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Great Plains
Manufacturing, Inc.
www.greatplainsmfg.com

Seed and Fertilizer Rate Charts for the YP1225A and YP1625A Yield-Pro® Planters with Air-Pro® Seed Meters

The following pages are to assist in the proper setting of seeding and fertilizer rates for the 30-foot (9 m) and 40-foot (12 m) two-section Yield-Pro® Planters. To assure the most accurate seeding rates, Great Plains recommends checking singulated rates, and calibrating for fertilizer application rate at the time of planting.

ORIGINAL INSTRUCTIONS

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401-625B

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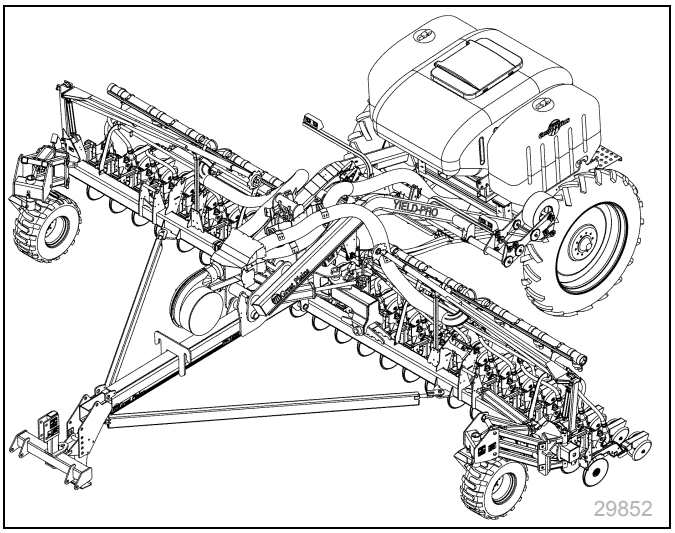
Introduction

This manual covers the following tasks for two-section YP1225A and YP1625A Yield-Pro® Planters equipped with Air-Pro® Seed Meters:

- setting and checking seed rate for singulated crops
- setting and calibrating seed rate for volumetric crops (such as wheat) with blockage monitoring
- applying liquid fertilizer from optional tanks on-board the planter.

This manual is your guide to planter adjustments for achieving specific seed population targets. It also includes information you may need to properly setup and adjust a separately provisioned fertilizer tank and pump system.

Although some setup/adjustment material is repeated from the Operator's Manual, you need to be thoroughly familiar with planter operations and adjustments before applying this Seed Rate manual and its table data.



■ Models Covered

30-Foot	
YP1225A-1230	12-Row, 30-Inch Spacing
YP1225A-16TR36	16-Row (8 Twin), 36-Inch
YP1225A-1820	18-Row, 20-Inch Spacing
YP1225A-2315	23-Row, 15-Inch Spacing
YP1225A-24TR	24-Row, (12 Twin) 30-Inch Spacing
40-Foot	
YP1625A-1236	12-Row, 36-Inch Spacing
YP1625A-1630	16-Row, 30-Inch Spacing
YP1625A-1670	16-Row, 70cm Spacing
YP1625A-24TR36	24-Row, 20-Inch Spacing
YP1625A-2420	24-Row (12 Twin), 36-Inch Spacing
YP1625A-3115	31-Row, 15-Inch Spacing
YP1625A-32TR	32-Row (16 Twin), 30-Inch Spacing

■ Document Family

401-625M	Operator Manual
401-625B	Seed Rate Manual (this manual)
401-625P	Parts Manual
	DICKEY-john® IntelliAg® Manuals:
110011508	Planter/Drill Control, User Level 1
110011501	Planter/Drill Control, User Level 2&3
110011526	YP1225A-1230 Quick-Start Guide
110011592	YP1225A-16TR Quick-Start Guide
110011593	YP1225A-16TR36 Quick-Start Guide
110011591	YP1225A-1820 Quick-Start Guide
110011590	YP1225A-2315 Quick-Start Guide
110011602	YP1625A-1236 Quick-Start Guide
110011527	YP1625A-1630 Quick-Start Guide
110011603	YP1625A-1670 Quick-Start Guide
110011601	YP1625A-2420 Quick-Start Guide
110011605	YP1625A-24TR36 Quick-Start Guide
110011600	YP1625A-3115 Quick-Start Guide
110011604	YP1625A-32TR Quick-Start Guide

Planting Overview

The information in this section covers important setup and checking information that applies to the Air-Pro® Seed Meter when planting at one seed per disk cell, using hydraulic drive or ground drive.

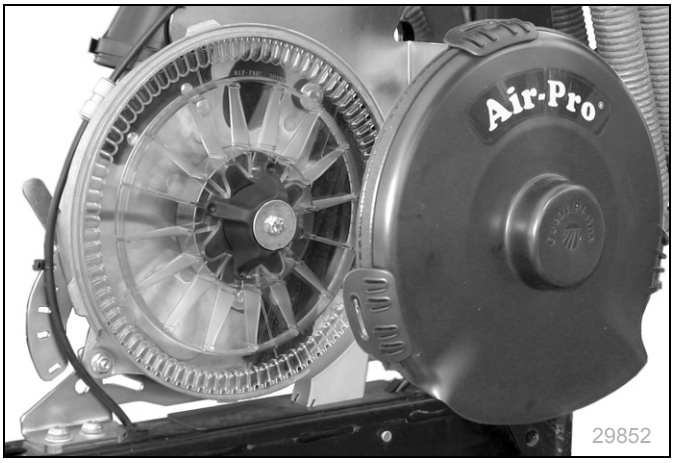
Singulated planting employs the seed monitor in:

- PLANTER CONTROL mode with optional hydraulic drive, or
- MONITOR ONLY mode with ground drive.

■ Seed Rate Setting Summary

- ❑ For your crop, determine your intended population, in seeds/acre or seeds/hectare.

  If you know only the seed spacing or population in lbs/acre or kg/ha, consult the charts beginning on this page.
- ❑ For your crop, population and desired field speed, select the correct seed disk.
  see “**Meter Disk Selection**” on page 5.
- ❑ Set meter rate.
- ❑ Set initial seed inlet shutter per seed rate chart.
- ❑ Set initial meter pressurization:
  see “**Meter Pressurization**” on page 9
- ❑ For staggered twin row, time row pairs using.
  see “**Sprocket Indexing (Stagger)**” on page 13.
- ❑ Verify your planting rate:
  see “**Checking Planting Rate**” on page 12.



■ Seeds per Unit

If only population weight (lbs/acre or kg/ha) is known, obtain the population count by multiplying the population weight by the kernels per pound (kilogram) from the seed container.

80,000 Seed Bag Weight	Kernels per Pound	80,000 Seed Bag Weight	Kernels per Pound
67.5 lbs	1,185	45.0 lbs	1,778
65.0 lbs	1,231	42.5 lbs	1,882
62.5 lbs	1,280	40.0 lbs	2,000
60.0 lbs	1,333	37.5 lbs	2,133
57.5 lbs	1,391	35.0 lbs	2,286
55.0 lbs	1,455	32.5 lbs	2,462
52.5 lbs	1,524	30.0 lbs	2,667
50.0 lbs	1,600	27.5 lbs	2,909
47.5 lbs	1,684	25.0 lbs	3,200

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Example: Milo

Target rate:	4.5 pounds/acre
Seed density:	14500 seeds/pound
Population:	= Rate x Density = 4.5 x 14500, or: 65250 seeds/acre

■ Seed Spacing Charts

If only seed spacing is known, use the charts on the following pages to determine population.

The following charts contain US customary and metric units (seeds per acre and seeds per hectare, inch and cm, etc.).

Low Range

Plant Population seeds per		20in Rows (50.8cm Rows)		30in Rows (76.2cm Rows)		36in Rows (91.4cm Rows)		70cm Rows		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1in Rows)		Twin Row 36in (Twin Row 91.4cm)	
acre	hectare	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
14 000	**34 600**	22.4	56.9	14.9	37.9	12.4	31.6	16.3	41.3	29.9	75.9	24.9	63.2
15 000	**37 100**	20.9	53.1	13.9	35.4	11.6	29.5	15.2	38.5	27.9	70.8	23.2	59.0
16 000	**39 500**	19.6	49.8	13.1	33.2	10.9	27.7	14.2	36.1	26.1	66.4	21.8	55.3
17 000	**42 000**	18.4	46.9	12.3	31.2	10.2	26.0	13.4	34.0	24.6	62.5	20.5	52.1
18 000	**44 500**	17.4	44.3	11.6	29.5	9.7	24.6	12.6	32.1	23.2	59.0	19.4	49.2
19 000	**46 900**	16.5	41.9	11.0	28.0	9.2	23.3	12.0	30.4	22.0	55.9	18.3	46.6
20 000	**49 400**	15.7	39.8	10.5	26.6	8.7	22.1	11.4	28.9	20.9	53.1	17.4	44.3
21 000	**51 900**	14.9	37.9	10.0	25.3	8.3	21.1	10.8	27.5	19.9	50.6	16.6	42.1
22 000	**54 400**	14.3	36.2	9.5	24.1	7.9	20.1	10.3	26.3	19.0	48.3	15.8	40.2
23 000	**56 800**	13.6	34.6	9.1	23.1	7.6	19.2	9.9	25.1	18.2	46.2	15.2	38.5
24 000	**59 300**	13.1	33.2	8.7	22.1	7.3	18.4	9.5	24.1	17.4	44.3	14.5	36.9
25 000	**61 800**	12.5	31.9	8.4	21.2	7.0	17.7	9.1	23.1	16.7	42.5	13.9	35.4
26 000	**64 200**	12.1	30.6	8.0	20.4	6.7	17.0	8.8	22.2	16.1	40.9	13.4	34.0
27 000	**66 700**	11.6	29.5	7.7	19.7	6.5	16.4	8.4	21.4	15.5	39.3	12.9	32.8
28 000	**69 200**	11.2	28.5	7.5	19.0	6.2	15.8	8.1	20.6	14.9	37.9	12.4	31.6
29 000	**71 700**	10.8	27.5	7.2	18.3	6.0	15.3	7.8	19.9	14.4	36.6	12.0	30.5
30 000	**74 100**	10.5	26.6	7.0	17.7	5.8	14.8	7.6	19.3	13.9	35.4	11.6	29.5
31 000	**76 600**	10.1	25.7	6.7	17.1	5.6	14.3	7.3	18.6	13.5	34.3	11.2	28.6
32 000	**79 100**	9.8	24.9	6.5	16.6	5.4	13.8	7.1	18.1	13.1	33.2	10.9	27.7
33 000	**81 500**	9.5	24.1	6.3	16.1	5.3	13.4	6.9	17.5	12.7	32.2	10.6	26.8
34 000	**84 000**	9.2	23.4	6.1	15.6	5.1	13.0	6.7	17.0	12.3	31.2	10.2	26.0
35 000	**86 500**	9.0	22.8	6.0	15.2	5.0	12.6	6.5	16.5	11.9	30.3	10.0	25.3
36 000	**89 000**	8.7	22.1	5.8	14.8	4.8	12.3	6.3	16.1	11.6	29.5	9.7	24.6
37 000	**91 400**	8.5	21.5	5.7	14.4	4.7	12.0	6.2	15.6	11.3	28.7	9.4	23.9
38 000	**93 900**	8.3	21.0	5.5	14.0	4.6	11.6	6.0	15.2	11.0	28.0	9.2	23.3
39 000	**96 400**	8.0	20.4	5.4	13.6	4.5	11.3	5.8	14.8	10.7	27.2	8.9	22.7
40 000	**98 800**	7.8	19.9	5.2	13.3	4.4	11.1	5.7	14.5	10.5	26.6	8.7	22.1
41 000	**101 300**	7.6	19.4	5.1	13.0	4.2	10.8	5.6	14.1	10.2	25.9	8.5	21.6
42 000	**103 800**	7.5	19.0	5.0	12.6	4.1	10.5	5.4	13.8	10.0	25.3	8.3	21.1
43 000	**106 300**	7.3	18.5	4.9	12.4	4.1	10.3	5.3	13.4	9.7	24.7	8.1	20.6
44 000	**108 700**	7.1	18.1	4.8	12.1	4.0	10.1	5.2	13.1	9.5	24.1	7.9	20.1
45 000	**111 200**	7.0	17.7	4.6	11.8	3.9	9.8	5.1	12.8	9.3	23.6	7.7	19.7
46 000	**113 700**	6.8	17.3	4.5	11.5	3.8	9.6	4.9	12.6	9.1	23.1	7.6	19.2
47 000	**116 100**	6.7	16.9	4.4	11.3	3.7	9.4	4.8	12.3	8.9	22.6	7.4	18.8
48 000	**118 600**	6.5	16.6	4.4	11.1	3.6	9.2	4.7	12.0	8.7	22.1	7.3	18.4
49 000	**121 100**	6.4	16.3	4.3	10.8	3.6	9.0	4.6	11.8	8.5	21.7	7.1	18.1
50 000	**123 500**	6.3	15.9	4.2	10.6	3.5	8.9	4.6	11.6	8.4	21.2	7.0	17.7

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Seed Spacing Charts (continued)

High Range

Plant Population seeds per acre	Plant Population seeds per hectare	20in Rows (50.8cm Rows) inch	20in Rows (50.8cm Rows) cm	30in Rows (76.2cm Rows) inch	30in Rows (76.2cm Rows) cm	36in Rows (91.4cm Rows) inch	36in Rows (91.4cm Rows) cm	70cm Rows inch	70cm Rows cm	Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1in Rows) inch	Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1in Rows) cm	Twin Row 36in (Twin Row 91.4cm) inch	Twin Row 36in (Twin Row 91.4cm) cm
50 000	**123 500**	6.3	15.9	4.2	10.6	3.5	8.9	4.6	11.6	8.4	21.2	7.0	17.7
55 000	**135 900**	5.7	14.5	3.8	9.7	3.2	8.0	4.1	10.5	7.6	19.3	6.3	16.1
60 000	**148 300**	5.2	13.3	3.5	8.9	2.9	7.4	3.8	9.6	7.0	17.7	5.8	14.8
65 000	**160 600**	4.8	12.3	3.2	8.2	2.7	6.8	3.5	8.9	6.4	16.3	5.4	13.6
70 000	**173 000**	4.5	11.4	3.0	7.6	2.5	6.3	3.3	8.3	6.0	15.2	5.0	12.6
75 000	**185 300**	4.2	10.6	2.8	7.1	2.3	5.9	3.0	7.7	5.6	14.2	4.6	11.8
80 000	**197 700**	3.9	10.0	2.6	6.6	2.2	5.5	2.8	7.2	5.2	13.3	4.4	11.1
85 000	**210 000**	3.7	9.4	2.5	6.2	2.0	5.2	2.7	6.8	4.9	12.5	4.1	10.4
90 000	**222 400**	3.5	8.9	2.3	5.9	1.9	4.9	2.5	6.4	4.6	11.8	3.9	9.8
95 000	**234 700**	3.3	8.4	2.2	5.6	1.8	4.7	2.4	6.1	4.4	11.2	3.7	9.3
100 000	**247 100**	3.1	8.0	2.1	5.3	1.7	4.4	2.3	5.8	4.2	10.6	3.5	8.9
105 000	**259 500**	3.0	7.6	2.0	5.1	1.7	4.2	2.2	5.5	4.0	10.1	3.3	8.4
110 000	**271 800**	2.9	7.2	1.9	4.8	1.6	4.0	2.1	5.3	3.8	9.7	3.2	8.0
115 000	**284 200**	2.7	6.9	1.8	4.6	1.5	3.8	2.0	5.0	3.6	9.2	3.0	7.7
120 000	**296 500**	2.6	6.6	1.7	4.4	1.5	3.7	1.9	4.8	3.5	8.9	2.9	7.4
125 000	**308 900**	2.5	6.4	1.7	4.2	1.4	3.5	1.8	4.6	3.3	8.5	2.8	7.1
130 000	**321 200**	2.4	6.1	1.6	4.1	1.3	3.4	1.8	4.4	3.2	8.2	2.7	6.8
135 000	**333 600**	2.3	5.9	1.5	3.9	1.3	3.3	1.7	4.3	3.1	7.9	2.6	6.6
140 000	**345 900**	2.2	5.7	1.5	3.8	1.2	3.2	1.6	4.1	3.0	7.6	2.5	6.3
145 000	**358 300**	2.2	5.5	1.4	3.7	1.2	3.1	1.6	4.0	2.9	7.3	2.4	6.1
150 000	**370 600**	2.1	5.3	1.4	3.5	1.2	3.0	1.5	3.9	2.8	7.1	2.3	5.9
155 000	**383 000**	2.0	5.1	1.3	3.4	1.1	2.9	1.5	3.7	2.7	6.9	2.2	5.7
160 000	**395 400**	2.0	5.0	1.3	3.3	1.1	2.8	1.4	3.6	2.6	6.6	2.2	5.5
165 000	**407 700**	1.9	4.8	1.3	3.2	1.1	2.7	1.4	3.5	2.5	6.4	2.1	5.4
170 000	**420 100**	1.8	4.7	1.2	3.1	1.0	2.6	1.3	3.4	2.5	6.2	2.0	5.2
175 000	**432 400**	1.8	4.6	1.2	3.0	1.0	2.5	1.3	3.3	2.4	6.1	2.0	5.1
180 000	**444 800**	1.7	4.4	1.2	3.0	1.0	2.5	1.3	3.2	2.3	5.9	1.9	4.9
185 000	**457 100**	1.7	4.3	1.1	2.9	0.9	2.4	1.2	3.1	2.3	5.7	1.9	4.8
190 000	**469 500**	1.7	4.2	1.1	2.8	0.9	2.3	1.2	3.0	2.2	5.6	1.8	4.7
195 000	**481 800**	1.6	4.1	1.1	2.7	0.9	2.3	1.2	3.0	2.1	5.4	1.8	4.5
200 000	**494 200**	1.6	4.0	1.0	2.7	0.9	2.2	1.1	2.9	2.1	5.3	1.7	4.4
225 000	**556 000**	1.4	3.5	0.9	2.4	0.8	2.0	1.0	2.6	1.9	4.7	1.5	3.9
250 000	**617 700**	1.3	3.2	0.8	2.1	0.7	1.8	0.9	2.3	1.7	4.2	1.4	3.5
275 000	**679 500**	1.1	2.9	0.8	1.9	0.6	1.6	0.8	2.1	1.5	3.9	1.3	3.2
300 000	**741 300**	1.0	2.7	0.7	1.8	0.6	1.5	0.8	1.9	1.4	3.5	1.2	3.0

68261M

■ Meter Disk Selection

CORN
24 Cell Disk
817 - 794C Corn Round Large
837 - 126C Corn Round Med
817 - 795C Corn Round Small
817 - 836C Corn Flat Large

CORN
40 Cell Disk
817 - 796C Corn Round Large
837 - 127C Corn Round Med
817 - 797C Corn Round Small
817 - 838C Corn Flat Large

(Sweet Corn plants in Round Corn disks)

Seed Size Recommendations	*Seeds/lb*	*Unit Weight*	*Seeds/kg*
Corn Round Large	**1300 (or fewer)**	61.5 lb (or heavier)	**2865 (or fewer)**
Corn Round Med	**1300 to 2000**	61.5 to 40 pounds	**2865 to 4410**
Corn Round Small	**2000 (or more)**	40 pounds (or lighter)	**4410 (or more)**
Corn Flat Large	**1650 (or fewer)**	48.5 pounds (or heavier)	**3640 (or fewer)**
Corn Flat Small	**1650 (or more)**	48.5 pounds (or lighter)	**3640 (or more)**
ATTENTION: This Corn is planted with the Corn Round Small Disks!!!!!!			

	Seeds/acre @ 5.5 mph	*Seeds/ha @ 8.9 kph*	*Recommended*
40 in (101.6 cm) Rows	*Below 19 400* *Above 19 400*	*Below 52 500* *Above 52 500*	24 Cell Disk 40 Cell Disk
38 in (96.5 cm) Rows	*Below 20 500* *Above 20 500*	*Below 50 600* *Above 50 600*	24 Cell Disk 40 Cell Disk
36 in (91.4 cm) Rows	*Below 21 600* *Above 21 600*	*Below 53 400* *Above 53 400*	24 Cell Disk 40 Cell Disk
30 in (76.2 cm) Rows **75 cm Rows**	*Below 25 900* *Above 25 900*	*Below 64 000* *Above 64 000*	24 Cell Disk 40 Cell Disk
70 cm Rows	*Below 28 200* *Above 28 200*	*Below 69 700* *Above 69 700*	24 Cell Disk 40 Cell Disk
22 in (55.9 cm) Rows	*Below 35 300* *Above 35 300*	*Below 87 300* *Above 87 300*	24 Cell Disk 40 Cell Disk
Twin Row 40 in (101.6 cm) **20 in (50.8cm) Rows**	*Below 38 900* *Above 38 900*	*Below 96 100* *Above 96 100*	24 Cell Disk 40 Cell Disk
Twin Row 38 in (96.5 cm)	*Below 40 900* *Above 40 900*	*Below 101 000* *Above 101 000*	24 Cell Disk 40 Cell Disk
Twin Row 36 in (91.4cm)	*Below 43 200* *Above 43 200*	*Below 106 700* *Above 106 700*	24 Cell Disk 40 Cell Disk
Twin Row 30 in (76.2 cm) **15 in (38.1 cm Rows)**	*Below 51 800* *Above 51 800*	*Below 129 000* *Above 129 000*	24 Cell Disk 40 Cell Disk
Twin Row 70 cm	*Below 56 400* *Above 56 400*	*Below 139 400* *Above 139 400*	24 Cell Disk 40 Cell Disk
Twin Row 20 in (50.8 cm) **10 in (25.4 cm) Rows**	*Below 77 700* *Above 77 700*	*Below 192 100* *Above 192 100*	24 Cell Disk 40 Cell Disk

Medium Edible Bean
60 Cell Disk
837 - 065C
Seed Size Recommendations

1000 seeds per pound or more	**2200 seeds per kg or more**
(a smaller bean)	***(a smaller bean)***

This disk should plant medium peanuts.
ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

68251A

Meter Disk Selection (continued)

Large Edible Bean

56 Cell Disk
817 - 967C
Seed Size Recommendations

1000 seeds per pound or fewer *(a larger bean)*	**2200 seeds per kg or fewer** *(a larger bean)*

This disk should plant medium peanuts.
ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

CANOLA

150 Cell Disk 837 - 148C	Seed Size Recommendations	250 Cell Disk 817 - 991C

This disk should plant all seed sizes and row spacings for Canola & Mustard

Population @ 6 mph	Population @ 9.7 kph	Recommended
Below 125 000	*Below 200 000*	*150 Cell Disk*
Above 125 000	*Above 200 000*	*250 Cell Disk*

COTTON

60 Cell Disk
817 - 857C
Seed Size Recommendations

This disk should plant all seed sizes and row spacings for Cotton.

MILO / PELLETIZED SUGAR BEET

30 Cell Disk 837 - 057C	65 Cell Disk 817 - 849C	130 Cell Disk 817 - 800C

Seed Size Recommendations

These disks should plant all seed sizes of Milo, Pelletized Sugar Beets, and Tillage Radish

	Seeds/acre @ 6 mph	*Seeds/ha @ 9.7 kph*	*Recommended*
40 in (101.6 cm) Rows	*Below 48 300*	*Below 119 300*	30 Cell Disk
	Above 48 300	*Above 119 300*	65 Cell Disk
38 in (96.5 cm) Rows	*Below 50 800*	*Below 125 500*	30 Cell Disk
	Above 50 800	*Above 125 500*	65 Cell Disk
36 in (91.4 cm) Rows	*Below 53 600*	*Below 132 500*	30 Cell Disk
	Above 53 600	*Above 132 500*	65 Cell Disk
30 in (76.2 cm) Rows 75 cm Rows	*Below 64 300*	*Below 159 000*	30 Cell Disk
	Above 64 300	*Above 159 000*	65 Cell Disk
70 cm Rows	*Below 70 100*	*Below 173 100*	30 Cell Disk
	Above 70 100	*Above 173 100*	65 Cell Disk
22 in (55.9 cm) Rows	*Below 87 700*	*Below 216 800*	30 Cell Disk
	Above 87 700	*Above 216 800*	65 Cell Disk
Twin Row 40 in (101.6 cm) 20 in (50.8 cm) Rows	*Below 96 500*	*Below 238 500*	30 Cell Disk
	Above 96 500	*Above 238 500*	65 Cell Disk
Twin Row 30 in (76.2 cm) 15 in (38.1 cm) Rows	*Below 24 000*	*Below 58 000*	30 Cell Disk
	Below 128 700	*Below 318 000*	65 Cell Disk
	Above 128 700	*Above 318 000*	130 Cell Disk
Twin Row 70 cm 35 cm Rows	*Below 25 100*	*Below 62 000*	30 Cell Disk
	Below 140 100	*Below 346 200*	65 Cell Disk
	Above 140 100	*Above 346 200*	130 Cell Disk
Twin Row 20 in (50.8 cm) 10 in (25.4 cm) Rows	*Below 34 000*	*Below 84 000*	30 Cell Disk
	Below 193 000	*Below 477 000*	65 Cell Disk
	Above 193 000	*Above 477 000*	130 Cell Disk

68251B

Meter Disk Selection (continued)

SOYBEAN

84 Cell Disk | ***(Small Edible Beans)*** | **168 Cell Disk**

817 - 798C | **Seed Size Recommendations** | **403 - 551D**

These disks should plant all seed sizes of Soybeans.
Small edible beans (navy, black jack, black eye peas, etc) will plant with this disk also.

	Seeds/acre @ 6 mph	*Seeds/ha @ 9.7 kph*	*Recommended*
40 in (101.6 cm) Rows	*Below 76 900*	*Below 190 100*	84 Cell Disk
	Above 76 900	*Above 190 100*	168 Cell Disk
38 in (96.5 cm) Rows	*Below 81 000*	*Below 200 100*	84 Cell Disk
	Above 81 000	*Above 200 100*	168 Cell Disk
36 in (91.4 cm) Rows	*Below 85 500*	*Below 211 200*	84 Cell Disk
	Above 85 500	*Above 211 200*	168 Cell Disk
30 in (76.2 cm) Rows	*Below 102 500*	*Below 253 400*	84 Cell Disk
75 cm Rows	*Above 102 500*	*Above 253 400*	168 Cell Disk
70 cm Rows	*Below 111 600*	*Below 275 900*	84 Cell Disk
	Above 111 600	*Above 275 900*	168 Cell Disk
22 in (55.9 cm) Rows	*Below 139 800*	*Below 345 600*	84 Cell Disk
	Above 139 800	*Above 345 600*	168 Cell Disk
Twin Row 40 in (101.6 cm)	*Below 153 800*	*Below 380 100*	84 Cell Disk
20 in (50.8 cm) Rows	*Above 153 800*	*Above 380 100*	168 Cell Disk
Twin Row 38 in (96.5 cm)	*Below 161 900*	*Below 400 200*	84 Cell Disk
	Above 161 900	*Above 400 200*	168 Cell Disk
Twin Row 36 in (91.4 cm)	*Below 170 900*	*Below 422 400*	84 Cell Disk
	Above 170 900	*Above 422 400*	168 Cell Disk
Twin Row 30 in (76.2 cm)	*Below 205 100*	*Below 506 900*	84 Cell Disk
15in (38.1 cm) Rows	*Above 205 100*	*Above 506 900*	168 Cell Disk
Twin Row 70 cm	*Below 223 300*	*Below 551 800*	84 Cell Disk
35 cm Rows	*Above 223 300*	*Above 551 800*	168 Cell Disk
Twin Row 20 in (50.8 cm)	*Below 307 700*	*Below 760 300*	84 Cell Disk
10 in (25.4 cm) Rows	*Above 307 700*	*Above 760 300*	168 Cell Disk

SUNFLOWER OIL SMALL / MEDIUM

60 CELL DISK | **60 CELL DISK**

837-234C SMALL | **837-235C MEDIUM**

Sunflower Oil Small	**6 500 - 8 500 Seeds per Pound**	**14 300 - 18 700 Seeds per Kilogram**

ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

Sunflower Oil Medium	**4 500 - 6 500 Seeds per Pound**	**9 900 - 14 300 Seeds per Kilogram**

ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

SUNFLOWER OIL LARGE / POPCORN

24 Cell Disk

817 - 851C

Seed Size Recommendations

Sunflower Oil Large	Seeds/lb	Seeds/kg	Popcorn
2's - most 3's And a few of the larger 4's	4 500 (or fewer)	9 900 (or fewer)	This disk should plant all seed sizes of Popcorn.

Meter Disk Selection (continued)

VIRGINIA PEANUTS
48 CELL DISK
403-959D

This disk should plant all seed sizes and row spacings for Virginia Peanuts.
ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

GEORGIA PEANUTS
46 CELL DISK
837-137C

This disk should plant all seed sizes and row spacings for Georgia Peanuts.
ATTENTION: This disk is for Hopper Style Planters only. Do not use with an Air Delivery type planter.

Air Meter Blank Disk
817 - 841C

These disks are used in (Off Row Meters) when changing from 15 in to 30 in Rows.
Twin Row 30 in to 30 in Rows, (etc)
These disks are used in (Off Row Meters) when changing from 35 cm to 70 cm Rows, (etc)

Industrial Hemp

5 Cell Disk	30 Cell Disk
837-364C	837-386C

Seed Size Recommendations

This disk should plant all seed sizes and wide row spacings for Industrial Hemp.

■ Meter Pressurization

Refer to the Operator Manual for the procedure for fine tuning meter pressurization.

Start with pressures from the charts, which are based on crop, and for corn, seed shape and density.

🕮 **NOTE:**
These are suggested initial (starting) pressures. Use the seed monitor console to adjust the value up or down according to the Operator Manual.

Corn Initial Meter Pressurization

Initial seed inlet Shutter for corn is: 3

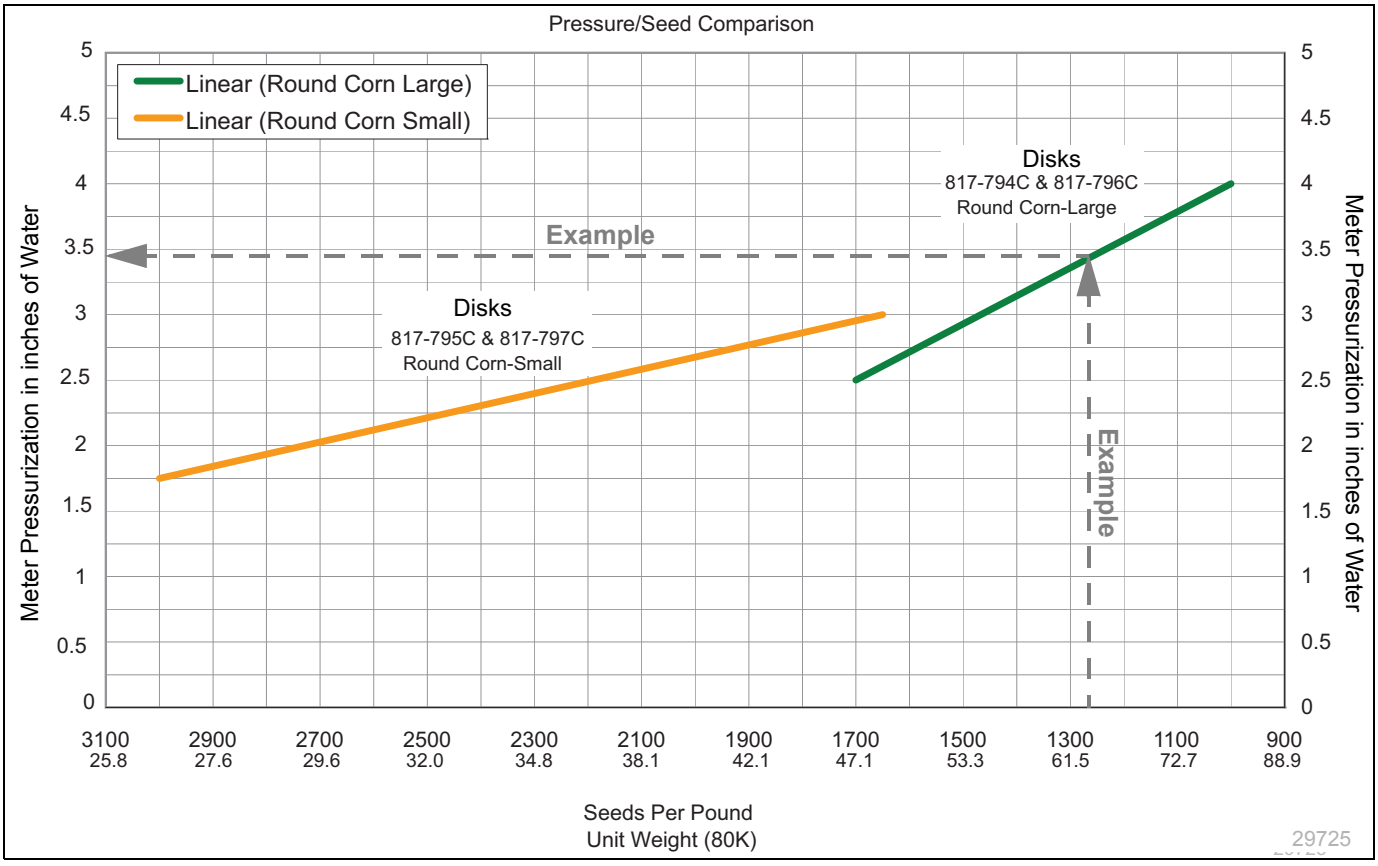
1. Pick the chart based on seed shape (flat, round).
2. Pick a line based on seed size (large, small).
3. Find the seed density on the bottom scale.
4. Read the suggested starting pressure on the left scale where the line intersects the density.

US Customary Units

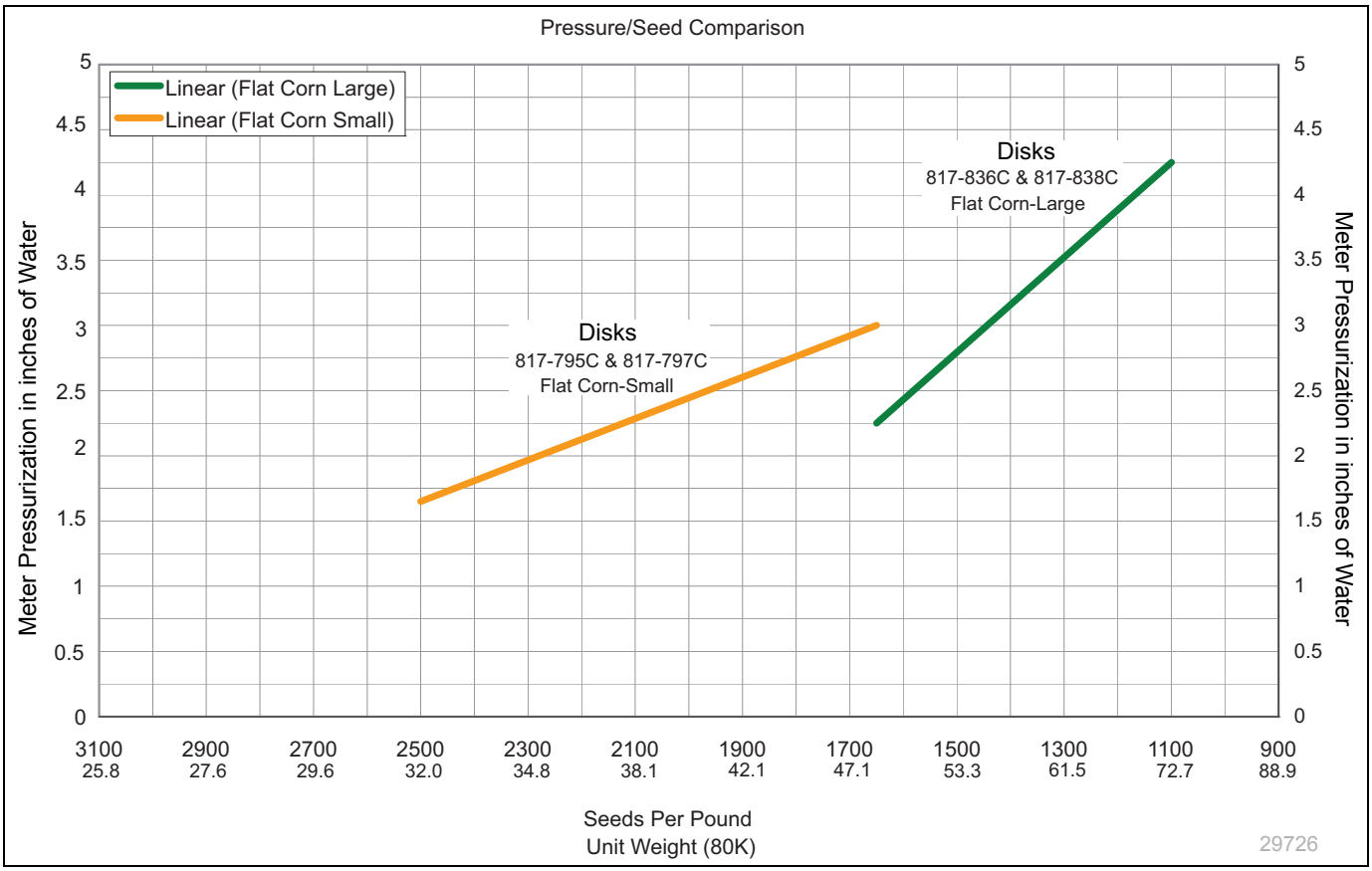
Example: large round corn, 1260 seeds/lb (seed density)
Use the line on the right of the chart, under “Round Corn-Large” (based on the seed size).
Initial meter pressurization is 3.4 inches of water

The example is shown as dotted gray lines on the chart below.

Round Corn



Flat Corn

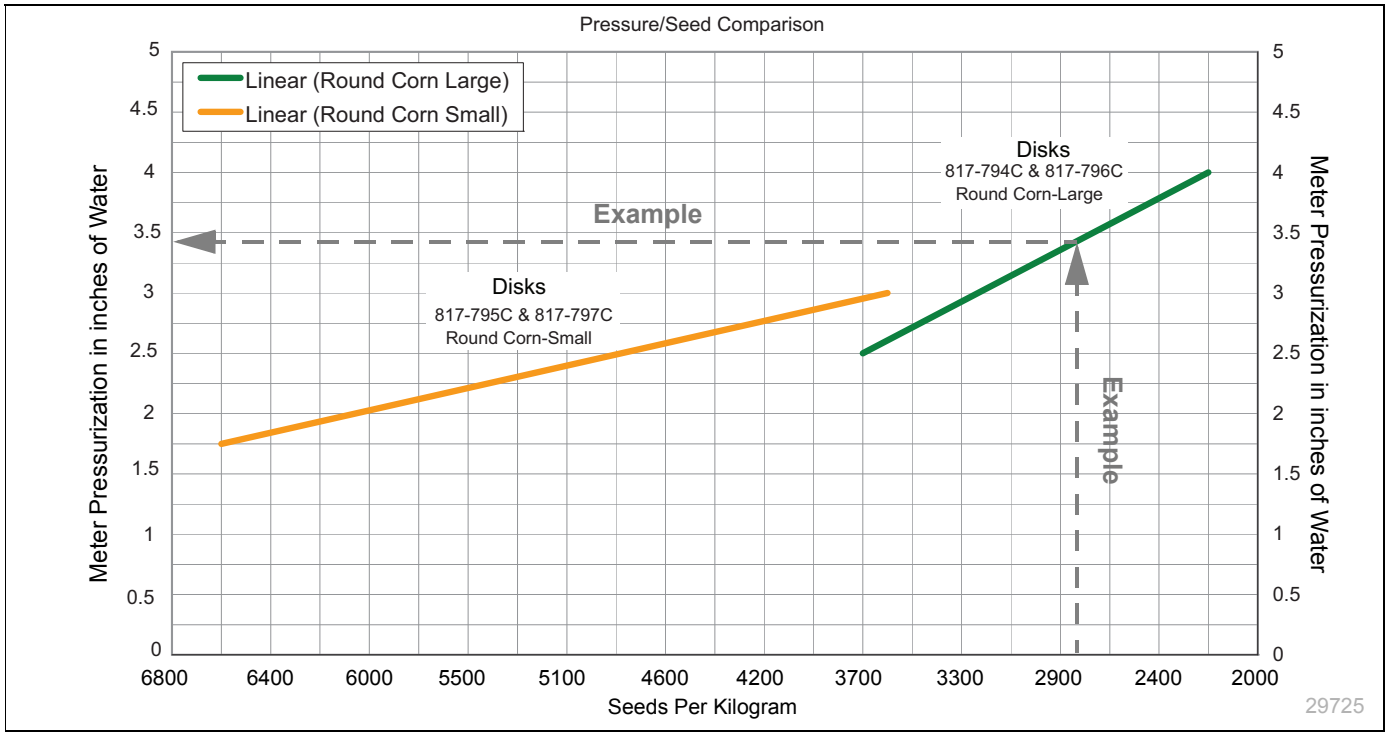

Pressure/Seed Comparison
Linear (Flat Corn Large)
Linear (Flat Corn Small)
Disks
817-836C & 817-838C
Flat Corn-Large
Disks
817-795C & 817-797C
Flat Corn-Small
Meter Pressurization in inches of Water
Meter Pressurization in inches of Water
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
3100 25.8
2900 27.6
2700 29.6
2500 32.0
2300 34.8
2100 38.1
1900 42.1
1700 47.1
1500 53.3
1300 61.5
1100 72.7
900 88.9
Seeds Per Pound
Unit Weight (80K)
29726

Metric Units

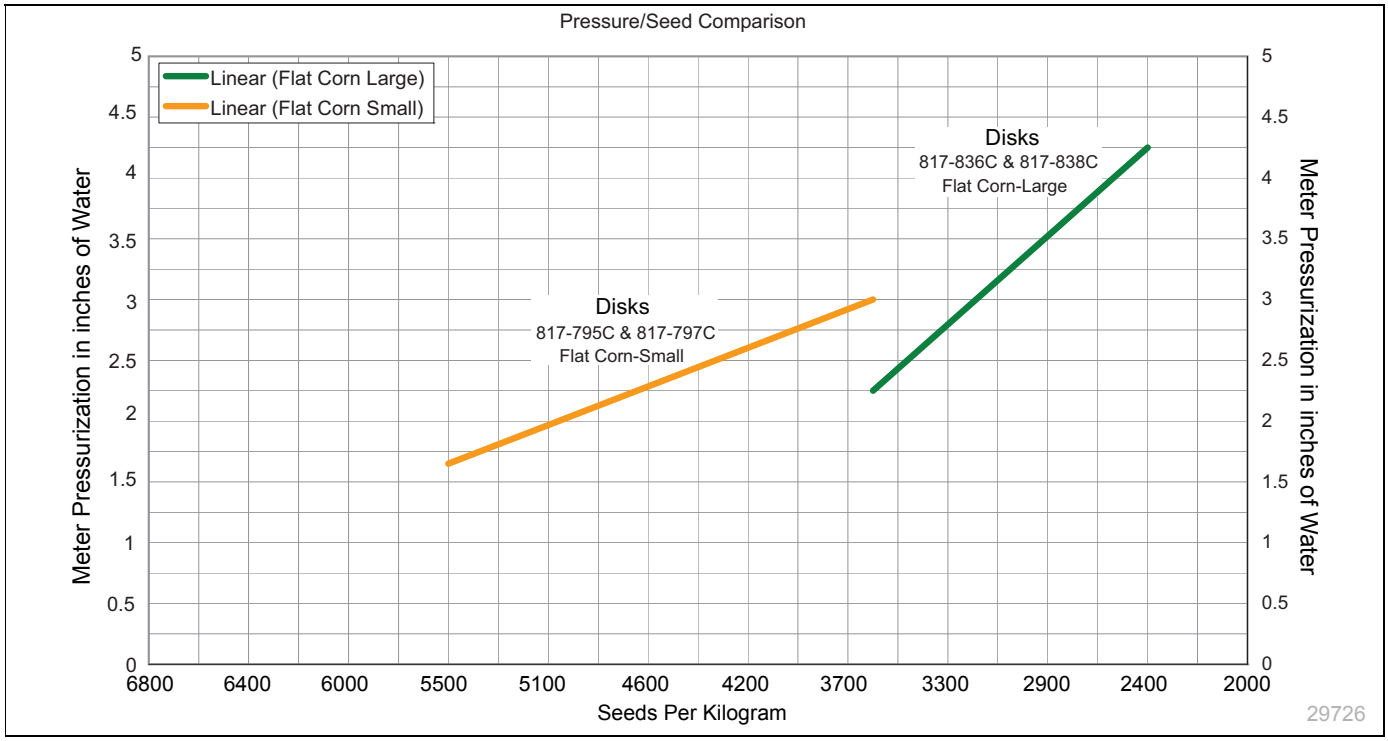
Example: large round corn, 2800 seeds/kg (seed density)
Use the line on the right of the chart, under “Round Corn-Large” (based on the seed size).
Initial meter pressurization is 3.4 inches of water

The example is shown as dotted gray lines on the chart below.

Round Corn



Flat Corn



Medium and Large Edible Bean Initial Meter Pressurization

2.75 inches of water (any seed density)

Initial seed inlet Shutter: 3

Cotton Initial Meter Pressurization

1.5 inches of water (any seed density)

Initial seed inlet Shutter: 2

Milo Initial Meter Pressurization

1.5 inches of water (all disk, any seed density)

Initial seed inlet Shutter: 2

Soybeans Initial Meter Pressurization

2.0 inches of water (84 cell disk, any seed density)

3.0 inches of water (168 cell disk, any seed density)

Initial seed inlet Shutter: 2

Sunflower Initial Meter Pressurization

1.25 inches of water
8500 to 7000 seeds/lb (18 700 to 15 400 seeds/kg)

1.75 inches of water
7000 to 5500 seeds/lb (15 400 to 12 100 seeds/kg)

2.25 inches of water
5500 and less seeds/lb (12 100 and less seeds/kg)

Adjust pressure as needed for desired population.
Initial seed inlet Shutter: 2

■ Checking Planting Rate

Singulated seed charts are based on cleaned and sized seed singulated with the recommended disk. Extreme seed size variations, foreign material and tire pressure can affect the planting rate.

Any material difference between chart and field rates implies a mechanical malfunction, a planter setup error, unsuitable planting conditions (such as excessive tire slippage) or extremely worn planter components. You can verify your setup and planter performance by measuring seed placement and spacing over a relatively short distance.

1. Determine the sample distance to check. Find your row spacing in the table below

Rows to Sample		Length of Sample Run		
Row Spacing	Row Count	1/1000th acre	1/200th acre	1/1000th hectare
15in Single	2	17ft 5in	87ft 1in	13.12 m
20in Single	1	26ft 2in	130ft 8in	19.69 m
70cm Single	1	18ft 2in	94ft 10in	14.29 m
30in Single	1	17ft 5in	87ft 1in	13.12 m
36in Single	1	14ft 6in	72ft 7in	10.94 m
30in Twin	1 pair	17ft 5in	87ft 1in	6.56 m
36in Twin	1 pair	14ft 6in	72ft 7in	5.47 m

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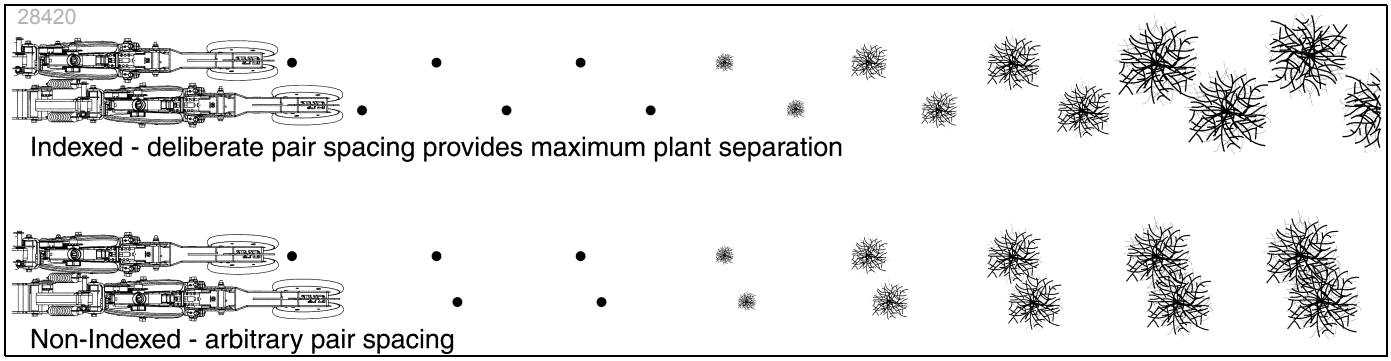
2. Note the number of rows to sample. Adjust the planting depth to a shallow setting on one or two outside rows (per table). Tie up the press wheel arms with wire or bungee to prevent furrow closure.
3. For populations above 100 000 seeds/acre, use a sample size of 1/1000th acre.

   For populations below 100 000 seeds/acre, use a sample size of 1/200th acre.
4. Configure the planter for the chart rate, either using the chart settings for sprockets, or, with hydraulic drive, selecting the rate on the seed monitor.
5. Plant at the desired planting speed for slightly more than the computed sample run length.
6. Measure off the sample distance, balanced in between where seeding started and stopped.
7. Count the number of seeds over the distance measured. Also note the consistency of the seed spacing.
8. Compute the rate for a full acre or hectare.

   For a 1/1000th sample, multiply the counted seeds by 1000.

   For a 1/200th sample, multiply the counted seeds by 200.
9. If the field and chart rates vary by more than a few percent, re-check planter setup, including meter disk or cell count, air system, tire size, tire pressures, sprocket or hydraulic drive setup, chain slack, etc. If seed spacing is irregular, this suggests a seed delivery problem, and not a rate setup problem.
10. While planting, pay attention to the seed monitor. In addition to confirming the single-row furrow check, it will also provide field rate data on all the other rows, and alert you to any irregularities or stoppages.

Sprocket Indexing (Stagger)



If you are planting:

- with a seed disc having 24 cells or less,
- twin-row crops,
- at seed populations below 45,000 seeds/acre (111 000 seeds/ha),

you can synchronize each pair of adjacent meters in a twin row for maximum seed-to-seed spacing between the units of the pair.

If the initial indexing does not provide equal spacing, see "**Fine Adjustment Indexing**" on page 15.

NOTE:
Due to limitations on the number of sprocket teeth and wheel cell count, it may not be possible to obtain perfect stagger. Charts and fine adjustment provide the optimal available stagger.

If you are planting:

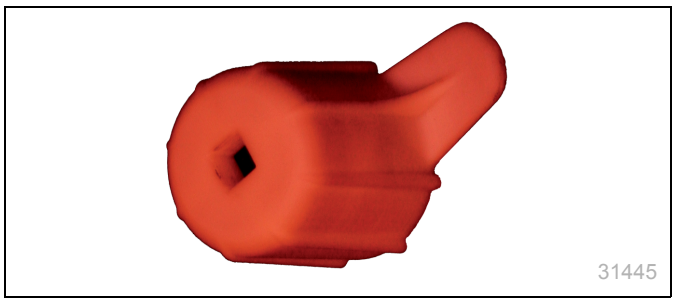
- single-row,
- or with seed discs or 25 cells or more,
- or a volumetric crop,

this section of the manual, and the sprocket indexing charts, do *not* apply to your operations.

■ Basic Indexing

Tools required:

- $^{7}/_{8}$ inch (23 mm) open end wrench
- $^{3}/_{8}$ inch socket wrench, or any socket wrench with $^{3}/_{8}$ inch (9.5 mm) square drive
- 812-391C timing tool (located under walkboard)



WARNING

Crushing Hazard:
This adjustment takes some time. Install transport locks. Do not depend on hydraulics to hold the planter in the raised position.

1. Find (on pages 16 to 18) the sprocket indexing chart for your row spacing, cell count and desired seed population.

   Note the "**Initial Rear Tooth Number**" value in the second column.

2. Raise the planter.

   Chain geometry changes slightly when lowered. The indexing charts account for this change, and assume the planter is raised. Also, raising the planter disengages the drive clutches, allowing you to turn the drive shaft with a hand tool.

3. Clean out meters. Leave seed discs out. See Operator Manual for procedure.

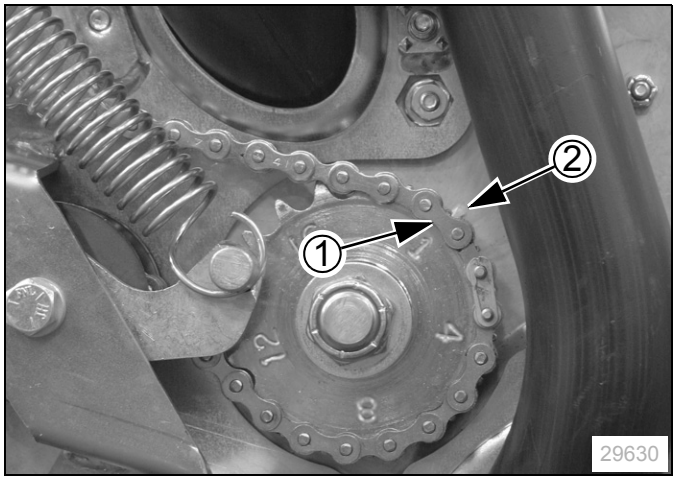
NOTE:
Sprocket indexing may be performed with seed present and discs installed, but if so, you must perform step 9 (chain taut check) by rotating the drive shaft forward to remove slack. Reverse meter rotation, with seed present, is not recommended.

4. Use drive shaft to set front row unit to index 1.

   Observe the meter drive sprocket at a front (short mount) row unit on each wing. Use the wrench, from the rear of the shaft, to rotate the shaft forward (wrench up and forward).

   Stop rotation with tip of tooth stamped “1” (1) aligned with a rib (2) cast into the meter housing. In general, the rib at the 2:00 position is the easiest to use, as it is visible from the side and from behind the meter.

NOTE:
The illustration shows tooth 1 slightly ahead of the index rib at 2:00.



5. Check front sprocket synchronization.

   Inspect all meter drive sprockets on front row units. Check that all springs are taut, and no chains have slack. All sprockets should be at “1”. If not, use step 6 through step 10 to set them to 1. Although front sprockets machine-wide may be at 1 after this check, sprockets do not remain in sync wing-to-wing, due to clutch operation.

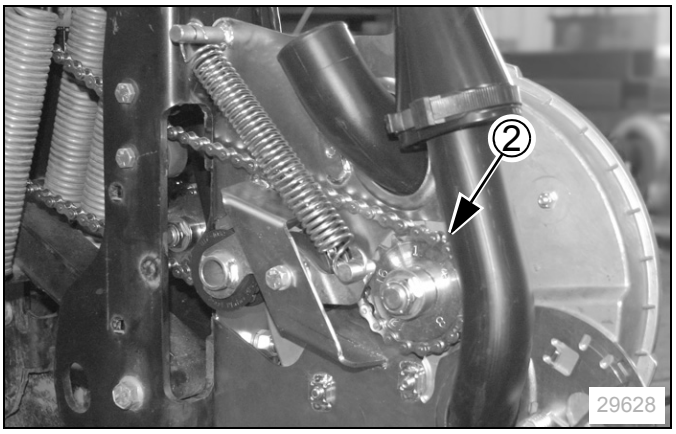
   When equipped with swath control clutches the front sprockets will not be synchronized. When swath control clutches are in place each front sprocket must be checked when timing its mating rear sprocket. The front row can be advanced by manually turning the tandem sprocket forward until the front sprocket is at 1. Then set the rear sprocket. Check that the front sprocket has not moved.

NOTICE

Equipment Damage Risk:
Do not apply significant force to meter disk, or drive hub may be damaged.

NOTE:
In the future, finding front sprockets out of sync on a wing suggests idler/spring problems, and/or worn chain. Row drive systems must be in reliable working order for effective sprocket indexing.

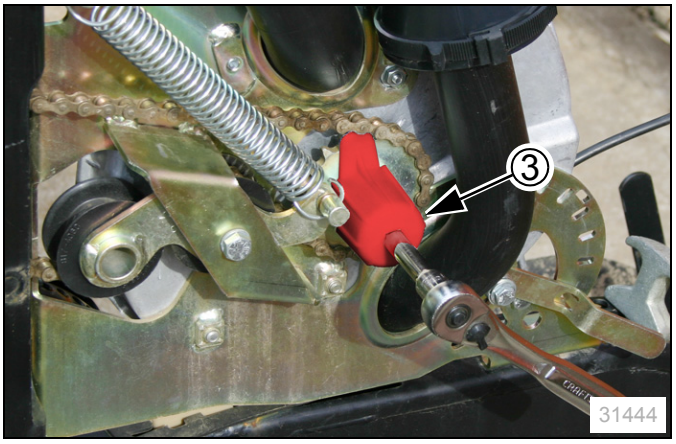
6. At the rear (long mount) row unit of each pair, note which sprocket tooth is at the index mark (2). If the sprocket is already at the chart value, skip to step 12. Otherwise, complete step 7 through step 10 for that row.



7. Place the timing tool (3) over the meter shaft. Attach a $^{3}/_{8}$ inch socket wrench to aid in rotation.

   Sweep the tool tooth under the chain, rotating in the direction opposite of that desired for sprocket adjustment.

   - Each clockwise rotation of the timing tool advances the sprocket by one tooth.
   - Each counter-clockwise rotation of the timing tool retards the sprocket by one tooth.



   If the timing tool is not available, remove the idler tensioning spring to adjust the sprocket position. Rotate meter shaft backward (if meter empty, otherwise forward one full rotation), and re-check indexing with normal tension on chain.

8. Advance or retard the sprocket until the desired tooth number is at the index mark. Hold the sprocket stationary, and re-mount the chain, making sure the chain is taut in the top loop.

9. Rotate meter shaft backward, or rotate wing drive shaft forward to tension chain. Re-check that front row sprocket is still at “1”.

10. Check the position of the rear row sprocket. The tooth tip at, or just ahead of the index mark must be the tooth called for by the chart. If not, release spring and re-mount chain.
11. Repeat step 4 through step 10 for each row pair.
12. Re-install seed discs and meter covers.

■ Fine Adjustment Indexing

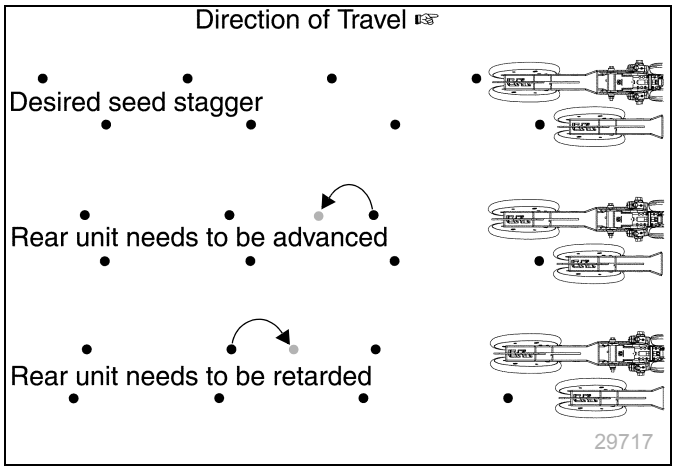
If, after indexing, the side-to-side seed stagger is still considerably uneven, it is possible to make small adjustments that may correct it. Imbalance can occur over time as row unit chains wear and stretch.

The Indexing charts provide columns for alternate rear row sprocket alignments. These settings move the placement of the rear seed drop. The amount of movement is given as a percentage (±20% or ±40%) of the in-row seed spacing.

Adjustments are made only to the rear row timing.

- Advancing the timing (dropping the seed sooner, moves the seed position back).
- Retarding the timing moves the seed position forward.

If an adjustment is made, test it on one row pair before adjusting the entire planter.



1. Make sure the current front sprocket index is 1, and the current rear sprocket index number matches the “Initial” number in the indexing chart for the population being planted.
2. Measure the actual stagger at the rear row seeds.
3. Determine by how many inches (or cm) the rear seed placement needs to move in order to be centered between the front seed placements.
4. Determine the percent of seed spacing, and whether advance or retard, required to adjust the rear seed drop to the desired spot.
5. In the tables (thumbnail view below), find the new rear sprocket tooth setting for the percent retard or advance desired.

Example:
The front sprocket is “1”. At a target population of 31,500 seeds/acre, the rear sprocket is at tooth “17”.
At this population, spacing in a single row is 13.3 inches.
The rear row seeds would be ideally at 6.6 inches ahead or behind the front row seeds.
We find that the rear seeds are being placed 1.5 inches behind the front seeds.
We need to move the rear seeds back another 5.1 in.
A 40% advance is 5.3 inches at this seed spacing.

Moving the rear sprocket from tooth 17 to tooth 18 provides a 40% advance.

Twin Row 30in Seeds per		Twin Row 36in Seeds per		Initial Rear Tooth Number	20% Rear Seed Drop Adjustment		40% Rear Seed Drop Adjustment	
acre	hectare	acre	hectare		Retard	Advance	Retard	Advance
31 500	77 838	26 250	64 865	17	14	1	4	18
32 000	79 070	26 667	65 895	17	14	2	11	18
32 500	80 310	27 083	66 924	5	14	2	8	18
33 000	81 540	27 500	67 954	5	18	5	8	14
33 500	82 780	27 917	68 983	2	18	17	15	14
34 000	84 020	28 333	70 013	1	18	17	12	14

Twin Row Sprocket Indexing Charts

This is NOT a seed rate chart. This is a chart for staggering seed spacing between rows of a twin-row planter.

These charts contain US customary units and metric units (seeds/acre and seeds/hectare).

NOTICE

Verify sprocket tooth position with the top length of chain taut.

1. Set front meter to tooth “1”.
2. Set rear meter to indicated initial tooth number.
3. Advance or Retard to adjust.

Twin Row 30in Seeds per		Twin Row 36in Seeds per		Initial Rear Tooth Number	These Columns are for Fine Adjustment Only			
					20% Rear Seed Drop Adjustment		40% Rear Seed Drop Adjustment	
acre	hectare	acre	hectare		Retard	Advance	Retard	Advance
17 000	42 008	14 167	35 006	7	3	4	6	16
17 500	43 243	14 583	36 036	19	10	16	13	16
18 000	44 479	15 000	37 066	19	10	16	13	16
18 500	45 714	15 417	38 095	3	7	19	10	16
19 000	46 950	15 833	39 125	4	6	19	9	12
19 500	48 185	16 250	40 154	4	1	15	17	12
20 000	49 421	16 667	41 184	18	11	15	14	12
20 500	50 656	17 083	42 214	8	2	15	5	8
21 000	51 892	17 500	43 243	8	5	11	5	8
21 500	53 127	17 917	44 273	14	15	11	18	8
22 000	54 363	18 333	45 302	14	15	11	18	4
22 500	55 598	18 750	46 332	12	9	7	1	4
23 000	56 834	19 167	47 362	10	19	7	3	4
23 500	58 070	19 583	48 391	10	19	7	3	4
24 000	59 305	20 000	49 421	16	13	3	10	19
24 500	60 541	20 417	50 450	6	13	3	10	19
25 000	61 776	20 833	51 480	6	4	3	7	19
25 500	63 012	21 250	52 510	1	17	18	14	15
26 000	64 247	21 667	53 539	2	17	18	14	15
26 500	65 483	22 083	54 569	2	8	18	11	15
27 000	66 718	22 500	55 598	5	5	18	18	11
27 500	67 954	22 917	56 628	5	2	14	18	11
28 000	69 189	23 333	57 658	17	12	14	15	11
28 500	70 425	23 750	58 687	9	1	14	3	7
29 000	71 660	24 167	59 717	9	6	10	3	7
29 500	72 896	24 583	60 746	13	16	10	19	7
30 000	74 131	25 000	61 776	13	16	10	19	3
30 500	75 367	25 417	62 806	13	10	6	7	3
31 000	76 602	25 833	63 835	9	10	6	4	3

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Twin Row Sprocket Indexing Charts (continued)

Twin Row 30in Seeds per		Twin Row 36in Seeds per		Initial Rear Tooth Number	These Columns are for Fine Adjustment Only			
					20% Rear Seed Drop Adjustment		40% Rear Seed Drop Adjustment	
acre	hectare	acre	hectare		Retard	Advance	Retard	Advance
31 500	77 838	26 250	64 865	17	14	1	4	18
32 000	79 070	26 667	65 895	17	14	2	11	18
32 500	80 310	27 083	66 924	5	14	2	8	18
33 000	81 540	27 500	67 954	5	18	5	8	14
33 500	82 780	27 917	68 983	2	18	17	15	14
34 000	84 020	28 333	70 013	1	18	17	12	14
34 500	85 250	28 750	71 043	1	3	9	12	14
35 000	86 490	29 167	72 072	6	3	9	19	10
35 500	87 720	29 583	73 102	6	3	13	19	10
36 000	88 960	30 000	74 131	10	7	13	16	10
36 500	90 190	30 417	75 161	10	7	13	4	6
37 000	91 430	30 833	76 191	10	7	9	4	6
37 500	92 660	31 250	77 220	14	11	17	4	1
38 000	93 900	31 667	78 250	14	11	17	8	2
38 500	95 140	32 083	79 279	14	11	5	8	2
39 000	96 370	32 500	80 309	18	11	2	8	5
39 500	97 610	32 917	81 339	18	15	2	12	17
40 000	98 840	33 333	82 368	18	15	1	12	17
40 500	100 080	33 750	83 398	3	15	1	12	9
41 000	101 310	34 167	84 427	3	19	6	16	9
41 500	102 550	34 583	85 457	3	19	6	16	13
42 000	103 780	35 000	86 487	7	19	10	16	13
42 500	105 020	35 417	87 516	7	4	10	16	13
43 000	106 250	35 833	88 546	7	4	10	16	9
43 500	107 490	36 250	89 575	11	4	14	16	17
44 000	108 730	36 667	90 605	11	8	14	16	17
44 500	109 960	37 083	91 635	11	8	14	16	5
45 000	111 200	37 500	92 664	15	8	18	16	2
45 500	112 430	37 917	93 694	15	12	18	16	2

68254L

Twin Row Sprocket Indexing Charts (continued)

Twin Row 30in Seeds per		Twin Row 36in Seeds per		Initial Rear Tooth Number	These Columns are for Fine Adjustment Only			
					20% Rear Seed Drop Adjustment		40% Rear Seed Drop Adjustment	
acre	hectare	acre	hectare		Retard	Advance	Retard	Advance
46 000	113 668	38 333	94 723	15	12	18	16	1
46 500	114 904	38 750	95 753	15	12	3	16	1
47 000	116 139	39 167	96 783	19	16	3	16	6
47 500	117 375	39 583	97 812	19	16	3	16	6
48 000	118 610	40 000	98 842	19	16	7	16	10
48 500	119 846	40 417	99 871	4	16	7	16	10
49 000	121 081	40 833	100 901	4	16	7	16	10
49 500	122 317	41 250	101 931	4	16	11	16	14
50 000	123 552	41 667	102 960	8	16	11	16	14
50 500	124 788	42 083	103 990	8	16	11	16	14
51 000	126 023	42 500	105 019	8	16	15	16	18
51 500	127 259	42 917	106 049	12	16	15	16	18
52 000	128 494	43 333	107 079	12	16	15	16	18
52 500	129 730	43 750	108 108	12	16	15	16	3
53 000	130 965	44 167	109 138	16	16	19	16	3
53 500	132 201	44 583	110 167	16	16	19	16	3
54 000	133 436	45 000	111 197	16	16	19	16	7
54 500	134 672	45 417	112 227	16	16	4	16	7
55 000	135 907	45 833	113 256	16	16	4	16	7
55 500	137 143	46 250	114 286	16	16	4	16	11
56 000	138 378	46 667	115 315	16	16	8	16	11
56 500	139 614	47 083	116 345	16	16	8	16	11
57 000	140 850	47 500	117 375	16	16	8	16	15
57 500	142 085	47 917	118 404	16	16	12	16	15
58 000	143 321	48 333	119 434	16	16	12	16	15
58 500	144 556	48 750	120 463	16	16	12	16	15
59 000	145 792	49 167	121 493	16	16	16	16	19
59 500	147 027	49 583	122 523	16	16	16	16	19
60 000	148 263	50 000	123 552	16	16	16	16	19

68254M

Hydraulic Drive Planting

■ Monitor Configuration

Hydraulic drive meter rate is set directly on the seed monitor in the tractor. Consult the monitor manual for detailed instructions, which may vary slightly over time with firmware updates to the monitor system.

Enter/update your planter configuration (width/row-count, single-row/twin, disk cell count, etc.). Once entered, specify the population directly in seeds/acre or seeds/ha.

Enter meter RPM limits for your disk (see "**Meter RPM Limit Charts**" on page 19).

🕮 **NOTE:**
For consistent results, and least meter wear, do not exceed the recommended ground speed.

Refer to the DICKEY-john® Manuals for detailed instructions.

🕮 **NOTE:**
The monitor must be in User Level 2 to change some of these parameters.

1. For a crop not previously planted with this planter, create a Material Name for the crop. Selecting a named material is a required step in later screens.
2. Verify, setup, or update the Material record for the singulated seed to be planted.

   The table at right lists the parameters that need to be reviewed or set. <angle bracket> values are your choice/preference when not from meter rpm chart.
3. Verify, setup, or update the Channel assigned to the planter's hydraulic drive. If the monitor resets to defaults, Gear Ratio may be incorrect.

   Count rows individually for # Seed Rows. A twin pair (if both openers are in use) counts as 2 rows. Channel Width is the swath.
4. In the Material Library screen, makes sure that the Material (SOYBEANS in our example) is assigned to the Channel (CH 1 in our example) which controls the planter's hydraulic drive.
5. Perform a Valve Calibration for the control channel.
6. Switch the seed monitor from Setup/Configuration mode to Operate mode. Load seed. Move the planter to the field.

Material Name	<crop name, such as SOYBEANS>
Channel	CH 1
Type	PLANTER CONTROL
Preset Method	Disabled - unless populations vary
Target Rate	<your election>
Max Rate	<110% of Target> is suggested
Min Rate	<90% of Target> is suggested
Inc/Dec	1.0% is suggested
Seeds Per Rev	<seed disk cell count>
Disc Low Limit	<rpm from seed rate chart>
Disc High Limit	<rpm from seed rate chart>
High Pop Alarm	20% is suggested
Low Pop Alarm	20% is suggested
Prod Level Alarm	0

CHANNEL 1	(must be channel specified above)
Type	"PLANTER CONTROL"
Material Name	(must be material name specified above)
Control Mode	Auto
Drive Type	PWM 1
Drive Freq.	100 Hz
Input Filter	50%
Gear Ratio	1.900
Sensor Constant	360
# Seed Rows	<based on planter model/row setup>
Channel Width	<based on planter model/row setup>
Precharge Time	0
Delay Time	0
Flush Enable	Disabled

■ Meter RPM Limit Charts

The charts on the following pages contain US customary units and metric units (mph and kph, seeds per acre and seeds per hectare).

Air-Pro® Meter RPM Limits

CORN

24 Cell Disk

Initial Seed Inlet Shutter Setting: 3

817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
Twin Row 30in		4.0	6.4	71 280	176 130	23 760	58 710
15in Rows		4.5	7.2	63 360	156 560	21 120	52 187
Max	Min	5.0	8.0	57 024	140 904	19 008	46 968
rpm	rpm	5.5	8.9	51 840	128 095	17 280	42 698
30	**10**	6.0	9.7	47 520	117 420	15 840	39 140
		6.5	10.5	43 865	108 388	14 622	36 129
Twin Row 36in		4.0	6.4	59 400	146 775	19 800	48 925
Max	Min	4.5	7.2	52 800	130 467	17 600	43 489
rpm	rpm	5.0	8.0	47 520	117 420	15 840	39 140
30	**10**	5.5	8.9	43 200	106 746	14 400	35 582
		6.0	9.7	39 600	97 850	13 200	32 617
		6.5	10.5	36 554	90 323	12 185	30 108
20in Rows		4.0	6.4	53 460	132 098	17 820	44 033
Max	Min	4.5	7.2	47 520	117 420	15 840	39 140
rpm	rpm	5.0	8.0	42 768	105 678	14 256	35 226
30	**10**	5.5	8.9	38 880	96 071	12 960	32 024
		6.0	9.7	35 640	88 065	11 880	29 355
		6.5	10.5	32 898	81 291	10 966	27 097

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
70cm Rows		4.0	6.4	38 797	95 865	12 932	31 955
Max	Min	4.5	7.2	34 486	85 214	11 495	28 405
rpm	rpm	5.0	8.0	31 037	76 692	10 346	25 564
30	**10**	5.5	8.9	28 216	69 720	9 405	23 240
		6.0	9.7	25 865	63 910	8 622	21 303
		6.5	10.5	23 875	58 994	7 958	19 665
30in Rows		4.0	6.4	35 640	88 065	11 880	29 355
Max	Min	4.5	7.2	31 680	78 280	10 560	26 093
rpm	rpm	5.0	8.0	28 512	70 452	9 504	23 484
30	**10**	5.5	8.9	25 920	64 047	8 640	21 349
		6.0	9.7	23 760	58 710	7 920	19 570
		6.5	10.5	21 932	54 194	7 311	18 065
36in Rows		4.0	6.4	29 700	73 388	9 900	24 463
Max	Min	4.5	7.2	26 400	65 234	8 800	21 745
rpm	rpm	5.0	8.0	23 760	58 710	7 920	19 570
30	**10**	5.5	8.9	21 600	53 373	7 200	17 791
		6.0	9.7	19 800	48 925	6 600	16 308
		6.5	10.5	18 277	45 162	6 092	15 054

68283A

Air-Pro® Meter RPM Limits

Initial Seed Inlet Shutter Setting: 3

CORN

40 Cell Disk

817-796C Round Corn Large
837-127C Round Corn Med
817-797C Round Corn Small
817-838C Flat Corn Large

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in	4.0	6.4	118 800	293 551	39 600	97 850
15in Rows	4.5	7.2	105 600	260 934	35 200	86 978
Max Min	5.0	8.0	95 040	234 841	31 680	78 280
rpm rpm	5.5	8.9	86 400	213 491	28 800	71 164
30 10	6.0	9.7	79 200	195 701	26 400	65 234
	6.5	10.5	73 108	180 647	24 369	60 216
Twin Row 36in	4.0	6.4	99 000	244 626	33 000	81 542
Max Min	4.5	7.2	88 000	217 445	29 333	72 482
rpm rpm	5.0	8.0	79 200	195 701	26 400	65 234
30 10	5.5	8.9	72 000	177 910	24 000	59 303
	6.0	9.7	66 000	163 084	22 000	54 361
	6.5	10.5	60 923	150 539	20 308	50 180
20in Rows	4.0	6.4	89 100	220 163	29 700	73 388
Max Min	4.5	7.2	79 200	195 701	26 400	65 234
rpm rpm	5.0	8.0	71 280	176 130	23 760	58 710
30 10	5.5	8.9	64 800	160 119	21 600	53 373
	6.0	9.7	59 400	146 775	19 800	48 925
	6.5	10.5	54 831	135 485	18 277	45 162

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	64 661	159 776	21 554	53 259
Max Min	4.5	7.2	57 477	142 023	19 159	47 341
rpm rpm	5.0	8.0	51 729	127 821	17 243	42 607
30 10	5.5	8.9	47 026	116 201	15 675	38 734
	6.0	9.7	43 108	106 517	14 369	35 506
	6.5	10.5	39 792	98 324	13 264	32 775
30in Rows	4.0	6.4	59 400	146 775	19 800	48 925
Max Min	4.5	7.2	52 800	130 467	17 600	43 489
rpm rpm	5.0	8.0	47 520	117 420	15 840	39 140
30 10	5.5	8.9	43 200	106 746	14 400	35 582
	6.0	9.7	39 600	97 850	13 200	32 617
	6.5	10.5	36 554	90 323	12 185	30 108
36in Rows	4.0	6.4	49 500	122 313	16 500	40 771
Max Min	4.5	7.2	44 000	108 723	14 667	36 241
rpm rpm	5.0	8.0	39 600	97 850	13 200	32 617
30 10	5.5	8.9	36 000	88 955	12 000	29 652
	6.0	9.7	33 000	81 542	11 000	27 181
	6.5	10.5	30 462	75 269	10 154	25 090

68283B

Air-Pro® Meter RPM Limits

COTTON
60 Cell Disk

Initial Seed Inlet Shutter Setting: 2

817-857C Cotton

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in	4.0	6.4	190 080	469 681	29 700	73 388
15in Rows	4.5	7.2	168 960	417 494	26 400	65 234
Max Min	5.0	8.0	152 064	375 745	23 760	58 710
rpm rpm	5.5	8.9	138 240	341 586	21 600	53 373
32 **5**	6.0	9.7	126 720	313 121	19 800	48 925
	6.5	10.5	116 972	289 035	18 277	45 162
Twin Row 36in	4.0	6.4	158 400	391 401	24 750	61 156
Max Min	4.5	7.2	140 800	347 912	22 000	54 361
rpm rpm	5.0	8.0	126 720	313 121	19 800	48 925
32 **5**	5.5	8.9	115 200	284 655	18 000	44 477
	6.0	9.7	105 600	260 934	16 500	40 771
	6.5	10.5	97 477	240 862	15 231	37 635
20in Rows	4.0	6.4	142 560	352 261	22 275	55 041
Max Min	4.5	7.2	126 720	313 121	19 800	48 925
rpm rpm	5.0	8.0	114 048	281 809	17 820	44 033
32 **5**	5.5	8.9	103 680	256 190	16 200	40 030
	6.0	9.7	95 040	234 841	14 850	36 694
	6.5	10.5	87 729	216 776	13 708	33 871

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	103 458	255 641	16 165	39 944
Max Min	4.5	7.2	91 963	227 237	14 369	35 506
rpm rpm	5.0	8.0	82 766	204 513	12 932	31 955
32 **5**	5.5	8.9	75 242	185 921	11 757	29 050
	6.0	9.7	68 972	170 428	10 777	26 629
	6.5	10.5	63 666	157 318	9 948	24 581
30in Rows	4.0	6.4	95 040	234 841	14 850	36 694
Max Min	4.5	7.2	84 480	208 747	13 200	32 617
rpm rpm	5.0	8.0	76 032	187 872	11 880	29 355
32 **5**	5.5	8.9	69 120	170 793	10 800	26 686
	6.0	9.7	63 360	156 560	9 900	24 463
	6.5	10.5	58 486	144 517	9 138	22 581
36in Rows	4.0	6.4	79 200	195 701	12 375	30 578
Max Min	4.5	7.2	70 400	173 956	11 000	27 181
rpm rpm	5.0	8.0	63 360	156 560	9 900	24 463
32 **5**	5.5	8.9	57 600	142 328	9 000	22 239
	6.0	9.7	52 800	130 467	8 250	20 385
	6.5	10.5	48 738	120 431	7 615	18 817

68283E

Air-Pro® Meter RPM Limits

Initial Seed Inlet Shutter Setting: 2

MILO

30 Cell Disk

837-057C Milo

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
Twin Row 30in		4.0	6.4	89 100	220 163	14 850	36 694
15in Rows		4.5	7.2	79 200	195 701	13 200	32 617
Max	Min	5.0	8.0	71 280	176 130	11 880	29 355
rpm	rpm	5.5	8.9	64 800	160 119	10 800	26 686
30	**5**	6.0	9.7	59 400	146 775	9 900	24 463
		6.5	10.5	54 831	135 485	9 138	22 581
Twin Row 36in		4.0	6.4	74 250	183 469	12 375	30 578
Max	Min	4.5	7.2	66 000	163 084	11 000	27 181
rpm	rpm	5.0	8.0	59 400	146 775	9 900	24 463
30	**5**	5.5	8.9	54 000	133 432	9 000	22 239
		6.0	9.7	49 500	122 313	8 250	20 385
		6.5	10.5	45 692	112 904	7 615	18 817
20in Rows		4.0	6.4	66 825	165 122	11 138	27 520
		4.5	7.2	59 400	146 775	9 900	24 463
Max	Min	5.0	8.0	53 460	132 098	8 910	22 016
rpm	rpm	5.5	8.9	48 600	120 089	8 100	20 015
30	**5**	6.0	9.7	44 550	110 082	7 425	18 347
		6.5	10.5	41 123	101 614	6 854	16 936

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
70cm Rows		4.0	6.4	48 496	119 832	8 083	19 972
Max	Min	4.5	7.2	43 108	106 517	7 185	17 753
rpm	rpm	5.0	8.0	38 797	95 865	6 466	15 978
30	**5**	5.5	8.9	35 270	87 150	5 878	14 525
		6.0	9.7	32 331	79 888	5 388	13 315
		6.5	10.5	29 844	73 743	4 974	12 290
30in Rows		4.0	6.4	44 550	110 082	7 425	18 347
Max	Min	4.5	7.2	39 600	97 850	6 600	16 308
rpm	rpm	5.0	8.0	35 640	88 065	5 940	14 678
30	**5**	5.5	8.9	32 400	80 059	5 400	13 343
		6.0	9.7	29 700	73 388	4 950	12 231
		6.5	10.5	27 415	67 742	4 569	11 290
36in Rows		4.0	6.4	37 125	91 735	6 188	15 289
Max	Min	4.5	7.2	33 000	81 542	5 500	13 590
rpm	rpm	5.0	8.0	29 700	73 388	4 950	12 231
30	**5**	5.5	8.9	27 000	66 716	4 500	11 119
		6.0	9.7	24 750	61 156	4 125	10 193
		6.5	10.5	22 846	56 452	3 808	9 409

68283F

Air-Pro® Meter RPM Limits

MILO

65 Cell Disk

Initial Seed Inlet Shutter Setting: 2

817-849C Milo

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in	4.0	6.4	193 050	477 020	32 175	79 503
15in Rows	4.5	7.2	171 600	424 018	28 600	70 670
Max Min	5.0	8.0	154 440	381 616	25 740	63 603
rpm rpm	5.5	8.9	140 400	346 924	23 400	57 821
30 **5**	6.0	9.7	128 700	318 013	21 450	53 002
	6.5	10.5	118 800	293 551	19 800	48 925
Twin Row 36in	4.0	6.4	160 875	397 517	26 813	66 253
Max Min	4.5	7.2	143 000	353 348	23 833	58 891
rpm rpm	5.0	8.0	128 700	318 013	21 450	53 002
30 **5**	5.5	8.9	117 000	289 103	19 500	48 184
	6.0	9.7	107 250	265 011	17 875	44 169
	6.5	10.5	99 000	244 626	16 500	40 771
20in Rows	4.0	6.4	144 788	357 765	24 131	59 628
Max Min	4.5	7.2	128 700	318 013	21 450	53 002
rpm rpm	5.0	8.0	115 830	286 212	19 305	47 702
30 **5**	5.5	8.9	105 300	260 193	17 550	43 365
	6.0	9.7	96 525	238 510	16 088	39 752
	6.5	10.5	89 100	220 163	14 850	36 694

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	105 075	259 636	17 512	43 273
Max Min	4.5	7.2	93 400	230 787	15 567	38 465
rpm rpm	5.0	8.0	84 060	207 709	14 010	34 618
30 **5**	5.5	8.9	76 418	188 826	12 736	31 471
	6.0	9.7	70 050	173 090	11 675	28 848
	6.5	10.5	64 661	159 776	10 777	26 629
30in Rows	4.0	6.4	96 525	238 510	16 088	39 752
Max Min	4.5	7.2	85 800	212 009	14 300	35 335
rpm rpm	5.0	8.0	77 220	190 808	12 870	31 801
30 **5**	5.5	8.9	70 200	173 462	11 700	28 910
	6.0	9.7	64 350	159 007	10 725	26 501
	6.5	10.5	59 400	146 775	9 900	24 463
36in Rows	4.0	6.4	80 438	198 758	13 406	33 126
Max Min	4.5	7.2	71 500	176 674	11 917	29 446
rpm rpm	5.0	8.0	64 350	159 007	10 725	26 501
30 **5**	5.5	8.9	58 500	144 552	9 750	24 092
	6.0	9.7	53 625	132 506	8 938	22 084
	6.5	10.5	49 500	122 313	8 250	20 385

68283G

Air-Pro® Meter RPM Limits

MILO

130 Cell Disk

Initial Seed Inlet Shutter Setting: 2

817-800C Milo

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in	4.0	6.4	386 100	954 040	64 350	159 007
15in Rows	4.5	7.2	343 200	848 036	57 200	141 339
Max Min	5.0	8.0	308 880	763 232	51 480	127 205
rpm rpm	5.5	8.9	280 800	693 847	46 800	115 641
30 **5**	6.0	9.7	257 400	636 027	42 900	106 004
	6.5	10.5	237 600	587 102	39 600	97 850
Twin Row 36in	4.0	6.4	321 750	795 033	53 625	132 506
Max Min	4.5	7.2	286 000	706 696	47 667	117 783
rpm rpm	5.0	8.0	257 400	636 027	42 900	106 004
30 **5**	5.5	8.9	234 000	578 206	39 000	96 368
	6.0	9.7	214 500	530 022	35 750	88 337
	6.5	10.5	198 000	489 251	33 000	81 542
20in Rows	4.0	6.4	289 575	715 530	48 263	119 255
Max Min	4.5	7.2	257 400	636 027	42 900	106 004
rpm rpm	5.0	8.0	231 660	572 424	38 610	95 404
30 **5**	5.5	8.9	210 600	520 385	35 100	86 731
	6.0	9.7	193 050	477 020	32 175	79 503
	6.5	10.5	178 200	440 326	29 700	73 388

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	210 149	519 271	35 025	86 545
Max Min	4.5	7.2	186 799	461 575	31 133	76 929
rpm rpm	5.0	8.0	168 119	415 417	28 020	69 236
30 **5**	5.5	8.9	152 836	377 652	25 473	62 942
	6.0	9.7	140 099	346 181	23 350	57 697
	6.5	10.5	129 323	319 552	21 554	53 259
30in Rows	4.0	6.4	193 050	477 020	32 175	79 503
Max Min	4.5	7.2	171 600	424 018	28 600	70 670
rpm rpm	5.0	8.0	154 440	381 616	25 740	63 603
30 **5**	5.5	8.9	140 400	346 924	23 400	57 821
	6.0	9.7	128 700	318 013	21 450	53 002
	6.5	10.5	118 800	293 551	19 800	48 925
36in Rows	4.0	6.4	160 875	397 517	26 813	66 253
Max Min	4.5	7.2	143 000	353 348	23 833	58 891
rpm rpm	5.0	8.0	128 700	318 013	21 450	53 002
30 **5**	5.5	8.9	117 000	289 103	19 500	48 184
	6.0	9.7	107 250	265 011	17 875	44 169
	6.5	10.5	99 000	244 626	16 500	40 771

68283H

Air-Pro® Meter RPM Limits

SOYBEAN
84 Cell Disk

Initial Seed Inlet Shutter Setting: 2

817-798C Soybean

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in	4.0	6.4	307 692	760 297	41 580	102 743
15in Rows	4.5	7.2	273 504	675 819	36 960	91 327
Max Min	5.0	8.0	246 154	608 237	33 264	82 194
rpm rpm	5.5	8.9	223 776	552 943	30 240	74 722
37 **5**	6.0	9.7	205 128	506 864	27 720	68 495
	6.5	10.5	189 349	467 875	25 588	63 226
Twin Row 36in	4.0	6.4	256 410	633 580	34 650	85 619
Max Min	4.5	7.2	227 920	563 183	30 800	76 106
rpm rpm	5.0	8.0	205 128	506 864	27 720	68 495
37 **5**	5.5	8.9	186 480	460 786	25 200	62 268
	6.0	9.7	170 940	422 387	23 100	57 079
	6.5	10.5	157 791	389 896	21 323	52 689
20in Rows	4.0	6.4	230 769	570 222	31 185	77 057
Max Min	4.5	7.2	205 128	506 864	27 720	68 495
rpm rpm	5.0	8.0	184 615	456 178	24 948	61 646
37 **5**	5.5	8.9	167 832	414 707	22 680	56 042
	6.0	9.7	153 846	380 148	20 790	51 371
	6.5	10.5	142 012	350 906	19 191	47 420

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	167 473	413 819	22 631	55 922
Max Min	4.5	7.2	148 865	367 839	20 117	49 708
rpm rpm	5.0	8.0	133 978	331 055	18 105	44 737
37 **5**	5.5	8.9	121 798	300 960	16 459	40 670
	6.0	9.7	111 648	275 880	15 088	37 281
	6.5	10.5	103 060	254 658	13 927	34 413
30in Rows	4.0	6.4	153 846	380 148	20 790	51 371
Max Min	4.5	7.2	136 752	337 910	18 480	45 663
rpm rpm	5.0	8.0	123 077	304 119	16 632	41 097
37 **5**	5.5	8.9	111 888	276 471	15 120	37 361
	6.0	9.7	102 564	253 432	13 860	34 248
	6.5	10.5	94 674	233 937	12 794	31 613
36in Rows	4.0	6.4	128 205	316 790	17 325	42 809
Max Min	4.5	7.2	113 960	281 591	15 400	38 053
rpm rpm	5.0	8.0	102 564	253 432	13 860	34 248
37 **5**	5.5	8.9	93 240	230 393	12 600	31 134
	6.0	9.7	85 470	211 193	11 550	28 540
	6.5	10.5	78 895	194 948	10 662	26 344

68283J

Air-Pro® Meter RPM Limits

SOYBEAN
168 Cell Disk

Initial Seed Inlet Shutter Setting: 2

403-551D Soybean

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
Twin Row 30in		4.0	6.4	615 384	1 520 593	83 160	205 486
15in Rows		4.5	7.2	547 008	1 351 638	73 920	182 654
Max	Min	5.0	8.0	492 307	1 216 474	66 528	164 388
rpm	rpm	5.5	8.9	447 552	1 105 886	60 480	149 444
37	**5**	6.0	9.7	410 256	1 013 729	55 440	136 990
		6.5	10.5	378 698	935 750	51 175	126 453
Twin Row 36in		4.0	6.4	512 820	1 267 161	69 300	171 238
Max	Min	4.5	7.2	455 840	1 126 365	61 600	152 212
rpm	rpm	5.0	8.0	410 256	1 013 729	55 440	136 990
37	**5**	5.5	8.9	372 960	921 572	50 400	124 537
		6.0	9.7	341 880	844 774	46 200	114 159
		6.5	10.5	315 582	779 791	42 646	105 377
20in Rows		4.0	6.4	461 538	1 140 445	62 370	154 114
Max	Min	4.5	7.2	410 256	1 013 729	55 440	136 990
rpm	rpm	5.0	8.0	369 230	912 356	49 896	123 291
37	**5**	5.5	8.9	335 664	829 414	45 360	112 083
		6.0	9.7	307 692	760 297	41 580	102 743
		6.5	10.5	284 023	701 812	38 382	94 839

		Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
		mph	kph	acre	hectare	acre	hectare
70cm Rows		4.0	6.4	334 945	827 639	45 263	111 843
Max	Min	4.5	7.2	297 729	735 679	40 234	99 416
rpm	rpm	5.0	8.0	267 956	662 111	36 210	89 474
37	**5**	5.5	8.9	243 597	601 919	32 918	81 340
		6.0	9.7	223 297	551 759	30 175	74 562
		6.5	10.5	206 120	509 316	27 854	68 827
30in Rows		4.0	6.4	307 692	760 297	41 580	102 743
Max	Min	4.5	7.2	273 504	675 819	36 960	91 327
rpm	rpm	5.0	8.0	246 154	608 237	33 264	82 194
37	**5**	5.5	8.9	223 776	552 943	30 240	74 722
		6.0	9.7	205 128	506 864	27 720	68 495
		6.5	10.5	189 349	467 875	25 588	63 226
36in Rows		4.0	6.4	256 410	633 580	34 650	85 619
Max	Min	4.5	7.2	227 920	563 183	30 800	76 106
rpm	rpm	5.0	8.0	205 128	506 864	27 720	68 495
37	**5**	5.5	8.9	186 480	460 786	25 200	62 268
		6.0	9.7	170 940	422 387	23 100	57 079
		6.5	10.5	157 791	389 896	21 323	52 689

68283K

Air-Pro® Meter RPM Limits

SUNFLOWER OIL LARGE

24 Cell Disk

Initial Seed Inlet Shutter Setting: 2

817-851C Sunflower Oil Large
8500 seeds/lb (or fewer)
18 700 seeds/kg (or fewer)

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	**acre**	hectare	**acre**	hectare
Twin Row 30in	4.0	6.4	71 280	176 130	23 760	58 710
15in Rows	4.5	7.2	63 360	156 560	21 120	52 187
Max Min	5.0	8.0	57 024	140 904	19 008	46 968
rpm rpm	5.5	8.9	51 840	128 095	17 280	42 698
30 10	6.0	9.7	47 520	117 420	15 840	39 140
	6.5	10.5	43 865	108 388	14 622	36 129
Twin Row 36in	4.0	6.4	59 400	146 775	19 800	48 925
Max Min	4.5	7.2	52 800	130 467	17 600	43 489
rpm rpm	5.0	8.0	47 520	117 420	15 840	39 140
30 10	5.5	8.9	43 200	106 746	14 400	35 582
	6.0	9.7	39 600	97 850	13 200	32 617
	6.5	10.5	36 554	90 323	12 185	30 108
20in Rows	4.0	6.4	53 460	132 098	17 820	44 033
Max Min	4.5	7.2	47 520	117 420	15 840	39 140
rpm rpm	5.0	8.0	42 768	105 678	14 256	35 226
30 10	5.5	8.9	38 880	96 071	12 960	32 024
	6.0	9.7	35 640	88 065	11 880	29 355
	6.5	10.5	32 898	81 291	10 966	27 097

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	**acre**	hectare	**acre**	hectare
70cm Rows	4.0	6.4	38 797	95 865	12 932	31 955
Max Min	4.5	7.2	34 486	85 214	11 495	28 405
rpm rpm	5.0	8.0	31 037	76 692	10 346	25 564
30 10	5.5	8.9	28 216	69 720	9 405	23 240
	6.0	9.7	25 865	63 910	8 622	21 303
	6.5	10.5	23 875	58 994	7 958	19 665
30in Rows	4.0	6.4	35 640	88 065	11 880	29 355
Max Min	4.5	7.2	31 680	78 280	10 560	26 093
rpm rpm	5.0	8.0	28 512	70 452	9 504	23 484
30 10	5.5	8.9	25 920	64 047	8 640	21 349
	6.0	9.7	23 760	58 710	7 920	19 570
	6.5	10.5	21 932	54 194	7 311	18 065
36in Rows	4.0	6.4	29 700	73 388	9 900	24 463
Max Min	4.5	7.2	26 400	65 234	8 800	21 745
rpm rpm	5.0	8.0	23 760	58 710	7 920	19 570
30 10	5.5	8.9	21 600	53 373	7 200	17 791
	6.0	9.7	19 800	48 925	6 600	16 308
	6.5	10.5	18 277	45 162	6 092	15 054

68283L

Air-Pro® Meter RPM Limits

INDUSTRIAL HEMP

5 Cell Disk

Initial Seed Inlet Shutter Setting: 2

837-364C IND HEMP

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in 15in Rows	4.0	6.4	22 275	55 042	04 950	12 231
	4.5	7.2	19 800	48 926	04 400	10 872
Max rpm **45** Min rpm **10**	5.0	8.0	17 820	44 033	03 960	09 785
	5.5	8.9	16 200	40 030	03 600	08 896
	6.0	9.7	14 850	36 694	03 300	08 154
	6.5	10.5	13 708	33 872	03 046	07 527
Twin Row 36in	4.0	6.4	18 563	45 868	04 125	10 193
	4.5	7.2	16 500	40 772	03 667	09 060
Max rpm **45** Min rpm **10**	5.0	8.0	14 850	36 694	03 300	08 154
	5.5	8.9	13 500	33 359	03 000	07 413
	6.0	9.7	12 375	30 579	02 750	06 795
	6.5	10.5	11 423	28 226	02 538	06 273
Twin Row 38in	4.0	6.4	17 586	43 454	03 908	09 656
	4.5	7.2	15 632	38 626	03 474	08 583
Max rpm **45** Min rpm **10**	5.0	8.0	14 068	34 763	03 126	07 725
	5.5	8.9	12 789	31 603	02 842	07 023
	6.0	9.7	11 724	28 969	02 605	06 438
	6.5	10.5	10 822	26 741	02 405	05 942
Twin Row 40in 20in Rows	4.0	6.4	16 706	41 281	03 713	09 174
	4.5	7.2	14 850	36 694	03 300	08 154
Max rpm **45** Min rpm **10**	5.0	8.0	13 365	33 025	02 970	07 339
	5.5	8.9	12 150	30 023	02 700	06 672
	6.0	9.7	11 138	27 521	02 475	06 116
	6.5	10.5	10 281	25 404	02 285	05 645
22in Rows	4.0	6.4	15 188	37 528	03 375	08 340
	4.5	7.2	13 500	33 359	03 000	07 413
Max rpm **45** Min rpm **10**	5.0	8.0	12 150	30 023	02 700	06 672
	5.5	8.9	11 045	27 293	02 455	06 065
	6.0	9.7	10 125	25 019	02 250	05 560
	6.5	10.5	09 346	23 094	02 077	05 132

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
70cm Rows	4.0	6.4	12 124	29 958	02 694	06 657
	4.5	7.2	10 777	26 630	02 395	05 918
Max rpm **45** Min rpm **10**	5.0	8.0	09 699	23 967	02 155	05 326
	5.5	8.9	08 817	21 788	01 959	04 842
	6.0	9.7	08 083	19 972	01 796	04 438
	6.5	10.5	07 461	18 436	01 658	04 097
30in Rows	4.0	6.4	11 138	27 521	02 475	06 116
	4.5	7.2	09 900	24 463	02 200	05 436
Max rpm **45** Min rpm **10**	5.0	8.0	08 910	22 017	01 980	04 893
	5.5	8.9	08 100	20 015	01 800	04 448
	6.0	9.7	07 425	18 347	01 650	04 077
	6.5	10.5	06 854	16 936	01 523	03 764
36in Rows	4.0	6.4	09 281	22 934	02 063	05 096
	4.5	7.2	08 250	20 386	01 833	04 530
Max rpm **45** Min rpm **10**	5.0	8.0	07 425	18 347	01 650	04 077
	5.5	8.9	06 750	16 679	01 500	03 707
	6.0	9.7	06 188	15 289	01 375	03 398
	6.5	10.5	05 712	14 113	01 269	03 136
38in Rows	4.0	6.4	08 793	21 727	01 954	04 828
	4.5	7.2	07 816	19 313	01 737	04 292
Max rpm **45** Min rpm **10**	5.0	8.0	07 034	17 382	01 563	03 863
	5.5	8.9	06 395	15 801	01 421	03 511
	6.0	9.7	05 862	14 485	01 303	03 219
	6.5	10.5	05 411	13 370	01 202	02 971
40in Rows	4.0	6.4	08 353	20 641	01 856	04 587
	4.5	7.2	07 425	18 347	01 650	04 077
Max rpm **45** Min rpm **10**	5.0	8.0	06 683	16 512	01 485	03 669
	5.5	8.9	06 075	15 011	01 350	03 336
	6.0	9.7	05 569	13 760	01 238	03 058
	6.5	10.5	05 140	12 702	01 142	02 823

Air-Pro® Meter RPM Limits

INDUSTRIAL HEMP

30 Cell Disk

Initial Seed Inlet Shutter Setting: 2

837-386C IND HEMP

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
Twin Row 30in 15in Rows	4.0	6.4	118 800	293 555	29 700	73 389
	4.5	7.2	105 600	260 938	26 400	65 234
Max rpm **40** Min rpm **10**	5.0	8.0	95 040	234 844	23 760	58 711
	5.5	8.9	86 400	213 494	21 600	53 374
	6.0	9.7	79 200	195 703	19 800	48 926
	6.5	10.5	73 108	180 649	18 277	45 162
Twin Row 36in	4.0	6.4	99 000	244 629	24 750	61 157
	4.5	7.2	88 000	217 448	22 000	54 362
Max rpm **40** Min rpm **10**	5.0	8.0	79 200	195 703	19 800	48 926
	5.5	8.9	72 000	177 912	18 000	44 478
	6.0	9.7	66 000	163 086	16 500	40 772
	6.5	10.5	60 923	150 541	15 231	37 635
Twin Row 38in	4.0	6.4	93 789	231 754	23 447	57 938
	4.5	7.2	83 368	206 003	20 842	51 501
Max rpm **40** Min rpm **10**	5.0	8.0	75 032	185 403	18 758	46 351
	5.5	8.9	68 211	168 548	17 053	42 137
	6.0	9.7	62 526	154 503	15 632	38 626
	6.5	10.5	57 717	142 618	14 429	35 654
Twin Row 40in 20in Rows	4.0	6.4	89 100	220 166	22 275	55 042
	4.5	7.2	79 200	195 703	19 800	48 926
Max rpm **40** Min rpm **10**	5.0	8.0	71 280	176 133	17 820	44 033
	5.5	8.9	64 800	160 121	16 200	40 030
	6.0	9.7	59 400	146 777	14 850	36 694
	6.5	10.5	54 831	135 487	13 708	33 872
22in Rows	4.0	6.4	81 000	200 151	20 250	50 038
	4.5	7.2	72 000	177 912	18 000	44 478
Max rpm **40** Min rpm **10**	5.0	8.0	64 800	160 121	16 200	40 030
	5.5	8.9	58 909	145 564	14 727	36 391
	6.0	9.7	54 000	133 434	13 500	33 359
	6.5	10.5	49 846	123 170	12 462	30 792

	Planting Speed		Maximum Population seeds per		Minimum Population seeds per	
	mph	kph	acre	hectare	acre	hectare
30in Rows	4.0	6.4	59 400	146 777	14 850	36 694
	4.5	7.2	52 800	130 469	13 200	32 617
Max rpm **40** Min rpm **10**	5.0	8.0	47 520	117 422	11 880	29 355
	5.5	8.9	43 200	106 747	10 800	26 687
	6.0	9.7	39 600	97 852	09 900	24 463
	6.5	10.5	36 554	90 325	09 138	22 581
36in Rows	4.0	6.4	49 500	122 315	12 375	30 579
	4.5	7.2	44 000	108 724	11 000	27 181
Max rpm **40** Min rpm **10**	5.0	8.0	39 600	97 852	09 900	24 463
	5.5	8.9	36 000	88 956	09 000	22 239
	6.0	9.7	33 000	81 543	08 250	20 386
	6.5	10.5	30 462	75 270	07 615	18 818
38in Rows	4.0	6.4	46 895	115 877	11 724	28 969
	4.5	7.2	41 684	103 002	10 421	25 750
Max rpm **40** Min rpm **10**	5.0	8.0	37 516	92 702	09 379	23 175
	5.5	8.9	34 105	84 274	08 526	21 069
	6.0	9.7	31 263	77 251	07 816	19 313
	6.5	10.5	28 858	71 309	07 215	17 827
40in Rows	4.0	6.4	44 550	110 083	11 138	27 521
	4.5	7.2	39 600	97 852	09 900	24 463
Max rpm **40** Min rpm **10**	5.0	8.0	35 640	88 066	08 910	22 017
	5.5	8.9	32 400	80 060	08 100	20 015
	6.0	9.7	29 700	73 389	07 425	18 347
	6.5	10.5	27 415	67 743	06 854	16 936
60in Rows	4.0	6.4	29 700	73 389	07 425	18 347
	4.5	7.2	26 400	65 234	06 600	16 309
Max rpm **40** Min rpm **10**	5.0	8.0	23 760	58 711	05 940	14 678
	5.5	8.9	21 600	53 374	05 400	13 343
	6.0	9.7	19 800	48 926	04 950	12 231
	6.5	10.5	18 277	45 162	04 569	11 291

Ground Drive Planting

■ Setting Ground Drive Meter Rate

Refer to your DICKEY-john® Manuals and planter Operator Manual for information not provided in this manual.

NOTICE

For Monitor Only mode, all Channels except Channel 2 must be disabled, and no rows must be assigned to any Channels. The Material Type must match the Control Type (Monitor Only).

🕮 **NOTE:**
The monitor must be in User Level 2 to change some of these parameters.

1. Create a Material Name for any crop not previously planted with this planter. Selecting a named material is a required step in later screens.
2. Verify, and as necessary setup or update the Material record for the singulated seed to be planted.

   The table below lists the parameters that need to be reviewed or set. Values in <angle brackets> are at your choice or preference.

   ROW WIDTH is the spacing between openers. This is the nominal spacing for single-row. For twin row, use 1/2 of the spacing between row pairs (example: 15in for 30in twin).

Material Name	<crop name, such as SOYBEANS>
Type	MONITOR ONLY
Units	Ks/ac with s/sec
Target Population	<your election>
High Pop Alarm	<20%> is suggested
Low Pop Alarm	<20%> is suggested
ROW WIDTH	<single row spacing in current units> or <1/2 twin row spacing>
ON/OFF PATTERN	<your election>
Row Fail Rate	2 seeds/sec

3. Perform the Row Monitor Setup

High Alarm Delay	5 sec
Low Alarm Delay	5 sec
Population Adjust	100%
Population Filter	50
Row Fail Rate	2 seeds/sec

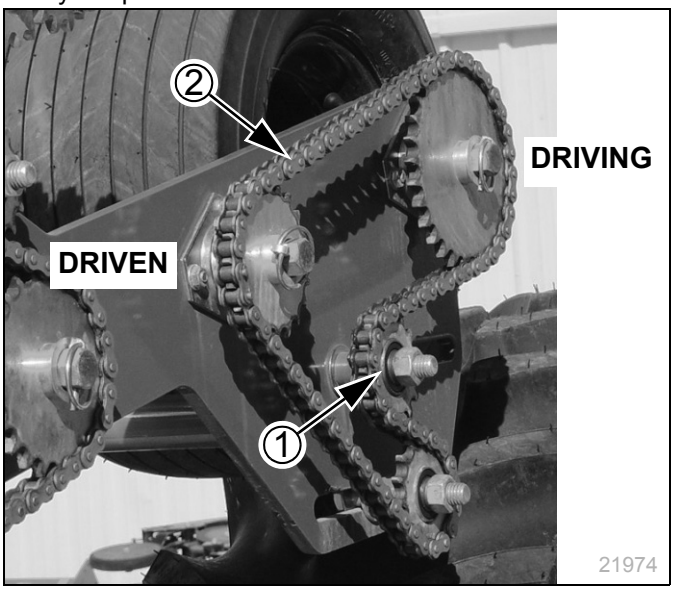
4. Before setting the planting rate, rotate the contact wheel (it turns in the opposite direction from the main tire).
5. Check that seed meters, seed tubes, and drives are working properly and free from foreign material.
6. Check that tire pressure is correct. See your planter Operator's manual.

Drive Speed Range Sprockets

7. Select the correct drive speed range sprockets for your seed from the rate charts starting on page 34.
8. Loosen idler (1) and remove chain (2).
9. Remove retaining pins from DRIVING and DRIVEN shafts and install speed range sprockets as necessary.

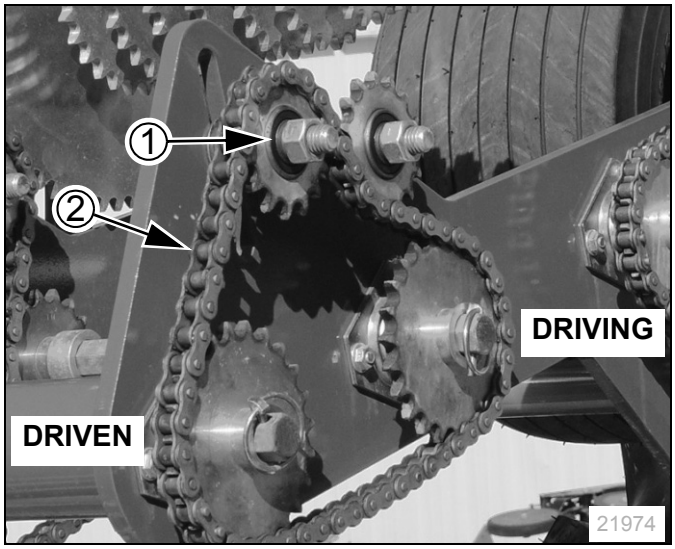
🕮 **NOTE:**
Make sure the correct sprockets have been installed in the DRIVING and DRIVEN locations as shown.

10. Reroute chain over sprockets and idlers as shown.
11. Move idler into chain so chain has $^{1}/_{4}$ inch (6 mm) slack in its longest span. Tighten idler and install lynch pins.



Transmission Sprockets

12. Loosen idlers (1) and remove drive chain (2).
13. Remove lynch pins from DRIVING and DRIVEN shafts and rearrange the sprockets as necessary.
14. Reroute drive chain over sprockets and idlers as shown.
15. Move idlers (1) into chain so chain has $^{1}/_{4}$ inch (6 mm) slack in its longest span. Tighten idlers and install lynch pins.
16. Repeat step 7 through step 15 for the other contact wheel.



17. Switch the seed monitor from Setup/Configuration mode to Operate mode. Load seed and move the planter to the field.

■ Reading a Ground Drive Rate Chart

NOTICE

The rate charts are estimations of maximum seed rates. Actual results will vary based on conditions and machine maintenance. Maintain your machine regularly for optimum performance.

All rate charts contain US customary and metric units (mph and kph, inch and cm, seeds/acre and seeds/ha, etc).

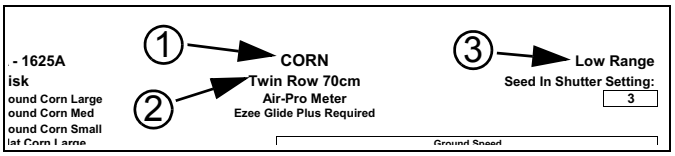
YP1225A - 1625A
30 Cell Disk
837-057C MILO

MILO
Air-Pro Meter
Ezee Glide Plus Required

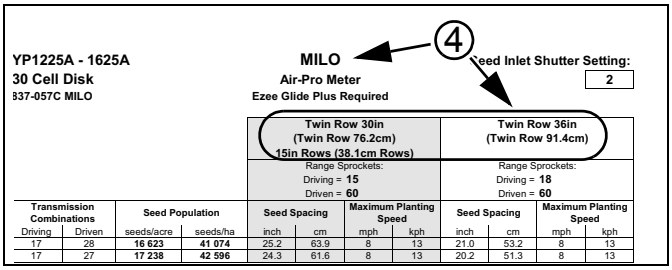
Seed Inlet Shutter Setting: 2

		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows)						Twin Row 36in (Twin Row 91.4cm)			
		Range Sprockets: Driving = 15 Driven = 60						Range Sprockets: Driving = 18 Driven = 60			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	16 623	41 074	25.2	63.9	8	13	21.0	53.2	8	13
17	27	17 238	42 596	24.3	61.6	8	13	20.2	51.3	8	13
17	26	17 901	44 234	23.4	59.3	8	13	19.5	49.4	8	13

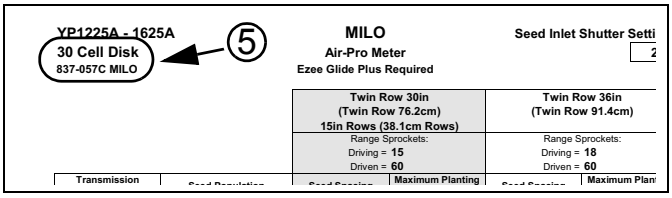
1. Find the chart for your crop.
2. If there are separate charts based on row spacing, such as corn charts, find the charts for that spacing.
3. If there are separate charts by population range, find the chart that covers the rate or seed spacing you intend.



4. For crops other than corn, find the chart for your crop and the columns for your row spacing.



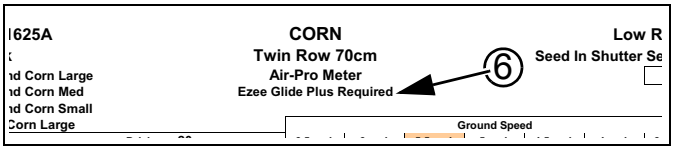
5. Check what disk cell count and which disk part numbers are covered by that chart.



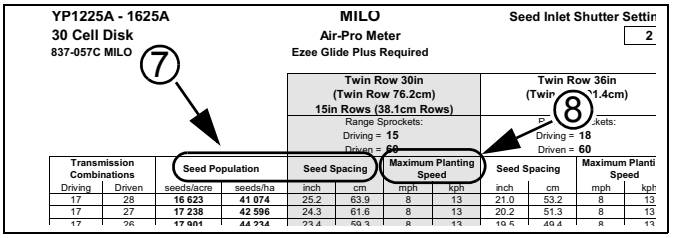
6. Ezee Glide Plus seed lubricant is required. See "**Appendix A - Seed Lubricants**" on page 106 for more information

NOTICE

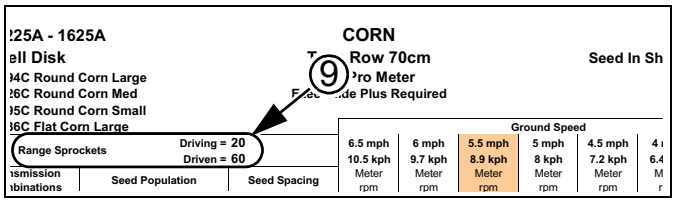
***Skip/Double/Blockage** Risk:*
Ezee Glide Plus seed lubricant is required for all operations with Air-Pro® meters.

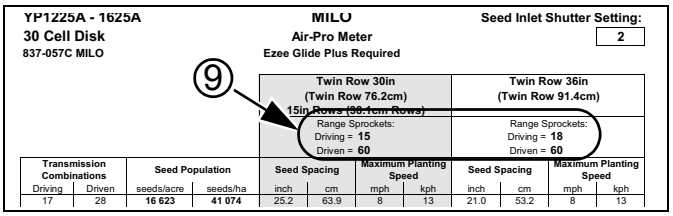


7. Find the desired seed population range or seed spacing.
8. The maximum ground speed, or planting speed, for that population is to the right of the seed spacing.

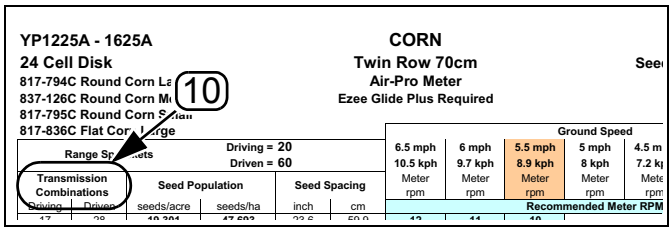


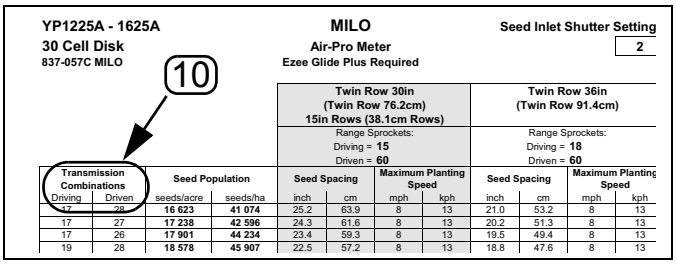
9. The range sprockets are at the top left of the separate row spacing charts, and at the top of the columns for charts covering multiple row spacings.



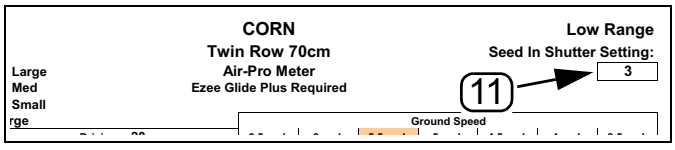


10. The Transmission sprockets are in the columns to the left of the Seed Population.





11. The suggested initial setting for the seed inlet shutter is to the right of the crop name.



Ground Drive Rate Chart Locations

Crop Name	Chart Pages
Corn	34 - 47
Cotton	48 - 53
Milo	54 - 62
Soybean	63 - 71
Sunflower	72 - 74
Canola	79 - 84
Hill Drop Cotton	89
Wheat	98 - 99

Ground Drive Rate Charts

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN
20in Rows (50.8cm Rows)
Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets Driving = 15 Driven = 30						Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	19 947	49 289	15.7	39.9	18	17	15	14	13	11	10
17	27	20 686	51 115	15.2	38.5	19	17	16	15	13	12	10
17	26	21 481	53 081	14.6	37.1	20	18	17	15	14	12	11
19	28	22 294	55 088	14.1	35.7	20	19	17	16	14	13	11
17	25	22 341	55 204	14.0	35.7	20	19	17	16	14	13	11
19	27	23 119	57 128	13.6	34.5	21	19	18	16	15	13	11
17	24	23 272	57 504	13.5	34.2	21	20	18	16	15	13	11
19	26	24 009	59 325	13.1	33.2	22	20	19	17	15	13	12
17	23	24 283	60 004	12.9	32.8	22	20	19	17	15	14	12
19	25	24 969	61 698	12.6	31.9	23	21	19	18	16	14	12
19	24	26 009	64 269	12.1	30.6	24	22	20	18	16	15	13
23	28	26 987	66 685	11.6	29.5	25	23	21	19	17	15	13
19	23	27 140	67 064	11.6	29.4	25	23	21	19	17	15	13
23	27	27 987	69 155	11.2	28.5	26	24	22	20	18	16	14
24	28	28 161	69 585	11.1	28.3	26	24	22	20	18	16	14
23	26	29 063	71 815	10.8	27.4	27	24	22	20	18	16	14
24	27	29 204	72 162	10.7	27.3	27	25	23	20	18	16	14
25	28	29 334	72 484	10.7	27.2	27	25	23	21	19	16	14
17	19	29 396	72 637	10.7	27.1	27	25	23	21	19	16	14
23	25	30 226	74 688	10.4	26.4	28	25	23	21	19	17	15
24	26	30 327	74 937	10.3	26.3	28	26	23	21	19	17	15
25	27	30 420	75 169	10.3	26.2	28	26	23	21	19	17	15
26	28	30 507	75 383	10.3	26.1	28	26	24	21	19	17	15
23	24	31 485	77 800	10.0	25.3	29	27	24	22	20	18	15
24	25	31 540	77 935	9.9	25.3	29	27	24	22	20	18	15
25	26	31 590	78 060	9.9	25.2	29	27	24	22	20	18	16
26	27	31 637	78 175	9.9	25.2	29	27	24	22	20	18	16
27	28	31 681	78 283	9.9	25.1	29	27	24	22	20	18	16
23	23	32 854	81 182	9.5	24.2	30	28	25	23	21	18	16
28	27	34 071	84 189	9.2	23.4		29	26	24	22	19	17
27	26	34 118	84 305	9.2	23.3		29	26	24	22	19	17
26	25	34 168	84 429	9.2	23.3		29	26	24	22	19	17
25	24	34 223	84 565	9.2	23.3		29	26	24	22	19	17
24	23	34 282	84 712	9.1	23.2		29	26	24	22	19	17
28	26	35 381	87 427	8.9	22.5		30	27	25	22	20	17
27	25	35 482	87 677	8.8	22.5		30	27	25	22	20	17
26	24	35 592	87 947	8.8	22.4		30	27	25	22	20	17
25	23	35 711	88 241	8.8	22.3		30	28	25	23	20	18
19	17	36 719	90 733	8.5	21.7			28	26	23	21	18
28	25	36 796	90 924	8.5	21.6			28	26	23	21	18
27	24	36 961	91 330	8.5	21.6			29	26	23	21	18
26	23	37 139	91 771	8.4	21.4			29	26	23	21	18
28	24	38 330	94 712	8.2	20.8			30	27	24	22	19
27	23	38 568	95 301	8.1	20.7			30	27	24	22	19
23	19	39 771	98 273	7.9	20.0				28	25	22	20
28	23	39 996	98 830	7.8	19.9				28	25	22	20
24	19	41 500	102 546	7.6	19.2				29	26	23	20
25	19	43 229	106 819	7.3	18.4				30	27	24	21
23	17	44 449	109 835	7.1	17.9					28	25	22
26	19	44 958	111 091	7.0	17.7					28	25	22
24	17	46 382	114 610	6.8	17.2					29	26	23
27	19	46 687	115 364	6.7	17.1					29	26	23
25	17	48 315	119 385	6.5	16.5						27	24
28	19	48 416	119 637	6.5	16.5			Not Recommended			27	24
26	17	50 247	124 161	6.2	15.9						28	25
27	17	52 180	128 936	6.0	15.3						29	26
28	17	54 112	133 712	5.8	14.7						30	27

68285A

YP1225A-1625A
40 Cell Disk
817-796C Round Corn Large
837-127C Round Corn Med
817-797C Round Corn Small
817-838C Flat Corn Large

CORN

20in Rows (50.8cm Rows)

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	33 245	82 149	9.4	24.0	18	17	15	14	13	11	10
17	27	34 476	85 191	9.1	23.1	19	17	16	15	13	12	10
17	26	35 802	88 468	8.8	22.3	20	18	17	15	14	12	11
19	28	37 156	91 813	8.4	21.4	20	19	17	16	14	13	11
17	25	37 234	92 006	8.4	21.4	20	19	17	16	14	13	11
19	27	38 532	95 214	8.1	20.7	21	19	18	16	15	13	11
17	24	38 786	95 840	8.1	20.5	21	20	18	16	15	13	11
19	26	40 014	98 876	7.8	19.9	22	20	19	17	15	13	12
17	23	40 472	100 007	7.7	19.7	22	20	19	17	15	14	12
19	25	41 615	102 831	7.5	19.1	23	21	19	18	16	14	12
19	24	43 349	107 115	7.2	18.4	24	22	20	18	16	15	13
23	28	44 979	111 142	7.0	17.7	25	23	21	19	17	15	13
19	23	45 234	111 773	6.9	17.6	25	23	21	19	17	15	13
23	27	46 645	115 259	6.7	17.1	26	24	22	20	18	16	14
24	28	46 934	115 974	6.7	17.0	26	24	22	20	18	16	14
23	26	48 439	119 692	6.5	16.4	27	24	22	20	18	16	14
24	27	48 673	120 270	6.4	16.4	27	25	23	20	18	16	14
25	28	48 890	120 807	6.4	16.3	27	25	23	21	19	16	14
17	19	48 993	121 061	6.4	16.3	27	25	23	21	19	16	14
23	25	50 376	124 479	6.2	15.8	28	25	23	21	19	17	15
24	26	50 545	124 896	6.2	15.8	28	26	23	21	19	17	15
25	27	50 701	125 281	6.2	15.7	28	26	23	21	19	17	15
26	28	50 845	125 639	6.2	15.7	28	26	24	21	19	17	15
23	24	52 475	129 666	6.0	15.2	29	27	24	22	20	18	15
24	25	52 566	129 891	6.0	15.2	29	27	24	22	20	18	15
25	26	52 651	130 100	6.0	15.1	29	27	24	22	20	18	16
26	27	52 729	130 292	5.9	15.1	29	27	24	22	20	18	16
27	28	52 801	130 471	5.9	15.1	29	27	24	22	20	18	16
23	23	54 757	135 304	5.7	14.5	30	28	25	23	21	18	16
28	27	56 785	140 315	5.5	14.0		29	26	24	22	19	17
27	26	56 863	140 508	5.5	14.0		29	26	24	22	19	17
26	25	56 947	140 716	5.5	14.0		29	26	24	22	19	17
25	24	57 038	140 941	5.5	14.0		29	26	24	22	19	17
24	23	57 137	141 186	5.5	13.9		29	26	24	22	19	17
28	26	58 969	145 712	5.3	13.5		30	27	25	22	20	17
27	25	59 137	146 128	5.3	13.5		30	27	25	22	20	17
26	24	59 320	146 579	5.3	13.4		30	27	25	22	20	17
25	23	59 518	147 069	5.3	13.4		30	28	25	23	20	18
19	17	61 199	151 222	5.1	13.0			28	26	23	21	18
28	25	61 327	151 540	5.1	13.0			28	26	23	21	18
27	24	61 601	152 217	5.1	12.9			29	26	23	21	18
26	23	61 899	152 952	5.1	12.9			29	26	23	21	18
28	24	63 883	157 854	4.9	12.5			30	27	24	22	19
27	23	64 279	158 835	4.9	12.4			30	27	24	22	19
23	19	66 284	163 789	4.7	12.0				28	25	22	20
28	23	66 660	164 717	4.7	12.0				28	25	22	20
24	19	69 166	170 910	4.5	11.5				29	26	23	20
25	19	72 048	178 031	4.4	11.1				30	27	24	21
23	17	74 082	183 058	4.2	10.8					28	25	22
26	19	74 930	185 152	4.2	10.6					28	25	22
24	17	77 303	191 017	4.1	10.3					29	26	23
27	19	77 812	192 273	4.0	10.2					29	26	23
25	17	80 524	198 976	3.9	9.9						27	24
28	19	80 694	199 395	3.9	9.9	Not Recommended					27	24
26	17	83 745	206 935	3.7	9.5						28	25
27	17	86 966	214 894	3.6	9.2						29	26
28	17	90 187	222 853	3.5	8.8						30	27

68285B

YP1225A - 1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

Twin Row 70cm
Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed In Shutter Setting: 3

Range Sprockets		Driving = 20 Driven = 60				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	19 301	47 693	23.6	59.9	12	11	10				
17	27	20 016	49 460	22.7	57.8	13	12	11	10			
17	26	20 786	51 362	21.9	55.6	13	12	11	10			
19	28	21 572	53 304	21.1	53.6	14	13	11	10			
17	25	21 617	53 416	21.1	53.5	14	13	11	10			
19	27	22 371	55 278	20.3	51.7	14	13	12	11	10		
17	24	22 518	55 642	20.2	51.3	14	13	12	11	10		
19	26	23 231	57 405	19.6	49.8	15	13	12	11	10		
17	23	23 497	58 061	19.4	49.2	15	14	12	11	10		
19	25	24 161	59 701	18.8	47.9	15	14	13	12	11		
19	24	25 167	62 188	18.1	45.9	16	15	13	12	11	10	
23	28	26 113	64 526	17.4	44.3	16	15	14	13	11	10	
19	23	26 261	64 892	17.3	44.0	16	15	14	13	11	10	
23	27	27 081	66 916	16.8	42.7	17	16	14	13	12	10	
24	28	27 249	67 332	16.7	42.4	17	16	14	13	12	11	
23	26	28 122	69 490	16.2	41.1	18	16	15	14	12	11	10
24	27	28 258	69 825	16.1	40.9	18	16	15	14	12	11	10
25	28	28 384	70 137	16.0	40.7	18	16	15	14	12	11	10
17	19	28 444	70 285	16.0	40.7	18	16	15	14	12	11	10
23	25	29 247	72 269	15.6	39.5	18	17	16	14	13	11	10
24	26	29 345	72 511	15.5	39.4	18	17	16	14	13	11	10
25	27	29 435	72 735	15.5	39.3	18	17	16	14	13	11	10
26	28	29 519	72 943	15.4	39.2	19	17	16	14	13	11	10
23	24	30 466	75 280	14.9	38.0	19	18	16	15	13	12	10
24	25	30 519	75 411	14.9	37.9	19	18	16	15	13	12	10
25	26	30 567	75 532	14.9	37.8	19	18	16	15	13	12	10
26	27	30 613	75 644	14.9	37.8	19	18	16	15	13	12	10
27	28	30 655	75 748	14.8	37.7	19	18	16	15	13	12	10
23	23	31 790	78 554	14.3	36.4	20	18	17	15	14	12	11
28	27	32 968	81 463	13.8	35.1	21	19	18	16	14	13	11
27	26	33 013	81 575	13.8	35.0	21	19	18	16	14	13	11
26	25	33 062	81 696	13.8	35.0	21	19	18	16	14	13	11
25	24	33 115	81 827	13.7	34.9	21	19	18	16	14	13	11
24	23	33 172	81 969	13.7	34.9	21	19	18	16	14	13	11
28	26	34 236	84 596	13.3	33.8	22	20	18	17	15	13	12
27	25	34 333	84 838	13.3	33.7	22	20	18	17	15	13	12
26	24	34 439	85 100	13.2	33.6	22	20	18	17	15	13	12
25	23	34 555	85 384	13.2	33.5	22	20	18	17	15	13	12
19	17	35 530	87 795	12.8	32.5	22	21	19	17	15	14	12
28	25	35 605	87 980	12.8	32.5	22	21	19	17	15	14	12
27	24	35 764	88 373	12.7	32.3	22	21	19	17	16	14	12
26	23	35 937	88 800	12.7	32.2	23	21	19	17	16	14	12
28	24	37 089	91 646	12.3	31.2	23	22	20	18	16	14	13
27	23	37 319	92 215	12.2	31.0	23	22	20	18	16	14	13
23	19	38 483	95 091	11.8	30.0	24	22	20	19	17	15	13
28	23	38 701	95 630	11.8	29.9	24	22	21	19	17	15	13
24	19	40 156	99 226	11.3	28.8	25	23	21	19	17	16	14
25	19	41 829	103 360	10.9	27.6	26	24	22	20	18	16	14
23	17	43 010	106 278	10.6	26.9	27	25	23	21	19	17	15
26	19	43 502	107 494	10.5	26.6	27	25	23	21	19	17	15
24	17	44 880	110 899	10.1	25.8	28	26	24	22	20	17	15
27	19	45 176	111 629	10.1	25.6	28	26	24	22	20	17	15
25	17	46 750	115 520	9.7	24.7	29	27	25	23	20	18	16
28	19	46 849	115 763	9.7	24.7	29	27	25	23	20	18	16
26	17	48 620	120 141	9.4	23.8		28	26	23	21	19	16
27	17	50 490	124 762	9.0	22.9		29	27	24	22	20	17
28	17	52 360	129 382	8.7	22.1		30	28	25	23	20	18

Not Recommended

68285C

YP1225A - 1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

Twin Row 70cm
Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed In Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	28 952	71 540	15.7	39.9	18	17	15	14	13	11	10
17	27	30 024	74 189	15.2	38.5	19	17	16	15	13	12	10
17	26	31 179	77 043	14.6	37.1	20	18	17	15	14	12	11
19	28	32 358	79 956	14.1	35.7	20	19	17	16	14	13	11
17	25	32 426	80 125	14.0	35.7	20	19	17	16	14	13	11
19	27	33 556	82 918	13.6	34.5	21	19	18	16	15	13	11
17	24	33 777	83 463	13.5	34.2	21	20	18	16	15	13	11
19	26	34 847	86 107	13.1	33.2	22	20	19	17	15	13	12
17	23	35 246	87 092	12.9	32.8	22	20	19	17	15	14	12
19	25	36 241	89 551	12.6	31.9	23	21	19	18	16	14	12
19	24	37 751	93 282	12.1	30.6	24	22	20	18	16	15	13
23	28	39 170	96 789	11.6	29.5	25	23	21	19	17	15	13
19	23	39 392	97 338	11.6	29.4	25	23	21	19	17	15	13
23	27	40 621	100 374	11.2	28.5	26	24	22	20	18	16	14
24	28	40 873	100 997	11.1	28.3	26	24	22	20	18	16	14
23	26	42 183	104 235	10.8	27.4	27	24	22	20	18	16	14
24	27	42 387	104 738	10.7	27.3	27	25	23	20	18	16	14
25	28	42 576	105 206	10.7	27.2	27	25	23	21	19	16	14
17	19	42 666	105 427	10.7	27.1	27	25	23	21	19	16	14
23	25	43 870	108 404	10.4	26.4	28	25	23	21	19	17	15
24	26	44 017	108 766	10.3	26.3	28	26	23	21	19	17	15
25	27	44 153	109 102	10.3	26.2	28	26	23	21	19	17	15
26	28	44 279	109 414	10.3	26.1	28	26	24	21	19	17	15
23	24	45 698	112 921	10.0	25.3	29	27	24	22	20	18	15
24	25	45 778	113 117	9.9	25.3	29	27	24	22	20	18	15
25	26	45 851	113 298	9.9	25.2	29	27	24	22	20	18	16
26	27	45 919	113 466	9.9	25.2	29	27	24	22	20	18	16
27	28	45 982	113 622	9.9	25.1	29	27	24	22	20	18	16
23	23	47 685	117 830	9.5	24.2	30	28	25	23	21	18	16
28	27	49 451	122 194	9.2	23.4		29	26	24	22	19	17
27	26	49 519	122 362	9.2	23.3		29	26	24	22	19	17
26	25	49 593	122 544	9.2	23.3		29	26	24	22	19	17
25	24	49 672	122 740	9.2	23.3		29	26	24	22	19	17
24	23	49 759	122 953	9.1	23.2		29	26	24	22	19	17
28	26	51 353	126 894	8.9	22.5		30	27	25	22	20	17
27	25	51 500	127 257	8.8	22.5		30	27	25	22	20	17
26	24	51 659	127 650	8.8	22.4		30	27	25	22	20	17
25	23	51 832	128 076	8.8	22.3		30	28	25	23	20	18
19	17	53 295	131 693	8.5	21.7			28	26	23	21	18
28	25	53 408	131 970	8.5	21.6			28	26	23	21	18
27	24	53 646	132 559	8.5	21.6			29	26	23	21	18
26	23	53 905	133 199	8.4	21.4			29	26	23	21	18
28	24	55 633	137 469	8.2	20.8			30	27	24	22	19
27	23	55 978	138 323	8.1	20.7			30	27	24	22	19
23	19	57 724	142 637	7.9	20.0				28	25	22	20
28	23	58 052	143 446	7.8	19.9				28	25	22	20
24	19	60 234	148 838	7.6	19.2				29	26	23	20
25	19	62 744	155 040	7.3	18.4				30	27	24	21
23	17	64 515	159 417	7.1	17.9					28	25	22
26	19	65 254	161 241	7.0	17.7					28	25	22
24	17	67 320	166 349	6.8	17.2					29	26	23
27	19	67 763	167 443	6.7	17.1					29	26	23
25	17	70 125	173 280	6.5	16.5						27	24
28	19	70 273	173 645	6.5	16.5	Not Recommended					27	24
26	17	72 930	180 211	6.2	15.9						28	25
27	17	75 735	187 142	6.0	15.3						29	26
28	17	78 540	194 073	5.8	14.7						30	27

68285D

YP1225A - 1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN
70cm Rows
Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: 3

Range Sprockets Driving = 15 Driven = 30

Transmission Combinations		Seed Population		Seed Spacing		Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	14 476	35 770	15.7	39.9	18	17	15	14	13	11	10
17	27	15 012	37 095	15.2	38.5	19	17	16	15	13	12	10
17	26	15 589	38 521	14.6	37.1	20	18	17	15	14	12	11
19	28	16 179	39 978	14.1	35.7	20	19	17	16	14	13	11
17	25	16 213	40 062	14.0	35.7	20	19	17	16	14	13	11
19	27	16 778	41 459	13.6	34.5	21	19	18	16	15	13	11
17	24	16 889	41 732	13.5	34.2	21	20	18	16	15	13	11
19	26	17 423	43 053	13.1	33.2	22	20	19	17	15	13	12
17	23	17 623	43 546	12.9	32.8	22	20	19	17	15	14	12
19	25	18 120	44 776	12.6	31.9	23	21	19	18	16	14	12
19	24	18 875	46 641	12.1	30.6	24	22	20	18	16	15	13
23	28	19 585	48 395	11.6	29.5	25	23	21	19	17	15	13
19	23	19 696	48 669	11.6	29.4	25	23	21	19	17	15	13
23	27	20 310	50 187	11.2	28.5	26	24	22	20	18	16	14
24	28	20 437	50 499	11.1	28.3	26	24	22	20	18	16	14
23	26	21 092	52 117	10.8	27.4	27	24	22	20	18	16	14
24	27	21 193	52 369	10.7	27.3	27	25	23	20	18	16	14
25	28	21 288	52 603	10.7	27.2	27	25	23	21	19	16	14
17	19	21 333	52 714	10.7	27.1	27	25	23	21	19	16	14
23	25	21 935	54 202	10.4	26.4	28	25	23	21	19	17	15
24	26	22 009	54 383	10.3	26.3	28	26	23	21	19	17	15
25	27	22 077	54 551	10.3	26.2	28	26	23	21	19	17	15
26	28	22 140	54 707	10.3	26.1	28	26	24	21	19	17	15
23	24	22 849	56 460	10.0	25.3	29	27	24	22	20	18	15
24	25	22 889	56 559	9.9	25.3	29	27	24	22	20	18	15
25	26	22 926	56 649	9.9	25.2	29	27	24	22	20	18	16
26	27	22 960	56 733	9.9	25.2	29	27	24	22	20	18	16
27	28	22 991	56 811	9.9	25.1	29	27	24	22	20	18	16
23	23	23 843	58 915	9.5	24.2	30	28	25	23	21	18	16
28	27	24 726	61 097	9.2	23.4		29	26	24	22	19	17
27	26	24 760	61 181	9.2	23.3		29	26	24	22	19	17
26	25	24 796	61 272	9.2	23.3		29	26	24	22	19	17
25	24	24 836	61 370	9.2	23.3		29	26	24	22	19	17
24	23	24 879	61 477	9.1	23.2		29	26	24	22	19	17
28	26	25 677	63 447	8.9	22.5		30	27	25	22	20	17
27	25	25 750	63 628	8.8	22.5		30	27	25	22	20	17
26	24	25 830	63 825	8.8	22.4		30	27	25	22	20	17
25	23	25 916	64 038	8.8	22.3		30	28	25	23	20	18
19	17	26 648	65 846	8.5	21.7			28	26	23	21	18
28	25	26 704	65 985	8.5	21.6			28	26	23	21	18
27	24	26 823	66 280	8.5	21.6			29	26	23	21	18
26	23	26 953	66 600	8.4	21.4			29	26	23	21	18
28	24	27 816	68 734	8.2	20.8			30	27	24	22	19
27	23	27 989	69 161	8.1	20.7			30	27	24	22	19
23	19	28 862	71 318	7.9	20.0				28	25	22	20
28	23	29 026	71 723	7.8	19.9				28	25	22	20
24	19	30 117	74 419	7.6	19.2				29	26	23	20
25	19	31 372	77 520	7.3	18.4				30	27	24	21
23	17	32 258	79 709	7.1	17.9					28	25	22
26	19	32 627	80 621	7.0	17.7					28	25	22
24	17	33 660	83 174	6.8	17.2					29	26	23
27	19	33 882	83 722	6.7	17.1					29	26	23
25	17	35 063	86 640	6.5	16.5						27	24
28	19	35 137	86 822	6.5	16.5			Not Recommended			27	24
26	17	36 465	90 106	6.2	15.9						28	25
27	17	37 868	93 571	6.0	15.3						29	26
28	17	39 270	97 037	5.8	14.7						30	27

68285E

YP1225A - 1625A
40 Cell Disk
817-796C Round Corn Large
837-127C Round Corn Med
817-797C Round Corn Small
817-838C Flat Corn Large

CORN

70cm Rows
Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: 3

Range Sprockets Driving = 15 Driven = 30

Transmission Combinations		Seed Population		Seed Spacing		Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	24 126	59 617	9.4	24.0	18	17	15	14	13	11	10
17	27	25 020	61 825	9.1	23.1	19	17	16	15	13	12	10
17	26	25 982	64 202	8.8	22.3	20	18	17	15	14	12	11
19	28	26 965	66 630	8.4	21.4	20	19	17	16	14	13	11
17	25	27 022	66 771	8.4	21.4	20	19	17	16	14	13	11
19	27	27 964	69 098	8.1	20.7	21	19	18	16	15	13	11
17	24	28 148	69 553	8.1	20.5	21	20	18	16	15	13	11
19	26	29 039	71 756	7.8	19.9	22	20	19	17	15	13	12
17	23	29 371	72 577	7.7	19.7	22	20	19	17	15	14	12
19	25	30 201	74 626	7.5	19.1	23	21	19	18	16	14	12
19	24	31 459	77 735	7.2	18.4	24	22	20	18	16	15	13
23	28	32 642	80 658	7.0	17.7	25	23	21	19	17	15	13
19	23	32 827	81 115	6.9	17.6	25	23	21	19	17	15	13
23	27	33 851	83 645	6.7	17.1	26	24	22	20	18	16	14
24	28	34 061	84 165	6.7	17.0	26	24	22	20	18	16	14
23	26	35 153	86 862	6.5	16.4	27	24	22	20	18	16	14
24	27	35 322	87 282	6.4	16.4	27	25	23	20	18	16	14
25	28	35 480	87 671	6.4	16.3	27	25	23	21	19	16	14
17	19	35 555	87 856	6.4	16.3	27	25	23	21	19	16	14
23	25	36 559	90 337	6.2	15.8	28	25	23	21	19	17	15
24	26	36 681	90 639	6.2	15.8	28	26	23	21	19	17	15
25	27	36 794	90 918	6.2	15.7	28	26	23	21	19	17	15
26	28	36 899	91 178	6.2	15.7	28	26	24	21	19	17	15
23	24	38 082	94 101	6.0	15.2	29	27	24	22	20	18	15
24	25	38 148	94 264	6.0	15.2	29	27	24	22	20	18	15
25	26	38 209	94 415	6.0	15.1	29	27	24	22	20	18	16
26	27	38 266	94 555	5.9	15.1	29	27	24	22	20	18	16
27	28	38 319	94 685	5.9	15.1	29	27	24	22	20	18	16
23	23	39 738	98 192	5.7	14.5	30	28	25	23	21	18	16
28	27	41 209	101 829	5.5	14.0		29	26	24	22	19	17
27	26	41 266	101 969	5.5	14.0		29	26	24	22	19	17
26	25	41 327	102 120	5.5	14.0		29	26	24	22	19	17
25	24	41 393	102 283	5.5	14.0		29	26	24	22	19	17
24	23	41 465	102 461	5.5	13.9		29	26	24	22	19	17
28	26	42 794	105 745	5.3	13.5		30	27	25	22	20	17
27	25	42 917	106 047	5.3	13.5		30	27	25	22	20	17
26	24	43 049	106 375	5.3	13.4		30	27	25	22	20	17
25	23	43 193	106 730	5.3	13.4		30	28	25	23	20	18
19	17	44 413	109 744	5.1	13.0			28	26	23	21	18
28	25	44 506	109 975	5.1	13.0			28	26	23	21	18
27	24	44 705	110 466	5.1	12.9			29	26	23	21	18
26	23	44 921	111 000	5.1	12.9			29	26	23	21	18
28	24	46 361	114 557	4.9	12.5			30	27	24	22	19
27	23	46 649	115 269	4.9	12.4			30	27	24	22	19
23	19	48 104	118 864	4.7	12.0				28	25	22	20
28	23	48 376	119 538	4.7	12.0				28	25	22	20
24	19	50 195	124 032	4.5	11.5				29	26	23	20
25	19	52 286	129 200	4.4	11.1				30	27	24	21
23	17	53 763	132 848	4.2	10.8					28	25	22
26	19	54 378	134 368	4.2	10.6					28	25	22
24	17	56 100	138 624	4.1	10.3					29	26	23
27	19	56 469	139 536	4.0	10.2					29	26	23
25	17	58 438	144 400	3.9	9.9						27	24
28	19	58 561	144 704	3.9	9.9	Not Recommended					27	24
26	17	60 775	150 176	3.7	9.5						28	25
27	17	63 113	155 952	3.6	9.2						29	26
28	17	65 450	161 728	3.5	8.8						30	27

68285F

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN
Twin Row 30in
(Twin Row 76.2cm)
Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 20 Driven = 60				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	17 731	43 813	23.6	59.9	12	11	10				
17	27	18 387	45 435	22.7	57.8	13	12	11	10			
17	26	19 095	47 183	21.9	55.6	13	12	11	10	Not Recommended		
19	28	19 817	48 967	21.1	53.6	14	13	11	10			
17	25	19 858	49 070	21.1	53.5	14	13	11	10			
19	27	20 551	50 781	20.3	51.7	14	13	12	11	10		
17	24	20 686	51 115	20.2	51.3	14	13	12	11	10		
19	26	21 341	52 734	19.6	49.8	15	13	12	11	10		
17	23	21 585	53 337	19.4	49.2	15	14	12	11	10		
19	25	22 195	54 843	18.8	47.9	15	14	13	12	11		
19	24	23 119	57 128	18.1	45.9	16	15	13	12	11	10	
23	28	23 989	59 276	17.4	44.3	16	15	14	13	11	10	
19	23	24 125	59 612	17.3	44.0	16	15	14	13	11	10	
23	27	24 877	61 471	16.8	42.7	17	16	14	13	12	10	
24	28	25 032	61 853	16.7	42.4	17	16	14	13	12	11	
23	26	25 834	63 836	16.2	41.1	18	16	15	14	12	11	10
24	27	25 959	64 144	16.1	40.9	18	16	15	14	12	11	10
25	28	26 075	64 430	16.0	40.7	18	16	15	14	12	11	10
17	19	26 129	64 566	16.0	40.7	18	16	15	14	12	11	10
23	25	26 867	66 389	15.6	39.5	18	17	16	14	13	11	10
24	26	26 957	66 611	15.5	39.4	18	17	16	14	13	11	10
25	27	27 040	66 817	15.5	39.3	18	17	16	14	13	11	10
26	28	27 118	67 007	15.4	39.2	19	17	16	14	13	11	10
23	24	27 987	69 155	14.9	38.0	19	18	16	15	13	12	10
24	25	28 035	69 275	14.9	37.9	19	18	16	15	13	12	10
25	26	28 080	69 386	14.9	37.8	19	18	16	15	13	12	10
26	27	28 122	69 489	14.9	37.8	19	18	16	15	13	12	10
27	28	28 161	69 585	14.8	37.7	19	18	16	15	13	12	10
23	23	29 204	72 162	14.3	36.4	20	18	17	15	14	12	11
28	27	30 285	74 835	13.8	35.1	21	19	18	16	14	13	11
27	26	30 327	74 937	13.8	35.0	21	19	18	16	14	13	11
26	25	30 372	75 048	13.8	35.0	21	19	18	16	14	13	11
25	24	30 420	75 169	13.7	34.9	21	19	18	16	14	13	11
24	23	30 473	75 299	13.7	34.9	21	19	18	16	14	13	11
28	26	31 450	77 713	13.3	33.8	22	20	18	17	15	13	12
27	25	31 540	77 935	13.3	33.7	22	20	18	17	15	13	12
26	24	31 637	78 175	13.2	33.6	22	20	18	17	15	13	12
25	23	31 743	78 437	13.2	33.5	22	20	18	17	15	13	12
19	17	32 639	80 652	12.8	32.5	22	21	19	17	15	14	12
28	25	32 708	80 821	12.8	32.5	22	21	19	17	15	14	12
27	24	32 854	81 182	12.7	32.3	22	21	19	17	16	14	12
26	23	33 013	81 574	12.7	32.2	23	21	19	17	16	14	12
28	24	34 071	84 189	12.3	31.2	23	22	20	18	16	14	13
27	23	34 282	84 712	12.2	31.0	23	22	20	18	16	14	13
23	19	35 352	87 354	11.8	30.0	24	22	20	19	17	15	13
28	23	35 552	87 849	11.8	29.9	24	22	21	19	17	15	13
24	19	36 889	91 152	11.3	28.8	25	23	21	19	17	16	14
25	19	38 426	94 950	10.9	27.6	26	24	22	20	18	16	14
23	17	39 511	97 631	10.6	26.9	27	25	23	21	19	17	15
26	19	39 963	98 748	10.5	26.6	27	25	23	21	19	17	15
24	17	41 229	101 876	10.1	25.8	28	26	24	22	20	17	15
27	19	41 500	102 546	10.1	25.6	28	26	24	22	20	17	15
25	17	42 946	106 120	9.7	24.7	29	27	25	23	20	18	16
28	19	43 037	106 344	9.7	24.7	29	27	25	23	20	18	16
26	17	44 664	110 365	9.4	23.8		28	26	23	21	19	16
27	17	46 382	114 610	9.0	22.9		29	27	24	22	20	17
28	17	48 100	118 855	8.7	22.1		30	28	25	23	20	18

68285G

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

Twin Row 30in
(Twin Row 76.2cm)
Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	26 596	65 719	15.7	39.9	18	17	15	14	13	11	10
17	27	27 581	68 153	15.2	38.5	19	17	16	15	13	12	10
17	26	28 642	70 774	14.6	37.1	20	18	17	15	14	12	11
19	28	29 725	73 451	14.1	35.7	20	19	17	16	14	13	11
17	25	29 788	73 605	14.0	35.7	20	19	17	16	14	13	11
19	27	30 826	76 171	13.6	34.5	21	19	18	16	15	13	11
17	24	31 029	76 672	13.5	34.2	21	20	18	16	15	13	11
19	26	32 012	79 101	13.1	33.2	22	20	19	17	15	13	12
17	23	32 378	80 006	12.9	32.8	22	20	19	17	15	14	12
19	25	33 292	82 265	12.6	31.9	23	21	19	18	16	14	12
19	24	34 679	85 692	12.1	30.6	24	22	20	18	16	15	13
23	28	35 983	88 914	11.6	29.5	25	23	21	19	17	15	13
19	23	36 187	89 418	11.6	29.4	25	23	21	19	17	15	13
23	27	37 316	92 207	11.2	28.5	26	24	22	20	18	16	14
24	28	37 547	92 780	11.1	28.3	26	24	22	20	18	16	14
23	26	38 751	95 753	10.8	27.4	27	24	22	20	18	16	14
24	27	38 938	96 216	10.7	27.3	27	25	23	20	18	16	14
25	28	39 112	96 645	10.7	27.2	27	25	23	21	19	16	14
17	19	39 194	96 849	10.7	27.1	27	25	23	21	19	16	14
23	25	40 301	99 583	10.4	26.4	28	25	23	21	19	17	15
24	26	40 436	99 916	10.3	26.3	28	26	23	21	19	17	15
25	27	40 560	100 225	10.3	26.2	28	26	23	21	19	17	15
26	28	40 676	100 511	10.3	26.1	28	26	24	21	19	17	15
23	24	41 980	103 733	10.0	25.3	29	27	24	22	20	18	15
24	25	42 053	103 913	9.9	25.3	29	27	24	22	20	18	15
25	26	42 120	104 080	9.9	25.2	29	27	24	22	20	18	16
26	27	42 183	104 234	9.9	25.2	29	27	24	22	20	18	16
27	28	42 241	104 377	9.9	25.1	29	27	24	22	20	18	16
23	23	43 805	108 243	9.5	24.2	30	28	25	23	21	18	16
28	27	45 428	112 252	9.2	23.4		29	26	24	22	19	17
27	26	45 490	112 406	9.2	23.3		29	26	24	22	19	17
26	25	45 557	112 573	9.2	23.3		29	26	24	22	19	17
25	24	45 631	112 753	9.2	23.3		29	26	24	22	19	17
24	23	45 710	112 949	9.1	23.2		29	26	24	22	19	17
28	26	47 175	116 569	8.9	22.5		30	27	25	22	20	17
27	25	47 310	116 902	8.8	22.5		30	27	25	22	20	17
26	24	47 456	117 263	8.8	22.4		30	27	25	22	20	17
25	23	47 614	117 655	8.8	22.3		30	28	25	23	20	18
19	17	48 959	120 977	8.5	21.7			28	26	23	21	18
28	25	49 062	121 232	8.5	21.6			28	26	23	21	18
27	24	49 281	121 773	8.5	21.6			29	26	23	21	18
26	23	49 519	122 361	8.4	21.4			29	26	23	21	18
28	24	51 106	126 283	8.2	20.8			30	27	24	22	19
27	23	51 424	127 068	8.1	20.7			30	27	24	22	19
23	19	53 027	131 031	7.9	20.0				28	25	22	20
28	23	53 328	131 774	7.8	19.9				28	25	22	20
24	19	55 333	136 728	7.6	19.2				29	26	23	20
25	19	57 639	142 425	7.3	18.4				30	27	24	21
23	17	59 266	146 446	7.1	17.9					28	25	22
26	19	59 944	148 122	7.0	17.7					28	25	22
24	17	61 843	152 813	6.8	17.2					29	26	23
27	19	62 250	153 819	6.7	17.1					29	26	23
25	17	64 420	159 181	6.5	16.5						27	24
28	19	64 555	159 516	6.5	16.5	Not Recommended					27	24
26	17	66 996	165 548	6.2	15.9						28	25
27	17	69 573	171 915	6.0	15.3						29	26
28	17	72 150	178 282	5.8	14.7						30	27

68285H

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

30in Rows (76.2cm Rows)

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets Driving = 15 Driven = 30

Transmission Combinations		Seed Population		Seed Spacing		Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	13 298	32 859	15.7	39.9	18	17	15	14	13	11	10
17	27	13 791	34 076	15.2	38.5	19	17	16	15	13	12	10
17	26	14 321	35 387	14.6	37.1	20	18	17	15	14	12	11
19	28	14 863	36 725	14.1	35.7	20	19	17	16	14	13	11
17	25	14 894	36 803	14.0	35.7	20	19	17	16	14	13	11
19	27	15 413	38 085	13.6	34.5	21	19	18	16	15	13	11
17	24	15 514	38 336	13.5	34.2	21	20	18	16	15	13	11
19	26	16 006	39 550	13.1	33.2	22	20	19	17	15	13	12
17	23	16 189	40 003	12.9	32.8	22	20	19	17	15	14	12
19	25	16 646	41 132	12.6	31.9	23	21	19	18	16	14	12
19	24	17 340	42 846	12.1	30.6	24	22	20	18	16	15	13
23	28	17 991	44 457	11.6	29.5	25	23	21	19	17	15	13
19	23	18 093	44 709	11.6	29.4	25	23	21	19	17	15	13
23	27	18 658	46 103	11.2	28.5	26	24	22	20	18	16	14
24	28	18 774	46 390	11.1	28.3	26	24	22	20	18	16	14
23	26	19 375	47 877	10.8	27.4	27	24	22	20	18	16	14
24	27	19 469	48 108	10.7	27.3	27	25	23	20	18	16	14
25	28	19 556	48 323	10.7	27.2	27	25	23	21	19	16	14
17	19	19 597	48 424	10.7	27.1	27	25	23	21	19	16	14
23	25	20 150	49 792	10.4	26.4	28	25	23	21	19	17	15
24	26	20 218	49 958	10.3	26.3	28	26	23	21	19	17	15
25	27	20 280	50 112	10.3	26.2	28	26	23	21	19	17	15
26	28	20 338	50 256	10.3	26.1	28	26	24	21	19	17	15
23	24	20 990	51 866	10.0	25.3	29	27	24	22	20	18	15
24	25	21 027	51 957	9.9	25.3	29	27	24	22	20	18	15
25	26	21 060	52 040	9.9	25.2	29	27	24	22	20	18	16
26	27	21 091	52 117	9.9	25.2	29	27	24	22	20	18	16
27	28	21 120	52 189	9.9	25.1	29	27	24	22	20	18	16
23	23	21 903	54 121	9.5	24.2	30	28	25	23	21	18	16
28	27	22 714	56 126	9.2	23.4		29	26	24	22	19	17
27	26	22 745	56 203	9.2	23.3		29	26	24	22	19	17
26	25	22 779	56 286	9.2	23.3		29	26	24	22	19	17
25	24	22 815	56 376	9.2	23.3		29	26	24	22	19	17
24	23	22 855	56 475	9.1	23.2		29	26	24	22	19	17
28	26	23 587	58 285	8.9	22.5		30	27	25	22	20	17
27	25	23 655	58 451	8.8	22.5		30	27	25	22	20	17
26	24	23 728	58 632	8.8	22.4		30	27	25	22	20	17
25	23	23 807	58 828	8.8	22.3		30	28	25	23	20	18
19	17	24 479	60 489	8.5	21.7			28	26	23	21	18
28	25	24 531	60 616	8.5	21.6			28	26	23	21	18
27	24	24 640	60 887	8.5	21.6			29	26	23	21	18
26	23	24 760	61 181	8.4	21.4			29	26	23	21	18
28	24	25 553	63 142	8.2	20.8			30	27	24	22	19
27	23	25 712	63 534	8.1	20.7			30	27	24	22	19
23	19	26 514	65 515	7.9	20.0				28	25	22	20
28	23	26 664	65 887	7.8	19.9				28	25	22	20
24	19	27 666	68 364	7.6	19.2				29	26	23	20
25	19	28 819	71 212	7.3	18.4				30	27	24	21
23	17	29 633	73 223	7.1	17.9					28	25	22
26	19	29 972	74 061	7.0	17.7					28	25	22
24	17	30 921	76 407	6.8	17.2					29	26	23
27	19	31 125	76 909	6.7	17.1					29	26	23
25	17	32 210	79 590	6.5	16.5						27	24
28	19	32 278	79 758	6.5	16.5	Not Recommended					27	24
26	17	33 498	82 774	6.2	15.9						28	25
27	17	34 787	85 958	6.0	15.3						29	26
28	17	36 075	89 141	5.8	14.7						30	27

68285J

YP1225A-1625A
40 Cell Disk
817-796C Round Corn Large
837-127C Round Corn Med
817-797C Round Corn Small
817-838C Flat Corn Large

CORN

30in Rows (76.2cm Rows)

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	22 163	54 766	9.4	24.0	18	17	15	14	13	11	10
17	27	22 984	56 794	9.1	23.1	19	17	16	15	13	12	10
17	26	23 868	58 978	8.8	22.3	20	18	17	15	14	12	11
19	28	24 771	61 209	8.4	21.4	20	19	17	16	14	13	11
17	25	24 823	61 338	8.4	21.4	20	19	17	16	14	13	11
19	27	25 688	63 476	8.1	20.7	21	19	18	16	15	13	11
17	24	25 857	63 893	8.1	20.5	21	20	18	16	15	13	11
19	26	26 676	65 917	7.8	19.9	22	20	19	17	15	13	12
17	23	26 982	66 671	7.7	19.7	22	20	19	17	15	14	12
19	25	27 743	68 554	7.5	19.1	23	21	19	18	16	14	12
19	24	28 899	71 410	7.2	18.4	24	22	20	18	16	15	13
23	28	29 986	74 095	7.0	17.7	25	23	21	19	17	15	13
19	23	30 156	74 515	6.9	17.6	25	23	21	19	17	15	13
23	27	31 096	76 839	6.7	17.1	26	24	22	20	18	16	14
24	28	31 289	77 316	6.7	17.0	26	24	22	20	18	16	14
23	26	32 292	79 794	6.5	16.4	27	24	22	20	18	16	14
24	27	32 448	80 180	6.4	16.4	27	25	23	20	18	16	14
25	28	32 593	80 538	6.4	16.3	27	25	23	21	19	16	14
17	19	32 662	80 707	6.4	16.3	27	25	23	21	19	16	14
23	25	33 584	82 986	6.2	15.8	28	25	23	21	19	17	15
24	26	33 696	83 264	6.2	15.8	28	26	23	21	19	17	15
25	27	33 800	83 521	6.2	15.7	28	26	23	21	19	17	15
26	28	33 897	83 759	6.2	15.7	28	26	24	21	19	17	15
23	24	34 983	86 444	6.0	15.2	29	27	24	22	20	18	15
24	25	35 044	86 594	6.0	15.2	29	27	24	22	20	18	15
25	26	35 100	86 733	6.0	15.1	29	27	24	22	20	18	16
26	27	35 152	86 862	5.9	15.1	29	27	24	22	20	18	16
27	28	35 201	86 981	5.9	15.1	29	27	24	22	20	18	16
23	23	36 504	90 202	5.7	14.5	30	28	25	23	21	18	16
28	27	37 856	93 543	5.5	14.0		29	26	24	22	19	17
27	26	37 908	93 672	5.5	14.0		29	26	24	22	19	17
26	25	37 965	93 810	5.5	14.0		29	26	24	22	19	17
25	24	38 025	93 961	5.5	14.0		29	26	24	22	19	17
24	23	38 092	94 124	5.5	13.9		29	26	24	22	19	17
28	26	39 312	97 141	5.3	13.5		30	27	25	22	20	17
27	25	39 425	97 419	5.3	13.5		30	27	25	22	20	17
26	24	39 546	97 719	5.3	13.4		30	27	25	22	20	17
25	23	39 679	98 046	5.3	13.4		30	28	25	23	20	18
19	17	40 799	100 814	5.1	13.0			28	26	23	21	18
28	25	40 885	101 027	5.1	13.0			28	26	23	21	18
27	24	41 067	101 478	5.1	12.9			29	26	23	21	18
26	23	41 266	101 968	5.1	12.9			29	26	23	21	18
28	24	42 588	105 236	4.9	12.5			30	27	24	22	19
27	23	42 853	105 890	4.9	12.4			30	27	24	22	19
23	19	44 190	109 192	4.7	12.0				28	25	22	20
28	23	44 440	109 812	4.7	12.0				28	25	22	20
24	19	46 111	113 940	4.5	11.5				29	26	23	20
25	19	48 032	118 687	4.4	11.1				30	27	24	21
23	17	49 388	122 039	4.2	10.8					28	25	22
26	19	49 953	123 435	4.2	10.6					28	25	22
24	17	51 536	127 345	4.1	10.3					29	26	23
27	19	51 875	128 182	4.0	10.2					29	26	23
25	17	53 683	132 651	3.9	9.9						27	24
28	19	53 796	132 930	3.9	9.9	Not Recommended					27	24
26	17	55 830	137 957	3.7	9.5						28	25
27	17	57 978	143 263	3.6	9.2						29	26
28	17	60 125	148 569	3.5	8.8						30	27

68285K

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

Twin Row 36in
(Twin Row 91.4cm)
Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 20 Driven = 60				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	14 776	36 510	23.6	59.9	12	11	10				
17	27	15 323	37 863	22.7	57.8	13	12	11	10			
17	26	15 912	39 319	21.9	55.6	13	12	11	10	Not Recommended		
19	28	16 514	40 806	21.1	53.6	14	13	11	10			
17	25	16 549	40 892	21.1	53.5	14	13	11	10			
19	27	17 126	42 317	20.3	51.7	14	13	12	11	10		
17	24	17 238	42 596	20.2	51.3	14	13	12	11	10		
19	26	17 784	43 945	19.6	49.8	15	13	12	11	10		
17	23	17 988	44 448	19.4	49.2	15	14	12	11	10		
19	25	18 496	45 703	18.8	47.9	15	14	13	12	11		
19	24	19 266	47 607	18.1	45.9	16	15	13	12	11	10	
23	28	19 991	49 397	17.4	44.3	16	15	14	13	11	10	
19	23	20 104	49 677	17.3	44.0	16	15	14	13	11	10	
23	27	20 731	51 226	16.8	42.7	17	16	14	13	12	10	
24	28	20 860	51 544	16.7	42.4	17	16	14	13	12	11	
23	26	21 528	53 196	16.2	41.1	18	16	15	14	12	11	10
24	27	21 632	53 453	16.1	40.9	18	16	15	14	12	11	10
25	28	21 729	53 692	16.0	40.7	18	16	15	14	12	11	10
17	19	21 775	53 805	16.0	40.7	18	16	15	14	12	11	10
23	25	22 389	55 324	15.6	39.5	18	17	16	14	13	11	10
24	26	22 464	55 509	15.5	39.4	18	17	16	14	13	11	10
25	27	22 534	55 680	15.5	39.3	18	17	16	14	13	11	10
26	28	22 598	55 840	15.4	39.2	19	17	16	14	13	11	10
23	24	23 322	57 629	14.9	38.0	19	18	16	15	13	12	10
24	25	23 363	57 730	14.9	37.9	19	18	16	15	13	12	10
25	26	23 400	57 822	14.9	37.8	19	18	16	15	13	12	10
26	27	23 435	57 908	14.9	37.8	19	18	16	15	13	12	10
27	28	23 467	57 987	14.8	37.7	19	18	16	15	13	12	10
23	23	24 336	60 135	14.3	36.4	20	18	17	15	14	12	11
28	27	25 238	62 362	13.8	35.1	21	19	18	16	14	13	11
27	26	25 272	62 448	13.8	35.0	21	19	18	16	14	13	11
26	25	25 310	62 540	13.8	35.0	21	19	18	16	14	13	11
25	24	25 350	62 641	13.7	34.9	21	19	18	16	14	13	11
24	23	25 394	62 749	13.7	34.9	21	19	18	16	14	13	11
28	26	26 208	64 761	13.3	33.8	22	20	18	17	15	13	12
27	25	26 283	64 946	13.3	33.7	22	20	18	17	15	13	12
26	24	26 364	65 146	13.2	33.6	22	20	18	17	15	13	12
25	23	26 452	65 364	13.2	33.5	22	20	18	17	15	13	12
19	17	27 199	67 210	12.8	32.5	22	21	19	17	15	14	12
28	25	27 257	67 351	12.8	32.5	22	21	19	17	15	14	12
27	24	27 378	67 652	12.7	32.3	22	21	19	17	16	14	12
26	23	27 511	67 979	12.7	32.2	23	21	19	17	16	14	12
28	24	28 392	70 157	12.3	31.2	23	22	20	18	16	14	13
27	23	28 569	70 593	12.2	31.0	23	22	20	18	16	14	13
23	19	29 460	72 795	11.8	30.0	24	22	20	19	17	15	13
28	23	29 627	73 208	11.8	29.9	24	22	21	19	17	15	13
24	19	30 741	75 960	11.3	28.8	25	23	21	19	17	16	14
25	19	32 021	79 125	10.9	27.6	26	24	22	20	18	16	14
23	17	32 926	81 359	10.6	26.9	27	25	23	21	19	17	15
26	19	33 302	82 290	10.5	26.6	27	25	23	21	19	17	15
24	17	34 357	84 896	10.1	25.8	28	26	24	22	20	17	15
27	19	34 583	85 455	10.1	25.6	28	26	24	22	20	17	15
25	17	35 789	88 434	9.7	24.7	29	27	25	23	20	18	16
28	19	35 864	88 620	9.7	24.7	29	27	25	23	20	18	16
26	17	37 220	91 971	9.4	23.8		28	26	23	21	19	16
27	17	38 652	95 508	9.0	22.9		29	27	24	22	20	17
28	17	40 083	99 046	8.7	22.1		30	28	25	23	20	18

68285L

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

Twin Row 36in
(Twin Row 91.4cm)
Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	22 163	54 766	15.7	39.9	18	17	15	14	13	11	10
17	27	22 984	56 794	15.2	38.5	19	17	16	15	13	12	10
17	26	23 868	58 978	14.6	37.1	20	18	17	15	14	12	11
19	28	24 771	61 209	14.1	35.7	20	19	17	16	14	13	11
17	25	24 823	61 338	14.0	35.7	20	19	17	16	14	13	11
19	27	25 688	63 476	13.6	34.5	21	19	18	16	15	13	11
17	24	25 857	63 893	13.5	34.2	21	20	18	16	15	13	11
19	26	26 676	65 917	13.1	33.2	22	20	19	17	15	13	12
17	23	26 982	66 671	12.9	32.8	22	20	19	17	15	14	12
19	25	27 743	68 554	12.6	31.9	23	21	19	18	16	14	12
19	24	28 899	71 410	12.1	30.6	24	22	20	18	16	15	13
23	28	29 986	74 095	11.6	29.5	25	23	21	19	17	15	13
19	23	30 156	74 515	11.6	29.4	25	23	21	19	17	15	13
23	27	31 096	76 839	11.2	28.5	26	24	22	20	18	16	14
24	28	31 289	77 316	11.1	28.3	26	24	22	20	18	16	14
23	26	32 292	79 794	10.8	27.4	27	24	22	20	18	16	14
24	27	32 448	80 180	10.7	27.3	27	25	23	20	18	16	14
25	28	32 593	80 538	10.7	27.2	27	25	23	21	19	16	14
17	19	32 662	80 707	10.7	27.1	27	25	23	21	19	16	14
23	25	33 584	82 986	10.4	26.4	28	25	23	21	19	17	15
24	26	33 696	83 264	10.3	26.3	28	26	23	21	19	17	15
25	27	33 800	83 521	10.3	26.2	28	26	23	21	19	17	15
26	28	33 897	83 759	10.3	26.1	28	26	24	21	19	17	15
23	24	34 983	86 444	10.0	25.3	29	27	24	22	20	18	15
24	25	35 044	86 594	9.9	25.3	29	27	24	22	20	18	15
25	26	35 100	86 733	9.9	25.2	29	27	24	22	20	18	16
26	27	35 152	86 862	9.9	25.2	29	27	24	22	20	18	16
27	28	35 201	86 981	9.9	25.1	29	27	24	22	20	18	16
23	23	36 504	90 202	9.5	24.2	30	28	25	23	21	18	16
28	27	37 856	93 543	9.2	23.4		29	26	24	22	19	17
27	26	37 908	93 672	9.2	23.3		29	26	24	22	19	17
26	25	37 965	93 810	9.2	23.3		29	26	24	22	19	17
25	24	38 025	93 961	9.2	23.3		29	26	24	22	19	17
24	23	38 092	94 124	9.1	23.2		29	26	24	22	19	17
28	26	39 312	97 141	8.9	22.5		30	27	25	22	20	17
27	25	39 425	97 419	8.8	22.5		30	27	25	22	20	17
26	24	39 546	97 719	8.8	22.4		30	27	25	22	20	17
25	23	39 679	98 046	8.8	22.3		30	28	25	23	20	18
19	17	40 799	100 814	8.5	21.7			28	26	23	21	18
28	25	40 885	101 027	8.5	21.6			28	26	23	21	18
27	24	41 067	101 478	8.5	21.6			29	26	23	21	18
26	23	41 266	101 968	8.4	21.4			29	26	23	21	18
28	24	42 588	105 236	8.2	20.8			30	27	24	22	19
27	23	42 853	105 890	8.1	20.7			30	27	24	22	19
23	19	44 190	109 192	7.9	20.0				28	25	22	20
28	23	44 440	109 812	7.8	19.9				28	25	22	20
24	19	46 111	113 940	7.6	19.2				29	26	23	20
25	19	48 032	118 687	7.3	18.4				30	27	24	21
23	17	49 388	122 039	7.1	17.9					28	25	22
26	19	49 953	123 435	7.0	17.7					28	25	22
24	17	51 536	127 345	6.8	17.2					29	26	23
27	19	51 875	128 182	6.7	17.1					29	26	23
25	17	53 683	132 651	6.5	16.5						27	24
28	19	53 796	132 930	6.5	16.5	Not Recommended					27	24
26	17	55 830	137 957	6.2	15.9						28	25
27	17	57 978	143 263	6.0	15.3						29	26
28	17	60 125	148 569	5.8	14.7						30	27

68285M

YP1225A-1625A
24 Cell Disk
817-794C Round Corn Large
837-126C Round Corn Med
817-795C Round Corn Small
817-836C Flat Corn Large

CORN

36in Rows (91.4cm Rows)

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets Driving = 15 Driven = 30

Transmission Combinations		Seed Population		Seed Spacing		Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	11 082	27 383	15.7	39.9	18	17	15	14	13	11	10
17	27	11 492	28 397	15.2	38.5	19	17	16	15	13	12	10
17	26	11 934	29 489	14.6	37.1	20	18	17	15	14	12	11
19	28	12 385	30 604	14.1	35.7	20	19	17	16	14	13	11
17	25	12 411	30 669	14.0	35.7	20	19	17	16	14	13	11
19	27	12 844	31 738	13.6	34.5	21	19	18	16	15	13	11
17	24	12 929	31 947	13.5	34.2	21	20	18	16	15	13	11
19	26	13 338	32 959	13.1	33.2	22	20	19	17	15	13	12
17	23	13 491	33 336	12.9	32.8	22	20	19	17	15	14	12
19	25	13 872	34 277	12.6	31.9	23	21	19	18	16	14	12
19	24	14 450	35 705	12.1	30.6	24	22	20	18	16	15	13
23	28	14 993	37 047	11.6	29.5	25	23	21	19	17	15	13
19	23	15 078	37 258	11.6	29.4	25	23	21	19	17	15	13
23	27	15 548	38 420	11.2	28.5	26	24	22	20	18	16	14
24	28	15 645	38 658	11.1	28.3	26	24	22	20	18	16	14
23	26	16 146	39 897	10.8	27.4	27	24	22	20	18	16	14
24	27	16 224	40 090	10.7	27.3	27	25	23	20	18	16	14
25	28	16 297	40 269	10.7	27.2	27	25	23	21	19	16	14
17	19	16 331	40 354	10.7	27.1	27	25	23	21	19	16	14
23	25	16 792	41 493	10.4	26.4	28	25	23	21	19	17	15
24	26	16 848	41 632	10.3	26.3	28	26	23	21	19	17	15
25	27	16 900	41 760	10.3	26.2	28	26	23	21	19	17	15
26	28	16 948	41 880	10.3	26.1	28	26	24	21	19	17	15
23	24	17 492	43 222	10.0	25.3	29	27	24	22	20	18	15
24	25	17 522	43 297	9.9	25.3	29	27	24	22	20	18	15
25	26	17 550	43 367	9.9	25.2	29	27	24	22	20	18	16
26	27	17 576	43 431	9.9	25.2	29	27	24	22	20	18	16
27	28	17 600	43 490	9.9	25.1	29	27	24	22	20	18	16
23	23	18 252	45 101	9.5	24.2	30	28	25	23	21	18	16
28	27	18 928	46 772	9.2	23.4		29	26	24	22	19	17
27	26	18 954	46 836	9.2	23.3		29	26	24	22	19	17
26	25	18 982	46 905	9.2	23.3		29	26	24	22	19	17
25	24	19 013	46 980	9.2	23.3		29	26	24	22	19	17
24	23	19 046	47 062	9.1	23.2		29	26	24	22	19	17
28	26	19 656	48 571	8.9	22.5		30	27	25	22	20	17
27	25	19 712	48 709	8.8	22.5		30	27	25	22	20	17
26	24	19 773	48 860	8.8	22.4		30	27	25	22	20	17
25	23	19 839	49 023	8.8	22.3		30	28	25	23	20	18
19	17	20 400	50 407	8.5	21.7			28	26	23	21	18
28	25	20 442	50 513	8.5	21.6			28	26	23	21	18
27	24	20 534	50 739	8.5	21.6			29	26	23	21	18
26	23	20 633	50 984	8.4	21.4			29	26	23	21	18
28	24	21 294	52 618	8.2	20.8			30	27	24	22	19
27	23	21 426	52 945	8.1	20.7			30	27	24	22	19
23	19	22 095	54 596	7.9	20.0				28	25	22	20
28	23	22 220	54 906	7.8	19.9				28	25	22	20
24	19	23 055	56 970	7.6	19.2				29	26	23	20
25	19	24 016	59 344	7.3	18.4				30	27	24	21
23	17	24 694	61 019	7.1	17.9					28	25	22
26	19	24 977	61 717	7.0	17.7					28	25	22
24	17	25 768	63 672	6.8	17.2					29	26	23
27	19	25 937	64 091	6.7	17.1					29	26	23
25	17	26 841	66 325	6.5	16.5						27	24
28	19	26 898	66 465	6.5	16.5	Not Recommended					27	24
26	17	27 915	68 978	6.2	15.9						28	25
27	17	28 989	71 631	6.0	15.3						29	26
28	17	30 062	74 284	5.8	14.7						30	27

68285N

YP1225A-1625A
40 Cell Disk
817-796C Round Corn Large
837-127C Round Corn Med
817-797C Round Corn Small
817-838C Flat Corn Large

CORN

36in Rows (91.4cm Rows)

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 3

Range Sprockets		Driving = 15 Driven = 30				Ground Speed						
						6.5 mph 10.5 kph Meter rpm	6 mph 9.7 kph Meter rpm	5.5 mph 8.9 kph Meter rpm	5 mph 8 kph Meter rpm	4.5 mph 7.2 kph Meter rpm	4 mph 6.4 kph Meter rpm	3.5 mph 5.6 kph Meter rpm
Transmission Combinations		Seed Population		Seed Spacing								
Driving	Driven	seeds/acre	seeds/ha	inch	cm	Recommended Meter RPM						
17	28	18 469	45 638	9.4	24.0	18	17	15	14	13	11	10
17	27	19 154	47 328	9.1	23.1	19	17	16	15	13	12	10
17	26	19 890	49 149	8.8	22.3	20	18	17	15	14	12	11
19	28	20 642	51 007	8.4	21.4	20	19	17	16	14	13	11
17	25	20 686	51 115	8.4	21.4	20	19	17	16	14	13	11
19	27	21 407	52 896	8.1	20.7	21	19	18	16	15	13	11
17	24	21 548	53 244	8.1	20.5	21	20	18	16	15	13	11
19	26	22 230	54 931	7.8	19.9	22	20	19	17	15	13	12
17	23	22 485	55 559	7.7	19.7	22	20	19	17	15	14	12
19	25	23 119	57 128	7.5	19.1	23	21	19	18	16	14	12
19	24	24 083	59 509	7.2	18.4	24	22	20	18	16	15	13
23	28	24 988	61 746	7.0	17.7	25	23	21	19	17	15	13
19	23	25 130	62 096	6.9	17.6	25	23	21	19	17	15	13
23	27	25 914	64 033	6.7	17.1	26	24	22	20	18	16	14
24	28	26 075	64 430	6.7	17.0	26	24	22	20	18	16	14
23	26	26 910	66 495	6.5	16.4	27	24	22	20	18	16	14
24	27	27 040	66 817	6.4	16.4	27	25	23	20	18	16	14
25	28	27 161	67 115	6.4	16.3	27	25	23	21	19	16	14
17	19	27 218	67 256	6.4	16.3	27	25	23	21	19	16	14
23	25	27 987	69 155	6.2	15.8	28	25	23	21	19	17	15
24	26	28 080	69 386	6.2	15.8	28	26	23	21	19	17	15
25	27	28 167	69 601	6.2	15.7	28	26	23	21	19	17	15
26	28	28 247	69 799	6.2	15.7	28	26	24	21	19	17	15
23	24	29 153	72 037	6.0	15.2	29	27	24	22	20	18	15
24	25	29 204	72 162	6.0	15.2	29	27	24	22	20	18	15
25	26	29 250	72 278	6.0	15.1	29	27	24	22	20	18	16
26	27	29 294	72 385	5.9	15.1	29	27	24	22	20	18	16
27	28	29 334	72 484	5.9	15.1	29	27	24	22	20	18	16
23	23	30 420	75 169	5.7	14.5	30	28	25	23	21	18	16
28	27	31 547	77 953	5.5	14.0		29	26	24	22	19	17
27	26	31 590	78 060	5.5	14.0		29	26	24	22	19	17
26	25	31 637	78 175	5.5	14.0		29	26	24	22	19	17
25	24	31 688	78 301	5.5	14.0		29	26	24	22	19	17
24	23	31 743	78 437	5.5	13.9		29	26	24	22	19	17
28	26	32 760	80 951	5.3	13.5		30	27	25	22	20	17
27	25	32 854	81 182	5.3	13.5		30	27	25	22	20	17
26	24	32 955	81 433	5.3	13.4		30	27	25	22	20	17
25	23	33 066	81 705	5.3	13.4		30	28	25	23	20	18
19	17	33 999	84 012	5.1	13.0			28	26	23	21	18
28	25	34 071	84 189	5.1	13.0			28	26	23	21	18
27	24	34 223	84 565	5.1	12.9			29	26	23	21	18
26	23	34 388	84 973	5.1	12.9			29	26	23	21	18
28	24	35 490	87 697	4.9	12.5			30	27	24	22	19
27	23	35 711	88 241	4.9	12.4			30	27	24	22	19
23	19	36 825	90 994	4.7	12.0				28	25	22	20
28	23	37 033	91 510	4.7	12.0				28	25	22	20
24	19	38 426	94 950	4.5	11.5				29	26	23	20
25	19	40 027	98 906	4.4	11.1				30	27	24	21
23	17	41 157	101 699	4.2	10.8					28	25	22
26	19	41 628	102 862	4.2	10.6					28	25	22
24	17	42 946	106 120	4.1	10.3					29	26	23
27	19	43 229	106 819	4.0	10.2					29	26	23
25	17	44 736	110 542	3.9	9.9						27	24
28	19	44 830	110 775	3.9	9.9	Not Recommended					27	24
26	17	46 525	114 964	3.7	9.5						28	25
27	17	48 315	119 385	3.6	9.2						29	26
28	17	50 104	123 807	3.5	8.8						30	27

68285P

YP1225A-1625A
60 Cell Disk
817-857C COTTON

COTTON

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**33 245**	**82 149**	12.6	31.9	8	13	10.5	26.6	8	13
17	27	**34 476**	**85 191**	12.1	30.8	8	13	10.1	25.7	8	13
17	26	**35 802**	**88 468**	11.7	29.7	8	13	9.7	24.7	8	13
19	28	**37 156**	**91 813**	11.3	28.6	8	13	9.4	23.8	8	13
17	25	**37 234**	**92 006**	11.2	28.5	8	13	9.4	23.8	8	13
19	27	**38 532**	**95 214**	10.9	27.6	8	13	9.0	23.0	8	13
17	24	**38 786**	**95 840**	10.8	27.4	8	13	9.0	22.8	8	13
19	26	**40 014**	**98 876**	10.5	26.5	8	13	8.7	22.1	8	13
17	23	**40 472**	**100 007**	10.3	26.2	8	13	8.6	21.9	8	13
19	25	**41 615**	**102 831**	10.0	25.5	8	13	8.4	21.3	8	13
19	24	**43 349**	**107 115**	9.6	24.5	8	13	8.0	20.4	8	13
23	28	**44 979**	**111 142**	9.3	23.6	8	13	7.7	19.7	8	13
19	23	**45 234**	**111 773**	9.2	23.5	8	13	7.7	19.6	8	13
23	27	**46 645**	**115 259**	9.0	22.8	8	13	7.5	19.0	8	13
24	28	**46 934**	**115 974**	8.9	22.6	8	13	7.4	18.9	8	13
23	26	**48 439**	**119 692**	8.6	21.9	8	13	7.2	18.3	8	13
24	27	**48 673**	**120 270**	8.6	21.8	8	13	7.2	18.2	8	13
25	28	**48 890**	**120 807**	8.6	21.7	8	13	7.1	18.1	8	13
17	19	**48 993**	**121 061**	8.5	21.7	8	13	7.1	18.1	8	13
23	25	**50 376**	**124 479**	8.3	21.1	8	13	6.9	17.6	8	13
24	26	**50 545**	**124 896**	8.3	21.0	8	13	6.9	17.5	8	13
25	27	**50 701**	**125 281**	8.2	20.9	8	13	6.9	17.5	8	13
26	28	**50 845**	**125 639**	8.2	20.9	8	13	6.9	17.4	8	13
23	24	**52 475**	**129 666**	8.0	20.2	8	13	6.6	16.9	8	13
24	25	**52 566**	**129 891**	8.0	20.2	8	13	6.6	16.8	8	13
25	26	**52 651**	**130 100**	7.9	20.2	8	13	6.6	16.8	8	13
26	27	**52 729**	**130 292**	7.9	20.1	8	13	6.6	16.8	8	13
27	28	**52 801**	**130 471**	7.9	20.1	8	13	6.6	16.8	8	13
23	23	**54 757**	**135 304**	7.6	19.4	8	13	6.4	16.2	8	13
28	27	**56 785**	**140 315**	7.4	18.7	8	13	6.1	15.6	8	13
27	26	**56 863**	**140 508**	7.4	18.7	8	13	6.1	15.6	8	13
26	25	**56 947**	**140 716**	7.3	18.7	8	13	6.1	15.5	8	13
25	24	**57 038**	**140 941**	7.3	18.6	8	13	6.1	15.5	8	13
24	23	**57 137**	**141 186**	7.3	18.6	8	13	6.1	15.5	8	13
28	26	**58 969**	**145 712**	7.1	18.0	8	13	5.9	15.0	8	13
27	25	**59 137**	**146 128**	7.1	18.0	8	13	5.9	15.0	8	13
26	24	**59 320**	**146 579**	7.0	17.9	8	13	5.9	14.9	8	13
25	23	**59 518**	**147 069**	7.0	17.8	8	13	5.9	14.9	8	13
19	17	**61 199**	**151 222**	6.8	17.4	8	13	5.7	14.5	8	13
28	25	**61 327**	**151 540**	6.8	17.3	8	13	5.7	14.4	8	13
27	24	**61 601**	**152 217**	6.8	17.2	8	13	5.7	14.4	8	13
26	23	**61 899**	**152 952**	6.8	17.2	8	13	5.6	14.3	8	13
28	24	**63 883**	**157 854**	6.5	16.6	8	13	5.5	13.9	8	13
27	23	**64 279**	**158 835**	6.5	16.5	8	13	5.4	13.8	8	13
23	19	**66 284**	**163 789**	6.3	16.0	8	13	5.3	13.4	8	13
28	23	**66 660**	**164 717**	6.3	15.9	8	13	5.2	13.3	8	13
24	19	**69 166**	**170 910**	6.0	15.4	8	13	5.0	12.8	8	13
25	19	**72 048**	**178 031**	5.8	14.7	8	13	4.8	12.3	8	13
23	17	**74 082**	**183 058**	5.6	14.3	8	13	4.7	11.9	8	13
26	19	**74 930**	**185 152**	5.6	14.2	8	13	4.7	11.8	8	13
24	17	**77 303**	**191 017**	5.4	13.7	8	13	4.5	11.5	8	13
27	19	**77 812**	**192 273**	5.4	13.7	8	13	4.5	11.4	8	13
25	17	**80 524**	**198 976**	5.2	13.2	8	13	4.3	11.0	7	11
28	19	**80 694**	**199 395**	5.2	13.2	8	13	4.3	11.0	7	11
26	17	**83 745**	**206 935**	5.0	12.7	8	13	4.2	10.6	7	11
27	17	**86 966**	**214 894**	4.8	12.2	8	13	4.0	10.2	7	11
28	17	**90 187**	**222 853**	4.6	11.8	8	13	3.9	9.8	7	11

68287A

YP1225A-1625A
60 Cell Disk
817-857C COTTON

COTTON

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2 Rows) Range Sprockets: Driving = 15 Driven = 30				36in Rows (91.4 Rows) Range Sprockets: Driving = 18 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**33 245**	**82 149**	9.4	24.0	8	13	6.3	16.0	8	13	5.2	13.3	8	13
17	27	**34 476**	**85 191**	9.1	23.1	8	13	6.1	15.4	8	13	5.1	12.8	8	13
17	26	**35 802**	**88 468**	8.8	22.3	8	13	5.8	14.8	8	13	4.9	12.4	8	13
19	28	**37 156**	**91 813**	8.4	21.4	8	13	5.6	14.3	8	13	4.7	11.9	8	13
17	25	**37 234**	**92 006**	8.4	21.4	8	13	5.6	14.3	8	13	4.7	11.9	8	13
19	27	**38 532**	**95 214**	8.1	20.7	8	13	5.4	13.8	8	13	4.5	11.5	8	13
17	24	**38 786**	**95 840**	8.1	20.5	8	13	5.4	13.7	8	13	4.5	11.4	8	13
19	26	**40 014**	**98 876**	7.8	19.9	8	13	5.2	13.3	8	13	4.4	11.1	7	11
17	23	**40 472**	**100 007**	7.7	19.7	8	13	5.2	13.1	8	13	4.3	10.9	7	11
19	25	**41 615**	**102 831**	7.5	19.1	8	13	5.0	12.8	8	13	4.2	10.6	7	11
19	24	**43 349**	**107 115**	7.2	18.4	8	13	4.8	12.3	8	13	4.0	10.2	7	11
23	28	**44 979**	**111 142**	7.0	17.7	8	13	4.6	11.8	8	13	3.9	9.8	7	11
19	23	**45 234**	**111 773**	6.9	17.6	8	13	4.6	11.7	8	13	3.9	9.8	7	11
23	27	**46 645**	**115 259**	6.7	17.1	8	13	4.5	11.4	8	13	3.7	9.5	6	10
24	28	**46 934**	**115 974**	6.7	17.0	8	13	4.5	11.3	8	13	3.7	9.4	6	10
23	26	**48 439**	**119 692**	6.5	16.4	8	13	4.3	11.0	7	11	3.6	9.1	6	10
24	27	**48 673**	**120 270**	6.4	16.4	8	13	4.3	10.9	7	11	3.6	9.1	6	10
25	28	**48 890**	**120 807**	6.4	16.3	8	13	4.3	10.9	7	11	3.6	9.1	6	10
17	19	**48 993**	**121 061**	6.4	16.3	8	13	4.3	10.8	7	11	3.6	9.0	6	10
23	25	**50 376**	**124 479**	6.2	15.8	8	13	4.2	10.5	7	11	3.5	8.8	6	10
24	26	**50 545**	**124 896**	6.2	15.8	8	13	4.1	10.5	7	11	3.4	8.8	6	10
25	27	**50 701**	**125 281**	6.2	15.7	8	13	4.1	10.5	7	11	3.4	8.7	6	10
26	28	**50 845**	**125 639**	6.2	15.7	8	13	4.1	10.4	7	11	3.4	8.7	6	10
23	24	**52 475**	**129 666**	6.0	15.2	8	13	4.0	10.1	7	11	3.3	8.4	6	10
24	25	**52 566**	**129 891**	6.0	15.2	8	13	4.0	10.1	7	11	3.3	8.4	6	10
25	26	**52 651**	**130 100**	6.0	15.1	8	13	4.0	10.1	7	11	3.3	8.4	6	10
26	27	**52 729**	**130 292**	5.9	15.1	8	13	4.0	10.1	7	11	3.3	8.4	6	10
27	28	**52 801**	**130 471**	5.9	15.1	8	13	4.0	10.1	7	11	3.3	8.4	5	8
23	23	**54 757**	**135 304**	5.7	14.5	8	13	3.8	9.7	6	10	3.2	8.1	5	8
28	27	**56 785**	**140 315**	5.5	14.0	8	13	3.7	9.4	6	10	3.1	7.8	5	8
27	26	**56 863**	**140 508**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
26	25	**56 947**	**140 716**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
25	24	**57 038**	**140 941**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
24	23	**57 137**	**141 186**	5.5	13.9	8	13	3.7	9.3	6	10	3.0	7.7	5	8
28	26	**58 969**	**145 712**	5.3	13.5	8	13	3.5	9.0	6	10	3.0	7.5	5	8
27	25	**59 137**	**146 128**	5.3	13.5	8	13	3.5	9.0	6	10	2.9	7.5	5	8
26	24	**59 320**	**146 579**	5.3	13.4	8	13	3.5	9.0	6	10	2.9	7.5	5	8
25	23	**59 518**	**147 069**	5.3	13.4	8	13	3.5	8.9	6	10	2.9	7.4	5	8
19	17	**61 199**	**151 222**	5.1	13.0	8	13	3.4	8.7	6	10	2.8	7.2	5	8
28	25	**61 327**	**151 540**	5.1	13.0	8	13	3.4	8.7	6	10	2.8	7.2	5	8
27	24	**61 601**	**152 217**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.2	5	8
26	23	**61 899**	**152 952**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.1	5	8
28	24	**63 883**	**157 854**	4.9	12.5	8	13	3.3	8.3	5	8	2.7	6.9	4	6
27	23	**64 279**	**158 835**	4.9	12.4	8	13	3.3	8.3	5	8	2.7	6.9	4	6
23	19	**66 284**	**163 789**	4.7	12.0	8	13	3.2	8.0	5	8	2.6	6.7	4	6
28	23	**66 660**	**164 717**	4.7	12.0	8	13	3.1	8.0	5	8	2.6	6.6	4	6
24	19	**69 166**	**170 910**	4.5	11.5	8	13	3.0	7.7	5	8	2.5	6.4	4	6
25	19	**72 048**	**178 031**	4.4	11.1	7	11	2.9	7.4	5	8	2.4	6.1	4	6
23	17	**74 082**	**183 058**	4.2	10.8	7	11	2.8	7.2	5	8	2.4	6.0	4	6
26	19	**74 930**	**185 152**	4.2	10.6	7	11	2.8	7.1	5	8	2.3	5.9	4	6
24	17	**77 303**	**191 017**	4.1	10.3	7	11	2.7	6.9	4	6	2.3	5.7	4	6
27	19	**77 812**	**192 273**	4.0	10.2	7	11	2.7	6.8	4	6	2.2	5.7	4	6
25	17	**80 524**	**198 976**	3.9	9.9	7	11	2.6	6.6	4	6	2.2	5.5	3	5
28	19	**80 694**	**199 395**	3.9	9.9	7	11	2.6	6.6	4	6	2.2	5.5	3	5
26	17	**83 745**	**206 935**	3.7	9.5	6	10	2.5	6.3	4	6	2.1	5.3	3	5
27	17	**86 966**	**214 894**	3.6	9.2	6	10	2.4	6.1	4	6	2.0	5.1	3	5
28	17	**90 187**	**222 853**	3.5	8.8	6	10	2.3	5.9	4	6	1.9	4.9	3	5

68287B

YP1225A-1625A
60 Cell Disk
817-857C COTTON

COTTON

Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 30				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 30			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**66 490**	**164 297**	6.3	16.0	8	13	5.2	13.3	8	13
17	27	**68 953**	**170 382**	6.1	15.4	8	13	5.1	12.8	8	13
17	26	**71 605**	**176 935**	5.8	14.8	8	13	4.9	12.4	8	13
19	28	**74 313**	**183 626**	5.6	14.3	8	13	4.7	11.9	8	13
17	25	**74 469**	**184 013**	5.6	14.3	8	13	4.7	11.9	8	13
19	27	**77 065**	**190 427**	5.4	13.8	8	13	4.5	11.5	8	13
17	24	**77 572**	**191 680**	5.4	13.7	8	13	4.5	11.4	8	13
19	26	**80 029**	**197 751**	5.2	13.3	8	13	4.4	11.1	7	11
17	23	**80 945**	**200 014**	5.2	13.1	8	13	4.3	10.9	7	11
19	25	**83 230**	**205 661**	5.0	12.8	8	13	4.2	10.6	7	11
19	24	**86 698**	**214 231**	4.8	12.3	8	13	4.0	10.2	7	11
23	28	**89 957**	**222 284**	4.6	11.8	8	13	3.9	9.8	7	11
19	23	**90 467**	**223 545**	4.6	11.7	8	13	3.9	9.8	7	11
23	27	**93 289**	**230 517**	4.5	11.4	8	13	3.7	9.5	6	10
24	28	**93 868**	**231 949**	4.5	11.3	8	13	3.7	9.4	6	10
23	26	**96 877**	**239 383**	4.3	11.0	7	11	3.6	9.1	6	10
24	27	**97 345**	**240 540**	4.3	10.9	7	11	3.6	9.1	6	10
25	28	**97 780**	**241 614**	4.3	10.9	7	11	3.6	9.1	6	10
17	19	**97 985**	**242 122**	4.3	10.8	7	11	3.6	9.0	6	10
23	25	**100 752**	**248 959**	4.2	10.5	7	11	3.5	8.8	6	10
24	26	**101 089**	**249 791**	4.1	10.5	7	11	3.4	8.8	6	10
25	27	**101 401**	**250 562**	4.1	10.5	7	11	3.4	8.7	6	10
26	28	**101 691**	**251 278**	4.1	10.4	7	11	3.4	8.7	6	10
23	24	**104 950**	**259 332**	4.0	10.1	7	11	3.3	8.4	6	10
24	25	**105 133**	**259 783**	4.0	10.1	7	11	3.3	8.4	6	10
25	26	**105 301**	**260 199**	4.0	10.1	7	11	3.3	8.4	6	10
26	27	**105 457**	**260 585**	4.0	10.1	7	11	3.3	8.4	6	10
27	28	**105 602**	**260 943**	4.0	10.1	7	11	3.3	8.4	5	8
23	23	**109 513**	**270 607**	3.8	9.7	6	10	3.2	8.1	5	8
28	27	**113 569**	**280 630**	3.7	9.4	6	10	3.1	7.8	5	8
27	26	**113 725**	**281 015**	3.7	9.3	6	10	3.1	7.8	5	8
26	25	**113 894**	**281 431**	3.7	9.3	6	10	3.1	7.8	5	8
25	24	**114 076**	**281 882**	3.7	9.3	6	10	3.1	7.8	5	8
24	23	**114 275**	**282 373**	3.7	9.3	6	10	3.0	7.7	5	8
28	26	**117 937**	**291 423**	3.5	9.0	6	10	3.0	7.5	5	8
27	25	**118 274**	**292 256**	3.5	9.0	6	10	2.9	7.5	5	8
26	24	**118 639**	**293 158**	3.5	9.0	6	10	2.9	7.5	5	8
25	23	**119 036**	**294 138**	3.5	8.9	6	10	2.9	7.4	5	8
19	17	**122 397**	**302 443**	3.4	8.7	6	10	2.8	7.2	5	8
28	25	**122 655**	**303 080**	3.4	8.7	6	10	2.8	7.2	5	8
27	24	**123 202**	**304 433**	3.4	8.6	6	10	2.8	7.2	5	8
26	23	**123 798**	**305 904**	3.4	8.6	6	10	2.8	7.1	5	8
28	24	**127 765**	**315 708**	3.3	8.3	5	8	2.7	6.9	4	6
27	23	**128 559**	**317 669**	3.3	8.3	5	8	2.7	6.9	4	6
23	19	**132 569**	**327 577**	3.2	8.0	5	8	2.6	6.7	4	6
28	23	**133 320**	**329 435**	3.1	8.0	5	8	2.6	6.6	4	6
24	19	**138 332**	**341 820**	3.0	7.7	5	8	2.5	6.4	4	6
25	19	**144 096**	**356 062**	2.9	7.4	5	8	2.4	6.1	4	6
23	17	**148 165**	**366 116**	2.8	7.2	5	8	2.4	6.0	4	6
26	19	**149 860**	**370 304**	2.8	7.1	5	8	2.3	5.9	4	6
24	17	**154 607**	**382 034**	2.7	6.9	4	6	2.3	5.7	4	6
27	19	**155 624**	**384 547**	2.7	6.8	4	6	2.2	5.7	4	6
25	17	**161 049**	**397 952**	2.6	6.6	4	6	2.2	5.5	3	5
28	19	**161 388**	**398 789**	2.6	6.6	4	6	2.2	5.5	3	5
26	17	**167 491**	**413 870**	2.5	6.3	4	6	2.1	5.3	3	5
27	17	**173 933**	**429 788**	2.4	6.1	4	6	2.0	5.1	3	5
28	17	**180 375**	**445 706**	2.3	5.9	4	6	1.9	4.9	3	5

68287D

YP1225A-1625A
60 Cell Disk
817-857C COTTON

COTTON

Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 2

				20in Rows (50.8 Rows)				30in Rows (76.2 Rows)				36in Rows (91.4 Rows)			
				Range Sprockets: Driving = 20 Driven = 30				Range Sprockets: Driving = 30 Driven = 30				Range Sprockets: Driving = 36 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**66 490**	**164 297**	4.7	12.0	8	13	3.1	8.0	5	8	2.6	6.7	4	6
17	27	**68 953**	**170 382**	4.5	11.6	8	13	3.0	7.7	5	8	2.5	6.4	4	6
17	26	**71 605**	**176 935**	4.4	11.1	7	11	2.9	7.4	5	8	2.4	6.2	4	6
19	28	**74 313**	**183 626**	4.2	10.7	7	11	2.8	7.1	5	8	2.3	6.0	4	6
17	25	**74 469**	**184 013**	4.2	10.7	7	11	2.8	7.1	5	8	2.3	5.9	4	6
19	27	**77 065**	**190 427**	4.1	10.3	7	11	2.7	6.9	4	6	2.3	5.7	4	6
17	24	**77 572**	**191 680**	4.0	10.3	7	11	2.7	6.8	4	6	2.2	5.7	4	6
19	26	**80 029**	**197 751**	3.9	10.0	7	11	2.6	6.6	4	6	2.2	5.5	3	5
17	23	**80 945**	**200 014**	3.9	9.8	7	11	2.6	6.6	4	6	2.2	5.5	3	5
19	25	**83 230**	**205 661**	3.8	9.6	6	10	2.5	6.4	4	6	2.1	5.3	3	5
19	24	**86 698**	**214 231**	3.6	9.2	6	10	2.4	6.1	4	6	2.0	5.1	3	5
23	28	**89 957**	**222 284**	3.5	8.9	6	10	2.3	5.9	4	6	1.9	4.9	3	5
19	23	**90 467**	**223 545**	3.5	8.8	6	10	2.3	5.9	4	6	1.9	4.9	3	5
23	27	**93 289**	**230 517**	3.4	8.5	6	10	2.2	5.7	4	6	1.9	4.7	3	5
24	28	**93 868**	**231 949**	3.3	8.5	6	10	2.2	5.7	4	6	1.9	4.7	3	5
23	26	**96 877**	**239 383**	3.2	8.2	5	8	2.2	5.5	3	5	1.8	4.6	3	5
24	27	**97 345**	**240 540**	3.2	8.2	5	8	2.1	5.5	3	5	1.8	4.5	3	5
25	28	**97 780**	**241 614**	3.2	8.1	5	8	2.1	5.4	3	5	1.8	4.5	3	5
17	19	**97 985**	**242 122**	3.2	8.1	5	8	2.1	5.4	3	5	1.8	4.5	3	5
23	25	**100 752**	**248 959**	3.1	7.9	5	8	2.1	5.3	3	5	1.7	4.4	3	5
24	26	**101 089**	**249 791**	3.1	7.9	5	8	2.1	5.3	3	5	1.7	4.4	3	5
25	27	**101 401**	**250 562**	3.1	7.9	5	8	2.1	5.2	3	5	1.7	4.4	3	5
26	28	**101 691**	**251 278**	3.1	7.8	5	8	2.1	5.2	3	5	1.7	4.4	3	5
23	24	**104 950**	**259 332**	3.0	7.6	5	8	2.0	5.1	3	5	1.7	4.2	3	5
24	25	**105 133**	**259 783**	3.0	7.6	5	8	2.0	5.1	3	5	1.7	4.2	3	5
25	26	**105 301**	**260 199**	3.0	7.6	5	8	2.0	5.0	3	5	1.7	4.2	3	5
26	27	**105 457**	**260 585**	3.0	7.6	5	8	2.0	5.0	3	5	1.7	4.2	3	5
27	28	**105 602**	**260 943**	3.0	7.5	5	8	2.0	5.0	3	5	1.6	4.2	2	3
23	23	**109 513**	**270 607**	2.9	7.3	5	8	1.9	4.8	3	5	1.6	4.0	2	3
28	27	**113 569**	**280 630**	2.8	7.0	5	8	1.8	4.7	3	5	1.5	3.9	2	3
27	26	**113 725**	**281 015**	2.8	7.0	5	8	1.8	4.7	3	5	1.5	3.9	2	3
26	25	**113 894**	**281 431**	2.8	7.0	5	8	1.8	4.7	3	5	1.5	3.9	2	3
25	24	**114 076**	**281 882**	2.7	7.0	4	6	1.8	4.7	3	5	1.5	3.9	2	3
24	23	**114 275**	**282 373**	2.7	7.0	4	6	1.8	4.6	3	5	1.5	3.9	2	3
28	26	**117 937**	**291 423**	2.7	6.8	4	6	1.8	4.5	3	5	1.5	3.8	2	3
27	25	**118 274**	**292 256**	2.7	6.7	4	6	1.8	4.5	3	5	1.5	3.7	2	3
26	24	**118 639**	**293 158**	2.6	6.7	4	6	1.8	4.5	3	5	1.5	3.7	2	3
25	23	**119 036**	**294 138**	2.6	6.7	4	6	1.8	4.5	3	5	1.5	3.7	2	3
19	17	**122 397**	**302 443**	2.6	6.5	4	6	1.7	4.3	3	5	1.4	3.6	2	3
28	25	**122 655**	**303 080**	2.6	6.5	4	6	1.7	4.3	3	5	1.4	3.6	2	3
27	24	**123 202**	**304 433**	2.5	6.5	4	6	1.7	4.3	3	5	1.4	3.6	2	3
26	23	**123 798**	**305 904**	2.5	6.4	4	6	1.7	4.3	3	5	1.4	3.6	2	3
28	24	**127 765**	**315 708**	2.5	6.2	4	6	1.6	4.2	2	3	1.4	3.5	2	3
27	23	**128 559**	**317 669**	2.4	6.2	4	6	1.6	4.1	2	3	1.4	3.4	2	3
23	19	**132 569**	**327 577**	2.4	6.0	4	6	1.6	4.0	2	3	1.3	3.3	2	3
28	23	**133 320**	**329 435**	2.4	6.0	4	6	1.6	4.0	2	3	1.3	3.3	2	3
24	19	**138 332**	**341 820**	2.3	5.8	4	6	1.5	3.8	2	3	1.3	3.2	2	3
25	19	**144 096**	**356 062**	2.2	5.5	3	5	1.5	3.7	2	3	1.2	3.1	2	3
23	17	**148 165**	**366 116**	2.1	5.4	3	5	1.4	3.6	2	3	1.2	3.0	2	3
26	19	**149 860**	**370 304**	2.1	5.3	3	5	1.4	3.5	2	3	1.2	3.0	2	3
24	17	**154 607**	**382 034**	2.0	5.2	3	5	1.4	3.4	2	3	1.1	2.9	2	3
27	19	**155 624**	**384 547**	2.0	5.1	3	5	1.3	3.4	2	3	1.1	2.8	2	3
25	17	**161 049**	**397 952**	1.9	4.9	3	5	1.3	3.3	2	3	1.1	2.7	1	2
28	19	**161 388**	**398 789**	1.9	4.9	3	5	1.3	3.3	2	3	1.1	2.7	1	2
26	17	**167 491**	**413 870**	1.9	4.8	3	5	1.2	3.2	2	3	1.0	2.6	1	2
27	17	**173 933**	**429 788**	1.8	4.6	3	5	1.2	3.1	2	3	1.0	2.5	1	2
28	17	**180 375**	**445 706**	1.7	4.4	3	5	1.2	2.9	2	3	1.0	2.5	1	2

68287E

YP1225A - 1625A
60 Cell Disk
817-857C COTTON

COTTON

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows Range Sprockets: Driving = 15 Driven = 60				70cm Rows Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**36 190**	**89 424**	12.6	31.9	8	13	6.3	16.0	8	13
17	27	**37 530**	**92 736**	12.1	30.8	8	13	6.1	15.4	8	13
17	26	**38 974**	**96 302**	11.7	29.7	8	13	5.8	14.8	8	13
19	28	**40 447**	**99 944**	11.3	28.6	8	13	5.6	14.3	8	13
17	25	**40 532**	**100 154**	11.2	28.5	8	13	5.6	14.3	8	13
19	27	**41 945**	**103 646**	10.9	27.6	8	13	5.4	13.8	8	13
17	24	**42 221**	**104 327**	10.8	27.4	8	13	5.4	13.7	8	13
19	26	**43 559**	**107 632**	10.5	26.5	8	13	5.2	13.3	8	13
17	23	**44 057**	**108 863**	10.3	26.2	8	13	5.2	13.1	8	13
19	25	**45 301**	**111 937**	10.0	25.5	8	13	5.0	12.8	8	13
19	24	**47 189**	**116 601**	9.6	24.5	8	13	4.8	12.3	8	13
23	28	**48 963**	**120 985**	9.3	23.6	8	13	4.6	11.8	8	13
19	23	**49 240**	**121 671**	9.2	23.5	8	13	4.6	11.7	8	13
23	27	**50 776**	**125 466**	9.0	22.8	8	13	4.5	11.4	8	13
24	28	**51 091**	**126 245**	8.9	22.6	8	13	4.5	11.3	8	13
23	26	**52 729**	**130 291**	8.6	21.9	8	13	4.3	11.0	7	11
24	27	**52 984**	**130 921**	8.6	21.8	8	13	4.3	10.9	7	11
25	28	**53 220**	**131 505**	8.6	21.7	8	13	4.3	10.9	7	11
17	19	**53 332**	**131 782**	8.5	21.7	8	13	4.3	10.8	7	11
23	25	**54 838**	**135 503**	8.3	21.1	8	13	4.2	10.5	7	11
24	26	**55 021**	**135 956**	8.3	21.0	8	13	4.1	10.5	7	11
25	27	**55 191**	**136 376**	8.2	20.9	8	13	4.1	10.5	7	11
26	28	**55 349**	**136 765**	8.2	20.9	8	13	4.1	10.4	7	11
23	24	**57 123**	**141 149**	8.0	20.2	8	13	4.0	10.1	7	11
24	25	**57 222**	**141 394**	8.0	20.2	8	13	4.0	10.1	7	11
25	26	**57 314**	**141 621**	7.9	20.2	8	13	4.0	10.1	7	11
26	27	**57 399**	**141 831**	7.9	20.1	8	13	4.0	10.1	7	11
27	28	**57 478**	**142 026**	7.9	20.1	8	13	4.0	10.1	7	11
23	23	**59 607**	**147 286**	7.6	19.4	8	13	3.8	9.7	6	10
28	27	**61 814**	**152 741**	7.4	18.7	8	13	3.7	9.4	6	10
27	26	**61 899**	**152 951**	7.4	18.7	8	13	3.7	9.3	6	10
26	25	**61 991**	**153 177**	7.3	18.7	8	13	3.7	9.3	6	10
25	24	**62 090**	**153 423**	7.3	18.6	8	13	3.7	9.3	6	10
24	23	**62 198**	**153 690**	7.3	18.6	8	13	3.7	9.3	6	10
28	26	**64 192**	**158 616**	7.1	18.0	8	13	3.5	9.0	6	10
27	25	**64 375**	**159 069**	7.1	18.0	8	13	3.5	9.0	6	10
26	24	**64 574**	**159 560**	7.0	17.9	8	13	3.5	9.0	6	10
25	23	**64 790**	**160 093**	7.0	17.8	8	13	3.5	8.9	6	10
19	17	**66 619**	**164 614**	6.8	17.4	8	13	3.4	8.7	6	10
28	25	**66 759**	**164 960**	6.8	17.3	8	13	3.4	8.7	6	10
27	24	**67 057**	**165 697**	6.8	17.2	8	13	3.4	8.6	6	10
26	23	**67 381**	**166 497**	6.8	17.2	8	13	3.4	8.6	6	10
28	24	**69 541**	**171 834**	6.5	16.6	8	13	3.3	8.3	5	8
27	23	**69 973**	**172 901**	6.5	16.5	8	13	3.3	8.3	5	8
23	19	**72 155**	**178 293**	6.3	16.0	8	13	3.2	8.0	5	8
28	23	**72 565**	**179 305**	6.3	15.9	8	13	3.1	8.0	5	8
24	19	**75 293**	**186 045**	6.0	15.4	8	13	3.0	7.7	5	8
25	19	**78 430**	**193 797**	5.8	14.7	8	13	2.9	7.4	5	8
23	17	**80 644**	**199 269**	5.6	14.3	8	13	2.8	7.2	5	8
26	19	**81 567**	**201 549**	5.6	14.2	8	13	2.8	7.1	5	8
24	17	**84 150**	**207 933**	5.4	13.7	8	13	2.7	6.9	4	6
27	19	**84 704**	**209 301**	5.4	13.7	8	13	2.7	6.8	4	6
25	17	**87 657**	**216 597**	5.2	13.2	8	13	2.6	6.6	4	6
28	19	**87 841**	**217 053**	5.2	13.2	8	13	2.6	6.6	4	6
26	17	**91 163**	**225 261**	5.0	12.7	8	13	2.5	6.3	4	6
27	17	**94 669**	**233 925**	4.8	12.2	8	13	2.4	6.1	4	6
28	17	**98 176**	**242 588**	4.6	11.8	8	13	2.3	5.9	4	6

68287C

YP1225A - 1625A
60 Cell Disk
817-857C COTTON

COTTON
Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 30				Range Sprockets: Driving = 30 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**72 379**	**178 847**	6.3	16.0	8	13	3.1	8.0	5	8
17	27	**75 060**	**185 471**	6.1	15.4	8	13	3.0	7.7	5	8
17	26	**77 947**	**192 605**	5.8	14.8	8	13	2.9	7.4	5	8
19	28	**80 895**	**199 888**	5.6	14.3	8	13	2.8	7.1	5	8
17	25	**81 065**	**200 309**	5.6	14.3	8	13	2.8	7.1	5	8
19	27	**83 891**	**207 291**	5.4	13.8	8	13	2.7	6.9	4	6
17	24	**84 443**	**208 655**	5.4	13.7	8	13	2.7	6.8	4	6
19	26	**87 117**	**215 264**	5.2	13.3	8	13	2.6	6.6	4	6
17	23	**88 114**	**217 727**	5.2	13.1	8	13	2.6	6.6	4	6
19	25	**90 602**	**223 875**	5.0	12.8	8	13	2.5	6.4	4	6
19	24	**94 377**	**233 203**	4.8	12.3	8	13	2.4	6.1	4	6
23	28	**97 925**	**241 970**	4.6	11.8	8	13	2.3	5.9	4	6
19	23	**98 480**	**243 342**	4.6	11.7	8	13	2.3	5.9	4	6
23	27	**101 552**	**250 931**	4.5	11.4	8	13	2.2	5.7	4	6
24	28	**102 183**	**252 490**	4.5	11.3	8	13	2.2	5.7	4	6
23	26	**105 458**	**260 583**	4.3	11.0	7	11	2.2	5.5	3	5
24	27	**105 967**	**261 842**	4.3	10.9	7	11	2.1	5.5	3	5
25	28	**106 440**	**263 010**	4.3	10.9	7	11	2.1	5.4	3	5
17	19	**106 664**	**263 564**	4.3	10.8	7	11	2.1	5.4	3	5
23	25	**109 676**	**271 006**	4.2	10.5	7	11	2.1	5.3	3	5
24	26	**110 043**	**271 912**	4.1	10.5	7	11	2.1	5.3	3	5
25	27	**110 383**	**272 752**	4.1	10.5	7	11	2.1	5.2	3	5
26	28	**110 698**	**273 531**	4.1	10.4	7	11	2.1	5.2	3	5
23	24	**114 246**	**282 298**	4.0	10.1	7	11	2.0	5.1	3	5
24	25	**114 445**	**282 789**	4.0	10.1	7	11	2.0	5.1	3	5
25	26	**114 628**	**283 242**	4.0	10.1	7	11	2.0	5.0	3	5
26	27	**114 798**	**283 662**	4.0	10.1	7	11	2.0	5.0	3	5
27	28	**114 956**	**284 051**	4.0	10.1	7	11	2.0	5.0	3	5
23	23	**119 213**	**294 572**	3.8	9.7	6	10	1.9	4.8	3	5
28	27	**123 628**	**305 482**	3.7	9.4	6	10	1.8	4.7	3	5
27	26	**123 798**	**305 901**	3.7	9.3	6	10	1.8	4.7	3	5
26	25	**123 982**	**306 355**	3.7	9.3	6	10	1.8	4.7	3	5
25	24	**124 180**	**306 846**	3.7	9.3	6	10	1.8	4.7	3	5
24	23	**124 396**	**307 379**	3.7	9.3	6	10	1.8	4.6	3	5
28	26	**128 383**	**317 231**	3.5	9.0	6	10	1.8	4.5	3	5
27	25	**128 750**	**318 137**	3.5	9.0	6	10	1.8	4.5	3	5
26	24	**129 148**	**319 119**	3.5	9.0	6	10	1.8	4.5	3	5
25	23	**129 580**	**320 187**	3.5	8.9	6	10	1.8	4.5	3	5
19	17	**133 238**	**329 227**	3.4	8.7	6	10	1.7	4.3	3	5
28	25	**133 519**	**329 920**	3.4	8.7	6	10	1.7	4.3	3	5
27	24	**134 115**	**331 393**	3.4	8.6	6	10	1.7	4.3	3	5
26	23	**134 763**	**332 994**	3.4	8.6	6	10	1.7	4.3	3	5
28	24	**139 082**	**343 667**	3.3	8.3	5	8	1.6	4.2	2	3
27	23	**139 946**	**345 802**	3.3	8.3	5	8	1.6	4.1	2	3
23	19	**144 311**	**356 587**	3.2	8.0	5	8	1.6	4.0	2	3
28	23	**145 129**	**358 609**	3.1	8.0	5	8	1.6	4.0	2	3
24	19	**150 585**	**372 091**	3.0	7.7	5	8	1.5	3.8	2	3
25	19	**156 859**	**387 594**	2.9	7.4	5	8	1.5	3.7	2	3
23	17	**161 288**	**398 538**	2.8	7.2	5	8	1.4	3.6	2	3
26	19	**163 134**	**403 098**	2.8	7.1	5	8	1.4	3.5	2	3
24	17	**168 301**	**415 866**	2.7	6.9	4	6	1.4	3.4	2	3
27	19	**169 408**	**418 602**	2.7	6.8	4	6	1.3	3.4	2	3
25	17	**175 314**	**433 194**	2.6	6.6	4	6	1.3	3.3	2	3
28	19	**175 683**	**434 106**	2.6	6.6	4	6	1.3	3.3	2	3
26	17	**182 326**	**450 521**	2.5	6.3	4	6	1.2	3.2	2	3
27	17	**189 339**	**467 849**	2.4	6.1	4	6	1.2	3.1	2	3
28	17	**196 351**	**485 177**	2.3	5.9	4	6	1.2	2.9	2	3

68287F

YP1225A - 1625A
30 Cell Disk
837-057C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**16 623**	**41 074**	25.2	63.9	8	13	21.0	53.2	8	13
17	27	**17 238**	**42 596**	24.3	61.6	8	13	20.2	51.3	8	13
17	26	**17 901**	**44 234**	23.4	59.3	8	13	19.5	49.4	8	13
19	28	**18 578**	**45 907**	22.5	57.2	8	13	18.8	47.6	8	13
17	25	**18 617**	**46 003**	22.5	57.1	8	13	18.7	47.5	8	13
19	27	**19 266**	**47 607**	21.7	55.1	8	13	18.1	45.9	8	13
17	24	**19 393**	**47 920**	21.6	54.8	8	13	18.0	45.6	8	13
19	26	**20 007**	**49 438**	20.9	53.1	8	13	17.4	44.2	8	13
17	23	**20 236**	**50 003**	20.7	52.5	8	13	17.2	43.7	8	13
19	25	**20 808**	**51 415**	20.1	51.0	8	13	16.7	42.5	8	13
19	24	**21 674**	**53 558**	19.3	49.0	8	13	16.1	40.8	8	13
23	28	**22 489**	**55 571**	18.6	47.2	8	13	15.5	39.4	8	13
19	23	**22 617**	**55 886**	18.5	47.0	8	13	15.4	39.1	8	13
23	27	**23 322**	**57 629**	17.9	45.5	8	13	14.9	38.0	8	13
24	28	**23 467**	**57 987**	17.8	45.3	8	13	14.8	37.7	8	13
23	26	**24 219**	**59 846**	17.3	43.9	8	13	14.4	36.5	8	13
24	27	**24 336**	**60 135**	17.2	43.6	8	13	14.3	36.4	8	13
25	28	**24 445**	**60 403**	17.1	43.5	8	13	14.3	36.2	8	13
17	19	**24 496**	**60 531**	17.1	43.4	8	13	14.2	36.1	8	13
23	25	**25 188**	**62 240**	16.6	42.2	8	13	13.8	35.1	8	13
24	26	**25 272**	**62 448**	16.5	42.0	8	13	13.8	35.0	8	13
25	27	**25 350**	**62 641**	16.5	41.9	8	13	13.7	34.9	8	13
26	28	**25 423**	**62 820**	16.4	41.8	8	13	13.7	34.8	8	13
23	24	**26 238**	**64 833**	15.9	40.5	8	13	13.3	33.7	8	13
24	25	**26 283**	**64 946**	15.9	40.4	8	13	13.3	33.7	8	13
25	26	**26 325**	**65 050**	15.9	40.3	8	13	13.2	33.6	8	13
26	27	**26 364**	**65 146**	15.9	40.3	8	13	13.2	33.6	8	13
27	28	**26 401**	**65 236**	15.8	40.2	8	13	13.2	33.5	8	13
23	23	**27 378**	**67 652**	15.3	38.8	8	13	12.7	32.3	8	13
28	27	**28 392**	**70 157**	14.7	37.4	8	13	12.3	31.2	8	13
27	26	**28 431**	**70 254**	14.7	37.4	8	13	12.3	31.1	8	13
26	25	**28 473**	**70 358**	14.7	37.3	8	13	12.2	31.1	8	13
25	24	**28 519**	**70 471**	14.7	37.2	8	13	12.2	31.0	8	13
24	23	**28 569**	**70 593**	14.6	37.2	8	13	12.2	31.0	8	13
28	26	**29 484**	**72 856**	14.2	36.0	8	13	11.8	30.0	8	13
27	25	**29 569**	**73 064**	14.1	35.9	8	13	11.8	29.9	8	13
26	24	**29 660**	**73 289**	14.1	35.8	8	13	11.7	29.8	8	13
25	23	**29 759**	**73 535**	14.1	35.7	8	13	11.7	29.7	8	13
19	17	**30 599**	**75 611**	13.7	34.7	8	13	11.4	28.9	8	13
28	25	**30 664**	**75 770**	13.6	34.6	8	13	11.4	28.9	8	13
27	24	**30 801**	**76 108**	13.6	34.5	8	13	11.3	28.7	8	13
26	23	**30 949**	**76 476**	13.5	34.3	8	13	11.3	28.6	8	13
28	24	**31 941**	**78 927**	13.1	33.3	8	13	10.9	27.7	8	13
27	23	**32 140**	**79 417**	13.0	33.0	8	13	10.8	27.5	8	13
23	19	**33 142**	**81 894**	12.6	32.0	8	13	10.5	26.7	8	13
28	23	**33 330**	**82 359**	12.5	31.9	8	13	10.5	26.6	8	13
24	19	**34 583**	**85 455**	12.1	30.7	8	13	10.1	25.6	8	13
25	19	**36 024**	**89 016**	11.6	29.5	8	13	9.7	24.6	8	13
23	17	**37 041**	**91 529**	11.3	28.7	8	13	9.4	23.9	8	13
26	19	**37 465**	**92 576**	11.2	28.4	8	13	9.3	23.6	7	11
24	17	**38 652**	**95 508**	10.8	27.5	8	13	9.0	22.9	7	11
27	19	**38 906**	**96 137**	10.7	27.3	8	13	9.0	22.8	7	11
25	17	**40 262**	**99 488**	10.4	26.4	8	13	8.7	22.0	7	11
28	19	**40 347**	**99 697**	10.4	26.3	8	13	8.6	21.9	7	11
26	17	**41 873**	**103 467**	10.0	25.4	8	13	8.3	21.1	7	11
27	17	**43 483**	**107 447**	9.6	24.4	8	13	8.0	20.4	6	10
28	17	**45 094**	**111 426**	9.3	23.6	7	11	7.7	19.6	6	10

68288A

YP1225A - 1625A
30 Cell Disk
837-057C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

				20in Rows (50.8 Rows)				30in Rows (76.2 Rows)				36in Rows (91.4 Rows)			
				Range Sprockets: Driving = 20 Driven = 60				Range Sprockets: Driving = 15 Driven = 30				Range Sprockets: Driving = 18 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**16 623**	**41 074**	18.9	47.9	8	13	12.6	31.9	8	13	10.5	26.6	8	13
17	27	**17 238**	**42 596**	18.2	46.2	8	13	12.1	30.8	8	13	10.1	25.7	8	13
17	26	**17 901**	**44 234**	17.5	44.5	8	13	11.7	29.7	8	13	9.7	24.7	8	13
19	28	**18 578**	**45 907**	16.9	42.9	8	13	11.3	28.6	8	13	9.4	23.8	7	11
17	25	**18 617**	**46 003**	16.8	42.8	8	13	11.2	28.5	8	13	9.4	23.8	7	11
19	27	**19 266**	**47 607**	16.3	41.3	8	13	10.9	27.6	8	13	9.0	23.0	7	11
17	24	**19 393**	**47 920**	16.2	41.1	8	13	10.8	27.4	8	13	9.0	22.8	7	11
19	26	**20 007**	**49 438**	15.7	39.8	8	13	10.5	26.5	8	13	8.7	22.1	7	11
17	23	**20 236**	**50 003**	15.5	39.4	8	13	10.3	26.2	8	13	8.6	21.9	7	11
19	25	**20 808**	**51 415**	15.1	38.3	8	13	10.0	25.5	8	13	8.4	21.3	7	11
19	24	**21 674**	**53 558**	14.5	36.8	8	13	9.6	24.5	8	13	8.0	20.4	6	10
23	28	**22 489**	**55 571**	13.9	35.4	8	13	9.3	23.6	7	11	7.7	19.7	6	10
19	23	**22 617**	**55 886**	13.9	35.2	8	13	9.2	23.5	7	11	7.7	19.6	6	10
23	27	**23 322**	**57 629**	13.4	34.2	8	13	9.0	22.8	7	11	7.5	19.0	6	10
24	28	**23 467**	**57 987**	13.4	33.9	8	13	8.9	22.6	7	11	7.4	18.9	6	10
23	26	**24 219**	**59 846**	12.9	32.9	8	13	8.6	21.9	7	11	7.2	18.3	6	10
24	27	**24 336**	**60 135**	12.9	32.7	8	13	8.6	21.8	7	11	7.2	18.2	6	10
25	28	**24 445**	**60 403**	12.8	32.6	8	13	8.6	21.7	7	11	7.1	18.1	6	10
17	19	**24 496**	**60 531**	12.8	32.5	8	13	8.5	21.7	7	11	7.1	18.1	6	10
23	25	**25 188**	**62 240**	12.5	31.6	8	13	8.3	21.1	7	11	6.9	17.6	5	8
24	26	**25 272**	**62 448**	12.4	31.5	8	13	8.3	21.0	7	11	6.9	17.5	5	8
25	27	**25 350**	**62 641**	12.4	31.4	8	13	8.2	20.9	7	11	6.9	17.5	5	8
26	28	**25 423**	**62 820**	12.3	31.3	8	13	8.2	20.9	7	11	6.9	17.4	5	8
23	24	**26 238**	**64 833**	12.0	30.4	8	13	8.0	20.2	6	10	6.6	16.9	5	8
24	25	**26 283**	**64 946**	11.9	30.3	8	13	8.0	20.2	6	10	6.6	16.8	5	8
25	26	**26 325**	**65 050**	11.9	30.3	8	13	7.9	20.2	6	10	6.6	16.8	5	8
26	27	**26 364**	**65 146**	11.9	30.2	8	13	7.9	20.1	6	10	6.6	16.8	5	8
27	28	**26 401**	**65 236**	11.9	30.2	8	13	7.9	20.1	6	10	6.6	16.8	5	8
23	23	**27 378**	**67 652**	11.5	29.1	8	13	7.6	19.4	6	10	6.4	16.2	5	8
28	27	**28 392**	**70 157**	11.0	28.1	8	13	7.4	18.7	6	10	6.1	15.6	5	8
27	26	**28 431**	**70 254**	11.0	28.0	8	13	7.4	18.7	6	10	6.1	15.6	5	8
26	25	**28 473**	**70 358**	11.0	28.0	8	13	7.3	18.7	6	10	6.1	15.5	5	8
25	24	**28 519**	**70 471**	11.0	27.9	8	13	7.3	18.6	6	10	6.1	15.5	5	8
24	23	**28 569**	**70 593**	11.0	27.9	8	13	7.3	18.6	6	10	6.1	15.5	5	8
28	26	**29 484**	**72 856**	10.6	27.0	8	13	7.1	18.0	6	10	5.9	15.0	5	8
27	25	**29 569**	**73 064**	10.6	26.9	8	13	7.1	18.0	6	10	5.9	15.0	5	8
26	24	**29 660**	**73 289**	10.6	26.9	8	13	7.0	17.9	6	10	5.9	14.9	5	8
25	23	**29 759**	**73 535**	10.5	26.8	8	13	7.0	17.8	5	8	5.9	14.9	4	6
19	17	**30 599**	**75 611**	10.2	26.0	8	13	6.8	17.4	5	8	5.7	14.5	4	6
28	25	**30 664**	**75 770**	10.2	26.0	8	13	6.8	17.3	5	8	5.7	14.4	4	6
27	24	**30 801**	**76 108**	10.2	25.9	8	13	6.8	17.2	5	8	5.7	14.4	4	6
26	23	**30 949**	**76 476**	10.1	25.7	8	13	6.8	17.2	5	8	5.6	14.3	4	6
28	24	**31 941**	**78 927**	9.8	24.9	8	13	6.5	16.6	5	8	5.5	13.9	4	6
27	23	**32 140**	**79 417**	9.8	24.8	8	13	6.5	16.5	5	8	5.4	13.8	4	6
23	19	**33 142**	**81 894**	9.5	24.0	8	13	6.3	16.0	5	8	5.3	13.4	4	6
28	23	**33 330**	**82 359**	9.4	23.9	8	13	6.3	15.9	5	8	5.2	13.3	4	6
24	19	**34 583**	**85 455**	9.1	23.0	7	11	6.0	15.4	5	8	5.0	12.8	4	6
25	19	**36 024**	**89 016**	8.7	22.1	7	11	5.8	14.7	4	6	4.8	12.3	4	6
23	17	**37 041**	**91 529**	8.5	21.5	7	11	5.6	14.3	4	6	4.7	11.9	4	6
26	19	**37 465**	**92 576**	8.4	21.3	7	11	5.6	14.2	4	6	4.7	11.8	3	5
24	17	**38 652**	**95 508**	8.1	20.6	6	10	5.4	13.7	4	6	4.5	11.5	3	5
27	19	**38 906**	**96 137**	8.1	20.5	6	10	5.4	13.7	4	6	4.5	11.4	3	5
25	17	**40 262**	**99 488**	7.8	19.8	6	10	5.2	13.2	4	6	4.3	11.0	3	5
28	19	**40 347**	**99 697**	7.8	19.7	6	10	5.2	13.2	4	6	4.3	11.0	3	5
26	17	**41 873**	**103 467**	7.5	19.0	6	10	5.0	12.7	4	6	4.2	10.6	3	5
27	17	**43 483**	**107 447**	7.2	18.3	6	10	4.8	12.2	4	6	4.0	10.2	3	5
28	17	**45 094**	**111 426**	7.0	17.7	5	8	4.6	11.8	3	5	3.9	9.8	3	5

68288B

YP1225A - 1625A
30 Cell Disk
837-057C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 60				Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**18 095**	**44 712**	25.2	63.9	8	13	12.6	31.9	8	13
17	27	**18 765**	**46 368**	24.3	61.6	8	13	12.1	30.8	8	13
17	26	**19 487**	**48 151**	23.4	59.3	8	13	11.7	29.7	8	13
19	28	**20 224**	**49 972**	22.5	57.2	8	13	11.3	28.6	8	13
17	25	**20 266**	**50 077**	22.5	57.1	8	13	11.2	28.5	8	13
19	27	**20 973**	**51 823**	21.7	55.1	8	13	10.9	27.6	8	13
17	24	**21 111**	**52 164**	21.6	54.8	8	13	10.8	27.4	8	13
19	26	**21 779**	**53 816**	20.9	53.1	8	13	10.5	26.5	8	13
17	23	**22 029**	**54 432**	20.7	52.5	8	13	10.3	26.2	8	13
19	25	**22 651**	**55 969**	20.1	51.0	8	13	10.0	25.5	8	13
19	24	**23 594**	**58 301**	19.3	49.0	8	13	9.6	24.5	8	13
23	28	**24 481**	**60 492**	18.6	47.2	8	13	9.3	23.6	8	13
19	23	**24 620**	**60 835**	18.5	47.0	8	13	9.2	23.5	8	13
23	27	**25 388**	**62 733**	17.9	45.5	8	13	9.0	22.8	8	13
24	28	**25 546**	**63 123**	17.8	45.3	8	13	8.9	22.6	8	13
23	26	**26 364**	**65 146**	17.3	43.9	8	13	8.6	21.9	8	13
24	27	**26 492**	**65 460**	17.2	43.6	8	13	8.6	21.8	8	13
25	28	**26 610**	**65 753**	17.1	43.5	8	13	8.6	21.7	8	13
17	19	**26 666**	**65 891**	17.1	43.4	8	13	8.5	21.7	8	13
23	25	**27 419**	**67 752**	16.6	42.2	8	13	8.3	21.1	8	13
24	26	**27 511**	**67 978**	16.5	42.0	8	13	8.3	21.0	8	13
25	27	**27 596**	**68 188**	16.5	41.9	8	13	8.2	20.9	8	13
26	28	**27 674**	**68 383**	16.4	41.8	8	13	8.2	20.9	8	13
23	24	**28 561**	**70 574**	15.9	40.5	8	13	8.0	20.2	8	13
24	25	**28 611**	**70 697**	15.9	40.4	8	13	8.0	20.2	8	13
25	26	**28 657**	**70 811**	15.9	40.3	8	13	7.9	20.2	8	13
26	27	**28 699**	**70 915**	15.9	40.3	8	13	7.9	20.1	8	13
27	28	**28 739**	**71 013**	15.8	40.2	8	13	7.9	20.1	8	13
23	23	**29 803**	**73 643**	15.3	38.8	8	13	7.6	19.4	8	13
28	27	**30 907**	**76 370**	14.7	37.4	8	13	7.4	18.7	7	11
27	26	**30 950**	**76 475**	14.7	37.4	8	13	7.4	18.7	7	11
26	25	**30 995**	**76 589**	14.7	37.3	8	13	7.3	18.7	7	11
25	24	**31 045**	**76 711**	14.7	37.2	8	13	7.3	18.6	7	11
24	23	**31 099**	**76 845**	14.6	37.2	8	13	7.3	18.6	7	11
28	26	**32 096**	**79 308**	14.2	36.0	8	13	7.1	18.0	7	11
27	25	**32 188**	**79 534**	14.1	35.9	8	13	7.1	18.0	7	11
26	24	**32 287**	**79 780**	14.1	35.8	8	13	7.0	17.9	7	11
25	23	**32 395**	**80 047**	14.1	35.7	8	13	7.0	17.8	7	11
19	17	**33 310**	**82 307**	13.7	34.7	8	13	6.8	17.4	7	11
28	25	**33 380**	**82 480**	13.6	34.6	8	13	6.8	17.3	7	11
27	24	**33 529**	**82 848**	13.6	34.5	8	13	6.8	17.2	7	11
26	23	**33 691**	**83 249**	13.5	34.3	8	13	6.8	17.2	7	11
28	24	**34 771**	**85 917**	13.1	33.3	8	13	6.5	16.6	6	10
27	23	**34 986**	**86 450**	13.0	33.0	8	13	6.5	16.5	6	10
23	19	**36 078**	**89 147**	12.6	32.0	8	13	6.3	16.0	6	10
28	23	**36 282**	**89 652**	12.5	31.9	8	13	6.3	15.9	6	10
24	19	**37 646**	**93 023**	12.1	30.7	8	13	6.0	15.4	6	10
25	19	**39 215**	**96 899**	11.6	29.5	8	13	5.8	14.7	6	10
23	17	**40 322**	**99 635**	11.3	28.7	8	13	5.6	14.3	5	8
26	19	**40 783**	**100 775**	11.2	28.4	8	13	5.6	14.2	5	8
24	17	**42 075**	**103 966**	10.8	27.5	8	13	5.4	13.7	5	8
27	19	**42 352**	**104 650**	10.7	27.3	8	13	5.4	13.7	5	8
25	17	**43 828**	**108 298**	10.4	26.4	8	13	5.2	13.2	5	8
28	19	**43 921**	**108 526**	10.4	26.3	8	13	5.2	13.2	5	8
26	17	**45 582**	**112 630**	10.0	25.4	8	13	5.0	12.7	5	8
27	17	**47 335**	**116 962**	9.6	24.4	8	13	4.8	12.2	5	8
28	17	**49 088**	**121 294**	9.3	23.6	8	13	4.6	11.8	4	6

68288C

YP1225A-1625A
65 Cell Disk
817-849C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**36 016**	**88 994**	11.6	29.5	8	13	9.7	24.6	8	13
17	27	**37 349**	**92 290**	11.2	28.4	8	13	9.3	23.7	8	13
17	26	**38 786**	**95 840**	10.8	27.4	8	13	9.0	22.8	8	13
19	28	**40 253**	**99 464**	10.4	26.4	8	13	8.7	22.0	8	13
17	25	**40 337**	**99 674**	10.4	26.3	8	13	8.6	21.9	8	13
19	27	**41 743**	**103 148**	10.0	25.4	8	13	8.3	21.2	8	13
17	24	**42 018**	**103 827**	10.0	25.3	8	13	8.3	21.1	8	13
19	26	**43 349**	**107 115**	9.6	24.5	8	13	8.0	20.4	8	13
17	23	**43 845**	**108 341**	9.5	24.2	8	13	7.9	20.2	8	13
19	25	**45 083**	**111 400**	9.3	23.6	8	13	7.7	19.6	8	13
19	24	**46 961**	**116 042**	8.9	22.6	8	13	7.4	18.8	8	13
23	28	**48 727**	**120 404**	8.6	21.8	8	13	7.2	18.2	8	13
19	23	**49 003**	**121 087**	8.5	21.7	8	13	7.1	18.1	8	13
23	27	**50 532**	**124 863**	8.3	21.0	8	13	6.9	17.5	8	13
24	28	**50 845**	**125 639**	8.2	20.9	8	13	6.9	17.4	8	13
23	26	**52 475**	**129 666**	8.0	20.2	8	13	6.6	16.9	8	13
24	27	**52 729**	**130 292**	7.9	20.1	8	13	6.6	16.8	8	13
25	28	**52 964**	**130 874**	7.9	20.1	8	13	6.6	16.7	8	13
17	19	**53 075**	**131 150**	7.9	20.0	8	13	6.6	16.7	8	13
23	25	**54 574**	**134 853**	7.7	19.5	8	13	6.4	16.2	8	13
24	26	**54 757**	**135 304**	7.6	19.4	8	13	6.4	16.2	8	13
25	27	**54 926**	**135 721**	7.6	19.3	8	13	6.3	16.1	8	13
26	28	**55 083**	**136 109**	7.6	19.3	8	13	6.3	16.1	8	13
23	24	**56 848**	**140 471**	7.4	18.7	8	13	6.1	15.6	8	13
24	25	**56 947**	**140 716**	7.3	18.7	8	13	6.1	15.5	8	13
25	26	**57 038**	**140 941**	7.3	18.6	8	13	6.1	15.5	8	13
26	27	**57 123**	**141 150**	7.3	18.6	8	13	6.1	15.5	8	13
27	28	**57 201**	**141 344**	7.3	18.6	8	13	6.1	15.5	8	13
23	23	**59 320**	**146 579**	7.0	17.9	8	13	5.9	14.9	8	13
28	27	**61 517**	**152 008**	6.8	17.3	8	13	5.7	14.4	8	13
27	26	**61 601**	**152 217**	6.8	17.2	8	13	5.7	14.4	8	13
26	25	**61 692**	**152 442**	6.8	17.2	8	13	5.6	14.3	8	13
25	24	**61 791**	**152 686**	6.8	17.2	8	13	5.6	14.3	8	13
24	23	**61 899**	**152 952**	6.8	17.2	8	13	5.6	14.3	8	13
28	26	**63 883**	**157 854**	6.5	16.6	8	13	5.5	13.9	8	13
27	25	**64 065**	**158 305**	6.5	16.6	8	13	5.4	13.8	8	13
26	24	**64 263**	**158 794**	6.5	16.5	8	13	5.4	13.8	8	13
25	23	**64 478**	**159 325**	6.5	16.5	8	13	5.4	13.7	8	13
19	17	**66 298**	**163 823**	6.3	16.0	8	13	5.3	13.4	8	13
28	25	**66 438**	**164 168**	6.3	16.0	8	13	5.2	13.3	8	13
27	24	**66 735**	**164 901**	6.3	15.9	8	13	5.2	13.3	8	13
26	23	**67 057**	**165 698**	6.2	15.8	8	13	5.2	13.2	8	13
28	24	**69 206**	**171 009**	6.0	15.3	8	13	5.0	12.8	8	13
27	23	**69 636**	**172 071**	6.0	15.3	8	13	5.0	12.7	8	13
23	19	**71 808**	**177 438**	5.8	14.8	8	13	4.9	12.3	8	13
28	23	**72 215**	**178 444**	5.8	14.7	8	13	4.8	12.3	8	13
24	19	**74 930**	**185 152**	5.6	14.2	8	13	4.7	11.8	8	13
25	19	**78 052**	**192 867**	5.4	13.6	8	13	4.5	11.3	8	13
23	17	**80 256**	**198 313**	5.2	13.2	8	13	4.3	11.0	8	13
26	19	**81 174**	**200 582**	5.2	13.1	8	13	4.3	10.9	7	11
24	17	**83 745**	**206 935**	5.0	12.7	8	13	4.2	10.6	7	11
27	19	**84 296**	**208 296**	5.0	12.6	8	13	4.1	10.5	7	11
25	17	**87 235**	**215 557**	4.8	12.2	8	13	4.0	10.1	7	11
28	19	**87 418**	**216 011**	4.8	12.2	8	13	4.0	10.1	7	11
26	17	**90 724**	**224 179**	4.6	11.7	8	13	3.8	9.8	7	11
27	17	**94 214**	**232 802**	4.4	11.3	8	13	3.7	9.4	6	10
28	17	**97 703**	**241 424**	4.3	10.9	7	11	3.6	9.1	6	10

68288D

YP1225A-1625A
65 Cell Disk
817-849C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2cm Rows) Range Sprockets: Driving = 15 Driven = 30				36in Rows (91.4cm Rows) Range Sprockets: Driving = 18 Driven = 30			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**36 016**	**88 994**	8.7	22.1	8	13	5.8	14.7	8	13	4.8	12.3	8	13
17	27	**37 349**	**92 290**	8.4	21.3	8	13	5.6	14.2	8	13	4.7	11.8	8	13
17	26	**38 786**	**95 840**	8.1	20.5	8	13	5.4	13.7	8	13	4.5	11.4	8	13
19	28	**40 253**	**99 464**	7.8	19.8	8	13	5.2	13.2	8	13	4.3	11.0	7	11
17	25	**40 337**	**99 674**	7.8	19.7	8	13	5.2	13.2	8	13	4.3	11.0	7	11
19	27	**41 743**	**103 148**	7.5	19.1	8	13	5.0	12.7	8	13	4.2	10.6	7	11
17	24	**42 018**	**103 827**	7.5	19.0	8	13	5.0	12.6	8	13	4.1	10.5	7	11
19	26	**43 349**	**107 115**	7.2	18.4	8	13	4.8	12.3	8	13	4.0	10.2	7	11
17	23	**43 845**	**108 341**	7.2	18.2	8	13	4.8	12.1	8	13	4.0	10.1	7	11
19	25	**45 083**	**111 400**	7.0	17.7	8	13	4.6	11.8	8	13	3.9	9.8	7	11
19	24	**46 961**	**116 042**	6.7	17.0	8	13	4.5	11.3	8	13	3.7	9.4	6	10
23	28	**48 727**	**120 404**	6.4	16.3	8	13	4.3	10.9	7	11	3.6	9.1	6	10
19	23	**49 003**	**121 087**	6.4	16.3	8	13	4.3	10.8	7	11	3.6	9.0	6	10
23	27	**50 532**	**124 863**	6.2	15.8	8	13	4.1	10.5	7	11	3.4	8.8	6	10
24	28	**50 845**	**125 639**	6.2	15.7	8	13	4.1	10.4	7	11	3.4	8.7	6	10
23	26	**52 475**	**129 666**	6.0	15.2	8	13	4.0	10.1	7	11	3.3	8.4	6	10
24	27	**52 729**	**130 292**	5.9	15.1	8	13	4.0	10.1	7	11	3.3	8.4	6	10
25	28	**52 964**	**130 874**	5.9	15.0	8	13	3.9	10.0	7	11	3.3	8.4	6	10
17	19	**53 075**	**131 150**	5.9	15.0	8	13	3.9	10.0	7	11	3.3	8.3	6	10
23	25	**54 574**	**134 853**	5.7	14.6	8	13	3.8	9.7	7	11	3.2	8.1	5	8
24	26	**54 757**	**135 304**	5.7	14.5	8	13	3.8	9.7	7	11	3.2	8.1	5	8
25	27	**54 926**	**135 721**	5.7	14.5	8	13	3.8	9.7	7	11	3.2	8.1	5	8
26	28	**55 083**	**136 109**	5.7	14.5	8	13	3.8	9.6	7	11	3.2	8.0	5	8
23	24	**56 848**	**140 471**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
24	25	**56 947**	**140 716**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
25	26	**57 038**	**140 941**	5.5	14.0	8	13	3.7	9.3	6	10	3.1	7.8	5	8
26	27	**57 123**	**141 150**	5.5	13.9	8	13	3.7	9.3	6	10	3.1	7.7	5	8
27	28	**57 201**	**141 344**	5.5	13.9	8	13	3.7	9.3	6	10	3.0	7.7	5	8
23	23	**59 320**	**146 579**	5.3	13.4	8	13	3.5	9.0	6	10	2.9	7.5	5	8
28	27	**61 517**	**152 008**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.2	5	8
27	26	**61 601**	**152 217**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.2	5	8
26	25	**61 692**	**152 442**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.2	5	8
25	24	**61 791**	**152 686**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.2	5	8
24	23	**61 899**	**152 952**	5.1	12.9	8	13	3.4	8.6	6	10	2.8	7.1	5	8
28	26	**63 883**	**157 854**	4.9	12.5	8	13	3.3	8.3	6	10	2.7	6.9	5	8
27	25	**64 065**	**158 305**	4.9	12.4	8	13	3.3	8.3	6	10	2.7	6.9	5	8
26	24	**64 263**	**158 794**	4.9	12.4	8	13	3.3	8.3	6	10	2.7	6.9	5	8
25	23	**64 478**	**159 325**	4.9	12.4	8	13	3.2	8.2	5	8	2.7	6.9	4	6
19	17	**66 298**	**163 823**	4.7	12.0	8	13	3.2	8.0	5	8	2.6	6.7	4	6
28	25	**66 438**	**164 168**	4.7	12.0	8	13	3.1	8.0	5	8	2.6	6.7	4	6
27	24	**66 735**	**164 901**	4.7	11.9	8	13	3.1	8.0	5	8	2.6	6.6	4	6
26	23	**67 057**	**165 698**	4.7	11.9	8	13	3.1	7.9	5	8	2.6	6.6	4	6
28	24	**69 206**	**171 009**	4.5	11.5	8	13	3.0	7.7	5	8	2.5	6.4	4	6
27	23	**69 636**	**172 071**	4.5	11.4	8	13	3.0	7.6	5	8	2.5	6.4	4	6
23	19	**71 808**	**177 438**	4.4	11.1	8	13	2.9	7.4	5	8	2.4	6.2	4	6
28	23	**72 215**	**178 444**	4.3	11.0	8	13	2.9	7.4	5	8	2.4	6.1	4	6
24	19	**74 930**	**185 152**	4.2	10.6	7	11	2.8	7.1	5	8	2.3	5.9	4	6
25	19	**78 052**	**192 867**	4.0	10.2	7	11	2.7	6.8	4	6	2.2	5.7	4	6
23	17	**80 256**	**198 313**	3.9	9.9	7	11	2.6	6.6	4	6	2.2	5.5	4	6
26	19	**81 174**	**200 582**	3.9	9.8	7	11	2.6	6.5	4	6	2.1	5.5	3	5
24	17	**83 745**	**206 935**	3.7	9.5	6	10	2.5	6.3	4	6	2.1	5.3	3	5
27	19	**84 296**	**208 296**	3.7	9.5	6	10	2.5	6.3	4	6	2.1	5.3	3	5
25	17	**87 235**	**215 557**	3.6	9.1	6	10	2.4	6.1	4	6	2.0	5.1	3	5
28	19	**87 418**	**216 011**	3.6	9.1	6	10	2.4	6.1	4	6	2.0	5.1	3	5
26	17	**90 724**	**224 179**	3.5	8.8	6	10	2.3	5.9	4	6	1.9	4.9	3	5
27	17	**94 214**	**232 802**	3.3	8.5	6	10	2.2	5.6	4	6	1.8	4.7	3	5
28	17	**97 703**	**241 424**	3.2	8.2	5	8	2.1	5.4	3	5	1.8	4.5	3	5

68288E

YP1225A - 1625A
65 Cell Disk
817-849C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 60				Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**39 206**	**96 876**	11.6	29.5	8	13	5.8	14.7	8	13
17	27	**40 658**	**100 464**	11.2	28.4	8	13	5.6	14.2	8	13
17	26	**42 221**	**104 327**	10.8	27.4	8	13	5.4	13.7	8	13
19	28	**43 818**	**108 273**	10.4	26.4	8	13	5.2	13.2	8	13
17	25	**43 910**	**108 501**	10.4	26.3	8	13	5.2	13.2	8	13
19	27	**45 441**	**112 283**	10.0	25.4	8	13	5.0	12.7	8	13
17	24	**45 740**	**113 021**	10.0	25.3	8	13	5.0	12.6	8	13
19	26	**47 189**	**116 601**	9.6	24.5	8	13	4.8	12.3	8	13
17	23	**47 728**	**117 935**	9.5	24.2	8	13	4.8	12.1	8	13
19	25	**49 076**	**121 265**	9.3	23.6	8	13	4.6	11.8	8	13
19	24	**51 121**	**126 318**	8.9	22.6	8	13	4.5	11.3	8	13
23	28	**53 043**	**131 067**	8.6	21.8	8	13	4.3	10.9	8	13
19	23	**53 344**	**131 810**	8.5	21.7	8	13	4.3	10.8	8	13
23	27	**55 007**	**135 921**	8.3	21.0	8	13	4.1	10.5	8	13
24	28	**55 349**	**136 765**	8.2	20.9	8	13	4.1	10.4	8	13
23	26	**57 123**	**141 149**	8.0	20.2	8	13	4.0	10.1	8	13
24	27	**57 399**	**141 831**	7.9	20.1	8	13	4.0	10.1	8	13
25	28	**57 655**	**142 464**	7.9	20.1	8	13	3.9	10.0	8	13
17	19	**57 777**	**142 764**	7.9	20.0	8	13	3.9	10.0	8	13
23	25	**59 408**	**146 795**	7.7	19.5	8	13	3.8	9.7	8	13
24	26	**59 607**	**147 286**	7.6	19.4	8	13	3.8	9.7	8	13
25	27	**59 791**	**147 740**	7.6	19.3	8	13	3.8	9.7	8	13
26	28	**59 961**	**148 163**	7.6	19.3	8	13	3.8	9.6	8	13
23	24	**61 883**	**152 911**	7.4	18.7	8	13	3.7	9.3	8	13
24	25	**61 991**	**153 177**	7.3	18.7	8	13	3.7	9.3	8	13
25	26	**62 090**	**153 423**	7.3	18.6	8	13	3.7	9.3	8	13
26	27	**62 182**	**153 650**	7.3	18.6	8	13	3.7	9.3	8	13
27	28	**62 268**	**153 861**	7.3	18.6	8	13	3.7	9.3	8	13
23	23	**64 574**	**159 560**	7.0	17.9	8	13	3.5	9.0	8	13
28	27	**66 965**	**165 469**	6.8	17.3	8	13	3.4	8.6	7	11
27	26	**67 057**	**165 697**	6.8	17.2	8	13	3.4	8.6	7	11
26	25	**67 157**	**165 942**	6.8	17.2	8	13	3.4	8.6	7	11
25	24	**67 264**	**166 208**	6.8	17.2	8	13	3.4	8.6	7	11
24	23	**67 381**	**166 497**	6.8	17.2	8	13	3.4	8.6	7	11
28	26	**69 541**	**171 834**	6.5	16.6	8	13	3.3	8.3	7	11
27	25	**69 740**	**172 324**	6.5	16.6	8	13	3.3	8.3	7	11
26	24	**69 955**	**172 856**	6.5	16.5	8	13	3.3	8.3	7	11
25	23	**70 189**	**173 434**	6.5	16.5	8	13	3.2	8.2	7	11
19	17	**72 171**	**178 331**	6.3	16.0	8	13	3.2	8.0	7	11
28	25	**72 323**	**178 707**	6.3	16.0	8	13	3.1	8.0	7	11
27	24	**72 646**	**179 505**	6.3	15.9	8	13	3.1	8.0	7	11
26	23	**72 996**	**180 372**	6.2	15.8	8	13	3.1	7.9	7	11
28	24	**75 336**	**186 153**	6.0	15.3	8	13	3.0	7.7	6	10
27	23	**75 804**	**187 309**	6.0	15.3	8	13	3.0	7.6	6	10
23	19	**78 168**	**193 151**	5.8	14.8	8	13	2.9	7.4	6	10
28	23	**78 612**	**194 247**	5.8	14.7	8	13	2.9	7.4	6	10
24	19	**81 567**	**201 549**	5.6	14.2	8	13	2.8	7.1	6	10
25	19	**84 966**	**209 947**	5.4	13.6	8	13	2.7	6.8	6	10
23	17	**87 365**	**215 875**	5.2	13.2	8	13	2.6	6.6	5	8
26	19	**88 364**	**218 345**	5.2	13.1	8	13	2.6	6.5	5	8
24	17	**91 163**	**225 261**	5.0	12.7	8	13	2.5	6.3	5	8
27	19	**91 763**	**226 743**	5.0	12.6	8	13	2.5	6.3	5	8
25	17	**94 961**	**234 647**	4.8	12.2	8	13	2.4	6.1	5	8
28	19	**95 161**	**235 141**	4.8	12.2	8	13	2.4	6.1	5	8
26	17	**98 760**	**244 032**	4.6	11.7	8	13	2.3	5.9	5	8
27	17	**102 558**	**253 418**	4.4	11.3	8	13	2.2	5.6	5	8
28	17	**106 357**	**262 804**	4.3	10.9	8	13	2.1	5.4	4	6

68288F

YP1225A-1625A
130 Cell Disk
817-800C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**72 031**	**177 989**	5.8	14.7	8	13	4.8	12.3	8	13
17	27	**74 699**	**184 581**	5.6	14.2	8	13	4.7	11.8	8	13
17	26	**77 572**	**191 680**	5.4	13.7	8	13	4.5	11.4	8	13
19	28	**80 505**	**198 928**	5.2	13.2	8	13	4.3	11.0	8	13
17	25	**80 675**	**199 347**	5.2	13.2	8	13	4.3	11.0	8	13
19	27	**83 487**	**206 296**	5.0	12.7	8	13	4.2	10.6	8	13
17	24	**84 036**	**207 653**	5.0	12.6	8	13	4.1	10.5	8	13
19	26	**86 698**	**214 231**	4.8	12.3	8	13	4.0	10.2	8	13
17	23	**87 690**	**216 682**	4.8	12.1	8	13	4.0	10.1	8	13
19	25	**90 166**	**222 800**	4.6	11.8	8	13	3.9	9.8	8	13
19	24	**93 923**	**232 083**	4.5	11.3	8	13	3.7	9.4	8	13
23	28	**97 454**	**240 808**	4.3	10.9	8	13	3.6	9.1	8	13
19	23	**98 006**	**242 174**	4.3	10.8	8	13	3.6	9.0	8	13
23	27	**101 063**	**249 727**	4.1	10.5	8	13	3.4	8.8	8	13
24	28	**101 691**	**251 278**	4.1	10.4	8	13	3.4	8.7	8	13
23	26	**104 950**	**259 332**	4.0	10.1	8	13	3.3	8.4	8	13
24	27	**105 457**	**260 585**	4.0	10.1	8	13	3.3	8.4	8	13
25	28	**105 928**	**261 748**	3.9	10.0	8	13	3.3	8.4	8	13
17	19	**106 151**	**262 299**	3.9	10.0	8	13	3.3	8.3	8	13
23	25	**109 148**	**269 705**	3.8	9.7	8	13	3.2	8.1	8	13
24	26	**109 513**	**270 607**	3.8	9.7	8	13	3.2	8.1	8	13
25	27	**109 851**	**271 442**	3.8	9.7	8	13	3.2	8.1	8	13
26	28	**110 165**	**272 218**	3.8	9.6	8	13	3.2	8.0	8	13
23	24	**113 696**	**280 943**	3.7	9.3	8	13	3.1	7.8	8	13
24	25	**113 894**	**281 431**	3.7	9.3	8	13	3.1	7.8	8	13
25	26	**114 076**	**281 882**	3.7	9.3	8	13	3.1	7.8	8	13
26	27	**114 245**	**282 300**	3.7	9.3	8	13	3.1	7.7	8	13
27	28	**114 402**	**282 688**	3.7	9.3	8	13	3.0	7.7	8	13
23	23	**118 639**	**293 158**	3.5	9.0	8	13	2.9	7.5	8	13
28	27	**123 033**	**304 015**	3.4	8.6	8	13	2.8	7.2	8	13
27	26	**123 202**	**304 433**	3.4	8.6	8	13	2.8	7.2	8	13
26	25	**123 385**	**304 884**	3.4	8.6	8	13	2.8	7.2	8	13
25	24	**123 583**	**305 373**	3.4	8.6	8	13	2.8	7.2	8	13
24	23	**123 798**	**305 904**	3.4	8.6	8	13	2.8	7.1	8	13
28	26	**127 765**	**315 708**	3.3	8.3	8	13	2.7	6.9	8	13
27	25	**128 130**	**316 610**	3.3	8.3	8	13	2.7	6.9	8	13
26	24	**128 526**	**317 588**	3.3	8.3	8	13	2.7	6.9	8	13
25	23	**128 956**	**318 650**	3.2	8.2	8	13	2.7	6.9	8	13
19	17	**132 597**	**327 647**	3.2	8.0	8	13	2.6	6.7	8	13
28	25	**132 876**	**328 337**	3.1	8.0	8	13	2.6	6.7	8	13
27	24	**133 469**	**329 802**	3.1	8.0	8	13	2.6	6.6	8	13
26	23	**134 114**	**331 396**	3.1	7.9	8	13	2.6	6.6	8	13
28	24	**138 413**	**342 017**	3.0	7.7	8	13	2.5	6.4	8	13
27	23	**139 272**	**344 142**	3.0	7.6	8	13	2.5	6.4	8	13
23	19	**143 616**	**354 875**	2.9	7.4	8	13	2.4	6.2	8	13
28	23	**144 430**	**356 888**	2.9	7.4	8	13	2.4	6.1	8	13
24	19	**149 860**	**370 304**	2.8	7.1	8	13	2.3	5.9	8	13
25	19	**156 104**	**385 734**	2.7	6.8	8	13	2.2	5.7	8	13
23	17	**160 512**	**396 625**	2.6	6.6	8	13	2.2	5.5	8	13
26	19	**162 349**	**401 163**	2.6	6.5	8	13	2.1	5.5	7	11
24	17	**167 491**	**413 870**	2.5	6.3	8	13	2.1	5.3	7	11
27	19	**168 593**	**416 593**	2.5	6.3	8	13	2.1	5.3	7	11
25	17	**174 470**	**431 114**	2.4	6.1	8	13	2.0	5.1	7	11
28	19	**174 837**	**432 022**	2.4	6.1	8	13	2.0	5.1	7	11
26	17	**181 448**	**448 359**	2.3	5.9	8	13	1.9	4.9	7	11
27	17	**188 427**	**465 603**	2.2	5.6	8	13	1.8	4.7	6	10
28	17	**195 406**	**482 848**	2.1	5.4	7	11	1.8	4.5	6	10

68288G

YP1225A-1625A
130 Cell Disk
817-800C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows)				30in Rows (76.2cm Rows)				36in Rows (91.4cm Rows)			
				Range Sprockets: Driving = 20 Driven = 60				Range Sprockets: Driving = 15 Driven = 30				Range Sprockets: Driving = 18 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	72 031	177 989	4.4	11.1	8	13	2.9	7.4	8	13	2.4	6.1	8	13
17	27	74 699	184 581	4.2	10.7	8	13	2.8	7.1	8	13	2.3	5.9	8	13
17	26	77 572	191 680	4.0	10.3	8	13	2.7	6.8	8	13	2.2	5.7	8	13
19	28	80 505	198 928	3.9	9.9	8	13	2.6	6.6	8	13	2.2	5.5	7	11
17	25	80 675	199 347	3.9	9.9	8	13	2.6	6.6	8	13	2.2	5.5	7	11
19	27	83 487	206 296	3.8	9.5	8	13	2.5	6.4	8	13	2.1	5.3	7	11
17	24	84 036	207 653	3.7	9.5	8	13	2.5	6.3	8	13	2.1	5.3	7	11
19	26	86 698	214 231	3.6	9.2	8	13	2.4	6.1	8	13	2.0	5.1	7	11
17	23	87 690	216 682	3.6	9.1	8	13	2.4	6.1	8	13	2.0	5.0	7	11
19	25	90 166	222 800	3.5	8.8	8	13	2.3	5.9	8	13	1.9	4.9	7	11
19	24	93 923	232 083	3.3	8.5	8	13	2.2	5.7	8	13	1.9	4.7	6	10
23	28	97 454	240 808	3.2	8.2	8	13	2.1	5.4	7	11	1.8	4.5	6	10
19	23	98 006	242 174	3.2	8.1	8	13	2.1	5.4	7	11	1.8	4.5	6	10
23	27	101 063	249 727	3.1	7.9	8	13	2.1	5.3	7	11	1.7	4.4	6	10
24	28	101 691	251 278	3.1	7.8	8	13	2.1	5.2	7	11	1.7	4.4	6	10
23	26	104 950	259 332	3.0	7.6	8	13	2.0	5.1	7	11	1.7	4.2	6	10
24	27	105 457	260 585	3.0	7.6	8	13	2.0	5.0	7	11	1.7	4.2	6	10
25	28	105 928	261 748	3.0	7.5	8	13	2.0	5.0	7	11	1.6	4.2	6	10
17	19	106 151	262 299	3.0	7.5	8	13	2.0	5.0	7	11	1.6	4.2	6	10
23	25	109 148	269 705	2.9	7.3	8	13	1.9	4.9	7	11	1.6	4.1	5	8
24	26	109 513	270 607	2.9	7.3	8	13	1.9	4.8	7	11	1.6	4.0	5	8
25	27	109 851	271 442	2.9	7.3	8	13	1.9	4.8	7	11	1.6	4.0	5	8
26	28	110 165	272 218	2.8	7.2	8	13	1.9	4.8	7	11	1.6	4.0	5	8
23	24	113 696	280 943	2.8	7.0	8	13	1.8	4.7	6	10	1.5	3.9	5	8
24	25	113 894	281 431	2.8	7.0	8	13	1.8	4.7	6	10	1.5	3.9	5	8
25	26	114 076	281 882	2.7	7.0	8	13	1.8	4.7	6	10	1.5	3.9	5	8
26	27	114 245	282 300	2.7	7.0	8	13	1.8	4.6	6	10	1.5	3.9	5	8
27	28	114 402	282 688	2.7	7.0	8	13	1.8	4.6	6	10	1.5	3.9	5	8
23	23	118 639	293 158	2.6	6.7	8	13	1.8	4.5	6	10	1.5	3.7	5	8
28	27	123 033	304 015	2.5	6.5	8	13	1.7	4.3	6	10	1.4	3.6	5	8
27	26	123 202	304 433	2.5	6.5	8	13	1.7	4.3	6	10	1.4	3.6	5	8
26	25	123 385	304 884	2.5	6.5	8	13	1.7	4.3	6	10	1.4	3.6	5	8
25	24	123 583	305 373	2.5	6.4	8	13	1.7	4.3	6	10	1.4	3.6	5	8
24	23	123 798	305 904	2.5	6.4	8	13	1.7	4.3	6	10	1.4	3.6	5	8
28	26	127 765	315 708	2.5	6.2	8	13	1.6	4.2	6	10	1.4	3.5	5	8
27	25	128 130	316 610	2.4	6.2	8	13	1.6	4.1	6	10	1.4	3.5	5	8
26	24	128 526	317 588	2.4	6.2	8	13	1.6	4.1	6	10	1.4	3.4	5	8
25	23	128 956	318 650	2.4	6.2	8	13	1.6	4.1	5	8	1.4	3.4	4	6
19	17	132 597	327 647	2.4	6.0	8	13	1.6	4.0	5	8	1.3	3.3	4	6
28	25	132 876	328 337	2.4	6.0	8	13	1.6	4.0	5	8	1.3	3.3	4	6
27	24	133 469	329 802	2.3	6.0	8	13	1.6	4.0	5	8	1.3	3.3	4	6
26	23	134 114	331 396	2.3	5.9	8	13	1.6	4.0	5	8	1.3	3.3	4	6
28	24	138 413	342 017	2.3	5.8	8	13	1.5	3.8	5	8	1.3	3.2	4	6
27	23	139 272	344 142	2.3	5.7	8	13	1.5	3.8	5	8	1.3	3.2	4	6
23	19	143 616	354 875	2.2	5.5	8	13	1.5	3.7	5	8	1.2	3.1	4	6
28	23	144 430	356 888	2.2	5.5	8	13	1.4	3.7	5	8	1.2	3.1	4	6
24	19	149 860	370 304	2.1	5.3	7	11	1.4	3.5	5	8	1.2	3.0	4	6
25	19	156 104	385 734	2.0	5.1	7	11	1.3	3.4	4	6	1.1	2.8	4	6
23	17	160 512	396 625	2.0	5.0	7	11	1.3	3.3	4	6	1.1	2.8	4	6
26	19	162 349	401 163	1.9	4.9	7	11	1.3	3.3	4	6	1.1	2.7	3	5
24	17	167 491	413 870	1.9	4.8	6	10	1.2	3.2	4	6	1.0	2.6	3	5
27	19	168 593	416 593	1.9	4.7	6	10	1.2	3.2	4	6	1.0	2.6	3	5
25	17	174 470	431 114	1.8	4.6	6	10	1.2	3.0	4	6	1.0	2.5	3	5
28	19	174 837	432 022	1.8	4.6	6	10	1.2	3.0	4	6	1.0	2.5	3	5
26	17	181 448	448 359	1.7	4.4	6	10	1.2	2.9	4	6	1.0	2.4	3	5
27	17	188 427	465 603	1.7	4.2	6	10	1.1	2.8	4	6	0.9	2.3	3	5
28	17	195 406	482 848	1.6	4.1	5	8	1.1	2.7	3	5	0.9	2.3	3	5

68288H

YP1225A - 1625A
130 Cell Disk
817-800C MILO

MILO

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows Range Sprockets: Driving = 15 Driven = 60				70cm Rows Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**78 411**	**193 751**	5.8	14.7	8	13	2.9	7.4	8	13
17	27	**81 315**	**200 927**	5.6	14.2	8	13	2.8	7.1	8	13
17	26	**84 443**	**208 655**	5.4	13.7	8	13	2.7	6.8	8	13
19	28	**87 636**	**216 545**	5.2	13.2	8	13	2.6	6.6	8	13
17	25	**87 820**	**217 001**	5.2	13.2	8	13	2.6	6.6	8	13
19	27	**90 882**	**224 565**	5.0	12.7	8	13	2.5	6.4	8	13
17	24	**91 480**	**226 043**	5.0	12.6	8	13	2.5	6.3	8	13
19	26	**94 377**	**233 203**	4.8	12.3	8	13	2.4	6.1	8	13
17	23	**95 457**	**235 871**	4.8	12.1	8	13	2.4	6.1	8	13
19	25	**98 152**	**242 531**	4.6	11.8	8	13	2.3	5.9	8	13
19	24	**102 242**	**252 636**	4.5	11.3	8	13	2.2	5.7	8	13
23	28	**106 086**	**262 134**	4.3	10.9	8	13	2.1	5.4	8	13
19	23	**106 687**	**263 620**	4.3	10.8	8	13	2.1	5.4	8	13
23	27	**110 015**	**271 842**	4.1	10.5	8	13	2.1	5.3	8	13
24	28	**110 698**	**273 531**	4.1	10.4	8	13	2.1	5.2	8	13
23	26	**114 246**	**282 298**	4.0	10.1	8	13	2.0	5.1	8	13
24	27	**114 798**	**283 662**	4.0	10.1	8	13	2.0	5.0	8	13
25	28	**115 310**	**284 928**	3.9	10.0	8	13	2.0	5.0	8	13
17	19	**115 553**	**285 528**	3.9	10.0	8	13	2.0	5.0	8	13
23	25	**118 816**	**293 590**	3.8	9.7	8	13	1.9	4.9	8	13
24	26	**119 213**	**294 572**	3.8	9.7	8	13	1.9	4.8	8	13
25	27	**119 581**	**295 481**	3.8	9.7	8	13	1.9	4.8	8	13
26	28	**119 923**	**296 325**	3.8	9.6	8	13	1.9	4.8	8	13
23	24	**123 766**	**305 823**	3.7	9.3	8	13	1.8	4.7	8	13
24	25	**123 982**	**306 355**	3.7	9.3	8	13	1.8	4.7	8	13
25	26	**124 180**	**306 846**	3.7	9.3	8	13	1.8	4.7	8	13
26	27	**124 364**	**307 300**	3.7	9.3	8	13	1.8	4.6	8	13
27	28	**124 535**	**307 722**	3.7	9.3	8	13	1.8	4.6	8	13
23	23	**129 148**	**319 119**	3.5	9.0	8	13	1.8	4.5	8	13
28	27	**133 931**	**330 939**	3.4	8.6	8	13	1.7	4.3	7	11
27	26	**134 115**	**331 393**	3.4	8.6	8	13	1.7	4.3	7	11
26	25	**134 314**	**331 884**	3.4	8.6	8	13	1.7	4.3	7	11
25	24	**134 529**	**332 416**	3.4	8.6	8	13	1.7	4.3	7	11
24	23	**134 763**	**332 994**	3.4	8.6	8	13	1.7	4.3	7	11
28	26	**139 082**	**343 667**	3.3	8.3	8	13	1.6	4.2	7	11
27	25	**139 479**	**344 649**	3.3	8.3	8	13	1.6	4.1	7	11
26	24	**139 910**	**345 713**	3.3	8.3	8	13	1.6	4.1	7	11
25	23	**140 378**	**346 869**	3.2	8.2	8	13	1.6	4.1	7	11
19	17	**144 341**	**356 663**	3.2	8.0	8	13	1.6	4.0	7	11
28	25	**144 645**	**357 414**	3.1	8.0	8	13	1.6	4.0	7	11
27	24	**145 291**	**359 009**	3.1	8.0	8	13	1.6	4.0	7	11
26	23	**145 993**	**360 744**	3.1	7.9	8	13	1.6	4.0	7	11
28	24	**150 672**	**372 306**	3.0	7.7	8	13	1.5	3.8	6	10
27	23	**151 608**	**374 618**	3.0	7.6	8	13	1.5	3.8	6	10
23	19	**156 337**	**386 302**	2.9	7.4	8	13	1.5	3.7	6	10
28	23	**157 223**	**388 493**	2.9	7.4	8	13	1.4	3.7	6	10
24	19	**163 134**	**403 098**	2.8	7.1	8	13	1.4	3.5	6	10
25	19	**169 931**	**419 894**	2.7	6.8	8	13	1.3	3.4	6	10
23	17	**174 729**	**431 750**	2.6	6.6	8	13	1.3	3.3	5	8
26	19	**176 728**	**436 690**	2.6	6.5	8	13	1.3	3.3	5	8
24	17	**182 326**	**450 521**	2.5	6.3	8	13	1.2	3.2	5	8
27	19	**183 526**	**453 485**	2.5	6.3	8	13	1.2	3.2	5	8
25	17	**189 923**	**469 293**	2.4	6.1	8	13	1.2	3.0	5	8
28	19	**190 323**	**470 281**	2.4	6.1	8	13	1.2	3.0	5	8
26	17	**197 520**	**488 065**	2.3	5.9	8	13	1.2	2.9	5	8
27	17	**205 117**	**506 837**	2.2	5.6	8	13	1.1	2.8	5	8
28	17	**212 714**	**525 608**	2.1	5.4	8	13	1.1	2.7	4	6

68288J

YP1225A-1625A
84 Cell Disk
817-798C SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 30				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 30			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**93 086**	**230 016**	4.5	11.4	8	13	3.7	9.5	8	13
17	27	**96 534**	**238 535**	4.3	11.0	8	13	3.6	9.2	8	13
17	26	**100 247**	**247 710**	4.2	10.6	8	13	3.5	8.8	8	13
19	28	**104 038**	**257 077**	4.0	10.2	8	13	3.3	8.5	8	13
17	25	**104 257**	**257 618**	4.0	10.2	8	13	3.3	8.5	8	13
19	27	**107 891**	**266 598**	3.9	9.8	8	13	3.2	8.2	8	13
17	24	**108 601**	**268 352**	3.9	9.8	8	13	3.2	8.2	8	13
19	26	**112 040**	**276 852**	3.7	9.5	8	13	3.1	7.9	8	13
17	23	**113 322**	**280 020**	3.7	9.4	8	13	3.1	7.8	8	13
19	25	**116 522**	**287 926**	3.6	9.1	8	13	3.0	7.6	8	13
19	24	**121 377**	**299 923**	3.4	8.8	8	13	2.9	7.3	8	13
23	28	**125 940**	**311 198**	3.3	8.4	8	13	2.8	7.0	8	13
19	23	**126 654**	**312 963**	3.3	8.4	8	13	2.8	7.0	8	13
23	27	**130 605**	**322 724**	3.2	8.1	8	13	2.7	6.8	7	11
24	28	**131 416**	**324 729**	3.2	8.1	8	13	2.7	6.7	7	11
23	26	**135 628**	**335 137**	3.1	7.8	8	13	2.6	6.5	7	11
24	27	**136 283**	**336 756**	3.1	7.8	8	13	2.6	6.5	7	11
25	28	**136 892**	**338 259**	3.1	7.8	8	13	2.5	6.5	7	11
17	19	**137 180**	**338 971**	3.0	7.7	8	13	2.5	6.5	7	11
23	25	**141 053**	**348 542**	3.0	7.5	8	13	2.5	6.3	7	11
24	26	**141 525**	**349 708**	3.0	7.5	8	13	2.5	6.3	7	11
25	27	**141 962**	**350 787**	2.9	7.5	8	13	2.5	6.2	7	11
26	28	**142 367**	**351 789**	2.9	7.5	8	13	2.4	6.2	7	11
23	24	**146 930**	**363 065**	2.8	7.2	8	13	2.4	6.0	6	10
24	25	**147 186**	**363 696**	2.8	7.2	8	13	2.4	6.0	6	10
25	26	**147 422**	**364 279**	2.8	7.2	8	13	2.4	6.0	6	10
26	27	**147 640**	**364 819**	2.8	7.2	8	13	2.4	6.0	6	10
27	28	**147 843**	**365 320**	2.8	7.2	8	13	2.4	6.0	6	10
23	23	**153 318**	**378 850**	2.7	6.9	8	13	2.3	5.8	6	10
28	27	**158 997**	**392 881**	2.6	6.7	7	11	2.2	5.6	6	10
27	26	**159 215**	**393 421**	2.6	6.7	7	11	2.2	5.6	6	10
26	25	**159 451**	**394 004**	2.6	6.7	7	11	2.2	5.6	6	10
25	24	**159 707**	**394 635**	2.6	6.7	7	11	2.2	5.5	6	10
24	23	**159 985**	**395 322**	2.6	6.6	7	11	2.2	5.5	6	10
28	26	**165 112**	**407 992**	2.5	6.4	7	11	2.1	5.4	6	10
27	25	**165 584**	**409 158**	2.5	6.4	7	11	2.1	5.3	6	10
26	24	**166 095**	**410 421**	2.5	6.4	7	11	2.1	5.3	6	10
25	23	**166 651**	**411 793**	2.5	6.4	7	11	2.1	5.3	6	10
19	17	**171 356**	**423 421**	2.4	6.2	7	11	2.0	5.2	5	8
28	25	**171 717**	**424 312**	2.4	6.2	7	11	2.0	5.2	5	8
27	24	**172 483**	**426 206**	2.4	6.2	7	11	2.0	5.1	5	8
26	23	**173 317**	**428 265**	2.4	6.1	7	11	2.0	5.1	5	8
28	24	**178 872**	**441 992**	2.3	5.9	6	10	1.9	4.9	5	8
27	23	**179 983**	**444 737**	2.3	5.9	6	10	1.9	4.9	5	8
23	19	**185 596**	**458 608**	2.3	5.7	6	10	1.9	4.8	5	8
28	23	**186 649**	**461 209**	2.2	5.7	6	10	1.9	4.7	5	8
24	19	**193 665**	**478 547**	2.2	5.5	6	10	1.8	4.6	5	8
25	19	**201 735**	**498 487**	2.1	5.3	6	10	1.7	4.4	5	8
23	17	**207 431**	**512 562**	2.0	5.1	5	8	1.7	4.3	4	6
26	19	**209 804**	**518 426**	2.0	5.1	5	8	1.7	4.2	4	6
24	17	**216 450**	**534 847**	1.9	4.9	5	8	1.6	4.1	4	6
27	19	**217 874**	**538 366**	1.9	4.9	5	8	1.6	4.1	4	6
25	17	**225 468**	**557 132**	1.9	4.7	5	8	1.5	3.9	4	6
28	19	**225 943**	**558 305**	1.9	4.7	5	8	1.5	3.9	4	6
26	17	**234 487**	**579 418**	1.8	4.5	5	8	1.5	3.8	4	6
27	17	**243 506**	**601 703**	1.7	4.4	5	8	1.4	3.6	4	6
28	17	**252 525**	**623 988**	1.7	4.2	4	6	1.4	3.5	4	6

68289A

YP1225A-1625A
84 Cell Disk
817-798C SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 30				30in Rows (76.2cm Rows) Range Sprockets: Driving = 30 Driven = 30				36in Rows (91.4cm Rows) Range Sprockets: Driving = 36 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**93 086**	**230 016**	3.4	8.6	8	13	2.2	5.7	6	10	1.9	4.8	5	8
17	27	**96 534**	**238 535**	3.2	8.3	8	13	2.2	5.5	6	10	1.8	4.6	5	8
17	26	**100 247**	**247 710**	3.1	7.9	8	13	2.1	5.3	6	10	1.7	4.4	5	8
19	28	**104 038**	**257 077**	3.0	7.7	8	13	2.0	5.1	5	8	1.7	4.3	4	6
17	25	**104 257**	**257 618**	3.0	7.6	8	13	2.0	5.1	5	8	1.7	4.2	4	6
19	27	**107 891**	**266 598**	2.9	7.4	8	13	1.9	4.9	5	8	1.6	4.1	4	6
17	24	**108 601**	**268 352**	2.9	7.3	8	13	1.9	4.9	5	8	1.6	4.1	4	6
19	26	**112 040**	**276 852**	2.8	7.1	8	13	1.9	4.7	5	8	1.6	4.0	4	6
17	23	**113 322**	**280 020**	2.8	7.0	8	13	1.8	4.7	5	8	1.5	3.9	4	6
19	25	**116 522**	**287 926**	2.7	6.8	7	11	1.8	4.6	5	8	1.5	3.8	4	6
19	24	**121 377**	**299 923**	2.6	6.6	7	11	1.7	4.4	5	8	1.4	3.6	4	6
23	28	**125 940**	**311 198**	2.5	6.3	7	11	1.7	4.2	4	6	1.4	3.5	4	6
19	23	**126 654**	**312 963**	2.5	6.3	7	11	1.7	4.2	4	6	1.4	3.5	4	6
23	27	**130 605**	**322 724**	2.4	6.1	7	11	1.6	4.1	4	6	1.3	3.4	3	5
24	28	**131 416**	**324 729**	2.4	6.1	7	11	1.6	4.0	4	6	1.3	3.4	3	5
23	26	**135 628**	**335 137**	2.3	5.9	6	10	1.5	3.9	4	6	1.3	3.3	3	5
24	27	**136 283**	**336 756**	2.3	5.8	6	10	1.5	3.9	4	6	1.3	3.2	3	5
25	28	**136 892**	**338 259**	2.3	5.8	6	10	1.5	3.9	4	6	1.3	3.2	3	5
17	19	**137 180**	**338 971**	2.3	5.8	6	10	1.5	3.9	4	6	1.3	3.2	3	5
23	25	**141 053**	**348 542**	2.2	5.6	6	10	1.5	3.8	4	6	1.2	3.1	3	5
24	26	**141 525**	**349 708**	2.2	5.6	6	10	1.5	3.8	4	6	1.2	3.1	3	5
25	27	**141 962**	**350 787**	2.2	5.6	6	10	1.5	3.7	4	6	1.2	3.1	3	5
26	28	**142 367**	**351 789**	2.2	5.6	6	10	1.5	3.7	4	6	1.2	3.1	3	5
23	24	**146 930**	**363 065**	2.1	5.4	6	10	1.4	3.6	4	6	1.2	3.0	3	5
24	25	**147 186**	**363 696**	2.1	5.4	6	10	1.4	3.6	4	6	1.2	3.0	3	5
25	26	**147 422**	**364 279**	2.1	5.4	6	10	1.4	3.6	4	6	1.2	3.0	3	5
26	27	**147 640**	**364 819**	2.1	5.4	6	10	1.4	3.6	4	6	1.2	3.0	3	5
27	28	**147 843**	**365 320**	2.1	5.4	6	10	1.4	3.6	4	6	1.2	3.0	3	5
23	23	**153 318**	**378 850**	2.0	5.2	6	10	1.4	3.5	4	6	1.1	2.9	3	5
28	27	**158 997**	**392 881**	2.0	5.0	5	8	1.3	3.3	3	5	1.1	2.8	3	5
27	26	**159 215**	**393 421**	2.0	5.0	5	8	1.3	3.3	3	5	1.1	2.8	3	5
26	25	**159 451**	**394 004**	2.0	5.0	5	8	1.3	3.3	3	5	1.1	2.8	3	5
25	24	**159 707**	**394 635**	2.0	5.0	5	8	1.3	3.3	3	5	1.1	2.8	3	5
24	23	**159 985**	**395 322**	2.0	5.0	5	8	1.3	3.3	3	5	1.1	2.8	3	5
28	26	**165 112**	**407 992**	1.9	4.8	5	8	1.3	3.2	3	5	1.1	2.7	3	5
27	25	**165 584**	**409 158**	1.9	4.8	5	8	1.3	3.2	3	5	1.1	2.7	3	5
26	24	**166 095**	**410 421**	1.9	4.8	5	8	1.3	3.2	3	5	1.0	2.7	3	5
25	23	**166 651**	**411 793**	1.9	4.8	5	8	1.3	3.2	3	5	1.0	2.7	3	5
19	17	**171 356**	**423 421**	1.8	4.6	5	8	1.2	3.1	3	5	1.0	2.6	2	3
28	25	**171 717**	**424 312**	1.8	4.6	5	8	1.2	3.1	3	5	1.0	2.6	2	3
27	24	**172 483**	**426 206**	1.8	4.6	5	8	1.2	3.1	3	5	1.0	2.6	2	3
26	23	**173 317**	**428 265**	1.8	4.6	5	8	1.2	3.1	3	5	1.0	2.6	2	3
28	24	**178 872**	**441 992**	1.8	4.5	5	8	1.2	3.0	3	5	1.0	2.5	2	3
27	23	**179 983**	**444 737**	1.7	4.4	5	8	1.2	3.0	3	5	1.0	2.5	2	3
23	19	**185 596**	**458 608**	1.7	4.3	4	6	1.1	2.9	3	5	0.9	2.4	2	3
28	23	**186 649**	**461 209**	1.7	4.3	4	6	1.1	2.8	3	5	0.9	2.4	2	3
24	19	**193 665**	**478 547**	1.6	4.1	4	6	1.1	2.7	3	5	0.9	2.3	2	3
25	19	**201 735**	**498 487**	1.6	3.9	4	6	1.0	2.6	3	5	0.9	2.2	2	3
23	17	**207 431**	**512 562**	1.5	3.8	4	6	1.0	2.6	2	3	0.8	2.1	2	3
26	19	**209 804**	**518 426**	1.5	3.8	4	6	1.0	2.5	2	3	0.8	2.1	2	3
24	17	**216 450**	**534 847**	1.4	3.7	4	6	1.0	2.5	2	3	0.8	2.0	2	3
27	19	**217 874**	**538 366**	1.4	3.7	4	6	1.0	2.4	2	3	0.8	2.0	2	3
25	17	**225 468**	**557 132**	1.4	3.5	4	6	0.9	2.4	2	3	0.8	2.0	2	3
28	19	**225 943**	**558 305**	1.4	3.5	4	6	0.9	2.4	2	3	0.8	2.0	2	3
26	17	**234 487**	**579 418**	1.3	3.4	3	5	0.9	2.3	2	3	0.7	1.9	2	3
27	17	**243 506**	**601 703**	1.3	3.3	3	5	0.9	2.2	2	3	0.7	1.8	2	3
28	17	**252 525**	**623 988**	1.2	3.2	3	5	0.8	2.1	2	3	0.7	1.8	2	3

68289B

YP1225A - 1625A
84 Cell Disk
817-798C SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: 2

				Twin Row 70cm 35cm Rows Range Sprockets: Driving = 15 Driven = 30				70cm Rows Range Sprockets: Driving = 30 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**101 331**	**250 386**	4.5	11.4	8	13	2.2	5.7	6	10
17	27	**105 084**	**259 660**	4.3	11.0	8	13	2.2	5.5	6	10
17	26	**109 126**	**269 646**	4.2	10.6	8	13	2.1	5.3	6	10
19	28	**113 253**	**279 843**	4.0	10.2	8	13	2.0	5.1	5	8
17	25	**113 491**	**280 432**	4.0	10.2	8	13	2.0	5.1	5	8
19	27	**117 447**	**290 208**	3.9	9.8	8	13	1.9	4.9	5	8
17	24	**118 220**	**292 117**	3.9	9.8	8	13	1.9	4.9	5	8
19	26	**121 964**	**301 370**	3.7	9.5	8	13	1.9	4.7	5	8
17	23	**123 360**	**304 818**	3.7	9.4	8	13	1.8	4.7	5	8
19	25	**126 843**	**313 424**	3.6	9.1	8	13	1.8	4.6	5	8
19	24	**132 128**	**326 484**	3.4	8.8	8	13	1.7	4.4	5	8
23	28	**137 095**	**338 758**	3.3	8.4	8	13	1.7	4.2	4	6
19	23	**137 873**	**340 679**	3.3	8.4	8	13	1.7	4.2	4	6
23	27	**142 173**	**351 304**	3.2	8.1	8	13	1.6	4.1	4	6
24	28	**143 056**	**353 486**	3.2	8.1	8	13	1.6	4.0	4	6
23	26	**147 641**	**364 816**	3.1	7.8	8	13	1.5	3.9	4	6
24	27	**148 354**	**366 578**	3.1	7.8	8	13	1.5	3.9	4	6
25	28	**149 016**	**368 215**	3.1	7.8	8	13	1.5	3.9	4	6
17	19	**149 330**	**368 990**	3.0	7.7	8	13	1.5	3.9	4	6
23	25	**153 547**	**379 408**	3.0	7.5	8	13	1.5	3.8	4	6
24	26	**154 060**	**380 677**	3.0	7.5	8	13	1.5	3.8	4	6
25	27	**154 536**	**381 852**	2.9	7.5	8	13	1.5	3.7	4	6
26	28	**154 977**	**382 943**	2.9	7.5	8	13	1.5	3.7	4	6
23	24	**159 944**	**395 217**	2.8	7.2	8	13	1.4	3.6	4	6
24	25	**160 223**	**395 904**	2.8	7.2	8	13	1.4	3.6	4	6
25	26	**160 479**	**396 539**	2.8	7.2	8	13	1.4	3.6	4	6
26	27	**160 717**	**397 126**	2.8	7.2	8	13	1.4	3.6	4	6
27	28	**160 938**	**397 672**	2.8	7.2	8	13	1.4	3.6	4	6
23	23	**166 898**	**412 400**	2.7	6.9	8	13	1.4	3.5	4	6
28	27	**173 080**	**427 675**	2.6	6.7	7	11	1.3	3.3	3	5
27	26	**173 318**	**428 262**	2.6	6.7	7	11	1.3	3.3	3	5
26	25	**173 574**	**428 896**	2.6	6.7	7	11	1.3	3.3	3	5
25	24	**173 853**	**429 584**	2.6	6.7	7	11	1.3	3.3	3	5
24	23	**174 155**	**430 331**	2.6	6.6	7	11	1.3	3.3	3	5
28	26	**179 737**	**444 124**	2.5	6.4	7	11	1.3	3.2	3	5
27	25	**180 250**	**445 392**	2.5	6.4	7	11	1.3	3.2	3	5
26	24	**180 807**	**446 767**	2.5	6.4	7	11	1.3	3.2	3	5
25	23	**181 411**	**448 261**	2.5	6.4	7	11	1.3	3.2	3	5
19	17	**186 534**	**460 918**	2.4	6.2	7	11	1.2	3.1	3	5
28	25	**186 926**	**461 888**	2.4	6.2	7	11	1.2	3.1	3	5
27	24	**187 761**	**463 950**	2.4	6.2	7	11	1.2	3.1	3	5
26	23	**188 668**	**466 192**	2.4	6.1	7	11	1.2	3.1	3	5
28	24	**194 715**	**481 134**	2.3	5.9	6	10	1.2	3.0	3	5
27	23	**195 924**	**484 122**	2.3	5.9	6	10	1.2	3.0	3	5
23	19	**202 035**	**499 222**	2.3	5.7	6	10	1.1	2.9	3	5
28	23	**203 181**	**502 053**	2.2	5.7	6	10	1.1	2.8	3	5
24	19	**210 819**	**520 927**	2.2	5.5	6	10	1.1	2.7	3	5
25	19	**219 603**	**542 632**	2.1	5.3	6	10	1.0	2.6	3	5
23	17	**225 804**	**557 954**	2.0	5.1	5	8	1.0	2.6	2	3
26	19	**228 387**	**564 337**	2.0	5.1	5	8	1.0	2.5	2	3
24	17	**235 621**	**582 212**	1.9	4.9	5	8	1.0	2.5	2	3
27	19	**237 171**	**586 043**	1.9	4.9	5	8	1.0	2.4	2	3
25	17	**245 439**	**606 471**	1.9	4.7	5	8	0.9	2.4	2	3
28	19	**245 956**	**607 748**	1.9	4.7	5	8	0.9	2.4	2	3
26	17	**255 256**	**630 730**	1.8	4.5	5	8	0.9	2.3	2	3
27	17	**265 074**	**654 989**	1.7	4.4	5	8	0.9	2.2	2	3
28	17	**274 892**	**679 248**	1.7	4.2	4	6	0.8	2.1	2	3

68289C

YP1225A-1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: **2**

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**93 086**	**230 016**	4.5	11.4	8	13	3.7	9.5	8	13
17	27	**96 534**	**238 535**	4.3	11.0	8	13	3.6	9.2	8	13
17	26	**100 247**	**247 710**	4.2	10.6	8	13	3.5	8.8	8	13
19	28	**104 038**	**257 077**	4.0	10.2	8	13	3.3	8.5	8	13
17	25	**104 257**	**257 618**	4.0	10.2	8	13	3.3	8.5	8	13
19	27	**107 891**	**266 598**	3.9	9.8	8	13	3.2	8.2	8	13
17	24	**108 601**	**268 352**	3.9	9.8	8	13	3.2	8.2	8	13
19	26	**112 040**	**276 852**	3.7	9.5	8	13	3.1	7.9	8	13
17	23	**113 322**	**280 020**	3.7	9.4	8	13	3.1	7.8	8	13
19	25	**116 522**	**287 926**	3.6	9.1	8	13	3.0	7.6	8	13
19	24	**121 377**	**299 923**	3.4	8.8	8	13	2.9	7.3	8	13
23	28	**125 940**	**311 198**	3.3	8.4	8	13	2.8	7.0	8	13
19	23	**126 654**	**312 963**	3.3	8.4	8	13	2.8	7.0	8	13
23	27	**130 605**	**322 724**	3.2	8.1	8	13	2.7	6.8	8	13
24	28	**131 416**	**324 729**	3.2	8.1	8	13	2.7	6.7	8	13
23	26	**135 628**	**335 137**	3.1	7.8	8	13	2.6	6.5	8	13
24	27	**136 283**	**336 756**	3.1	7.8	8	13	2.6	6.5	8	13
25	28	**136 892**	**338 259**	3.1	7.8	8	13	2.5	6.5	8	13
17	19	**137 180**	**338 971**	3.0	7.7	8	13	2.5	6.5	8	13
23	25	**141 053**	**348 542**	3.0	7.5	8	13	2.5	6.3	8	13
24	26	**141 525**	**349 708**	3.0	7.5	8	13	2.5	6.3	8	13
25	27	**141 962**	**350 787**	2.9	7.5	8	13	2.5	6.2	8	13
26	28	**142 367**	**351 789**	2.9	7.5	8	13	2.4	6.2	8	13
23	24	**146 930**	**363 065**	2.8	7.2	8	13	2.4	6.0	8	13
24	25	**147 186**	**363 696**	2.8	7.2	8	13	2.4	6.0	8	13
25	26	**147 422**	**364 279**	2.8	7.2	8	13	2.4	6.0	8	13
26	27	**147 640**	**364 819**	2.8	7.2	8	13	2.4	6.0	8	13
27	28	**147 843**	**365 320**	2.8	7.2	8	13	2.4	6.0	8	13
23	23	**153 318**	**378 850**	2.7	6.9	8	13	2.3	5.8	8	13
28	27	**158 997**	**392 881**	2.6	6.7	8	13	2.2	5.6	8	13
27	26	**159 215**	**393 421**	2.6	6.7	8	13	2.2	5.6	8	13
26	25	**159 451**	**394 004**	2.6	6.7	8	13	2.2	5.6	8	13
25	24	**159 707**	**394 635**	2.6	6.7	8	13	2.2	5.5	8	13
24	23	**159 985**	**395 322**	2.6	6.6	8	13	2.2	5.5	8	13
28	26	**165 112**	**407 992**	2.5	6.4	8	13	2.1	5.4	8	13
27	25	**165 584**	**409 158**	2.5	6.4	8	13	2.1	5.3	8	13
26	24	**166 095**	**410 421**	2.5	6.4	8	13	2.1	5.3	8	13
25	23	**166 651**	**411 793**	2.5	6.4	8	13	2.1	5.3	8	13
19	17	**171 356**	**423 421**	2.4	6.2	8	13	2.0	5.2	8	13
28	25	**171 717**	**424 312**	2.4	6.2	8	13	2.0	5.2	8	13
27	24	**172 483**	**426 206**	2.4	6.2	8	13	2.0	5.1	8	13
26	23	**173 317**	**428 265**	2.4	6.1	8	13	2.0	5.1	8	13
28	24	**178 872**	**441 992**	2.3	5.9	8	13	1.9	4.9	8	13
27	23	**179 983**	**444 737**	2.3	5.9	8	13	1.9	4.9	8	13
23	19	**185 596**	**458 608**	2.3	5.7	8	13	1.9	4.8	8	13
28	23	**186 649**	**461 209**	2.2	5.7	8	13	1.9	4.7	8	13
24	19	**193 665**	**478 547**	2.2	5.5	8	13	1.8	4.6	8	13
25	19	**201 735**	**498 487**	2.1	5.3	8	13	1.7	4.4	8	13
23	17	**207 431**	**512 562**	2.0	5.1	8	13	1.7	4.3	8	13
26	19	**209 804**	**518 426**	2.0	5.1	8	13	1.7	4.2	8	13
24	17	**216 450**	**534 847**	1.9	4.9	8	13	1.6	4.1	8	13
27	19	**217 874**	**538 366**	1.9	4.9	8	13	1.6	4.1	8	13
25	17	**225 468**	**557 132**	1.9	4.7	8	13	1.5	3.9	8	13
28	19	**225 943**	**558 305**	1.9	4.7	8	13	1.5	3.9	8	13
26	17	**234 487**	**579 418**	1.8	4.5	8	13	1.5	3.8	8	13
27	17	**243 506**	**601 703**	1.7	4.4	8	13	1.4	3.6	8	13
28	17	**252 525**	**623 988**	1.7	4.2	8	13	1.4	3.5	8	13

68289D

YP1225A-1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2cm Rows) Range Sprockets: Driving = 15 Driven = 30				36in Rows (91.4cm Rows) Range Sprockets: Driving = 18 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**93 086**	**230 016**	3.4	8.6	8	13	2.2	5.7	8	13	1.9	4.8	8	13
17	27	**96 534**	**238 535**	3.2	8.3	8	13	2.2	5.5	8	13	1.8	4.6	8	13
17	26	**100 247**	**247 710**	3.1	7.9	8	13	2.1	5.3	8	13	1.7	4.4	8	13
19	28	**104 038**	**257 077**	3.0	7.7	8	13	2.0	5.1	8	13	1.7	4.3	8	13
17	25	**104 257**	**257 618**	3.0	7.6	8	13	2.0	5.1	8	13	1.7	4.2	8	13
19	27	**107 891**	**266 598**	2.9	7.4	8	13	1.9	4.9	8	13	1.6	4.1	8	13
17	24	**108 601**	**268 352**	2.9	7.3	8	13	1.9	4.9	8	13	1.6	4.1	8	13
19	26	**112 040**	**276 852**	2.8	7.1	8	13	1.9	4.7	8	13	1.6	4.0	8	13
17	23	**113 322**	**280 020**	2.8	7.0	8	13	1.8	4.7	8	13	1.5	3.9	8	13
19	25	**116 522**	**287 926**	2.7	6.8	8	13	1.8	4.6	8	13	1.5	3.8	8	13
19	24	**121 377**	**299 923**	2.6	6.6	8	13	1.7	4.4	8	13	1.4	3.6	8	13
23	28	**125 940**	**311 198**	2.5	6.3	8	13	1.7	4.2	8	13	1.4	3.5	8	13
19	23	**126 654**	**312 963**	2.5	6.3	8	13	1.7	4.2	8	13	1.4	3.5	8	13
23	27	**130 605**	**322 724**	2.4	6.1	8	13	1.6	4.1	8	13	1.3	3.4	7	11
24	28	**131 416**	**324 729**	2.4	6.1	8	13	1.6	4.0	8	13	1.3	3.4	7	11
23	26	**135 628**	**335 137**	2.3	5.9	8	13	1.5	3.9	8	13	1.3	3.3	7	11
24	27	**136 283**	**336 756**	2.3	5.8	8	13	1.5	3.9	8	13	1.3	3.2	7	11
25	28	**136 892**	**338 259**	2.3	5.8	8	13	1.5	3.9	8	13	1.3	3.2	7	11
17	19	**137 180**	**338 971**	2.3	5.8	8	13	1.5	3.9	8	13	1.3	3.2	7	11
23	25	**141 053**	**348 542**	2.2	5.6	8	13	1.5	3.8	8	13	1.2	3.1	7	11
24	26	**141 525**	**349 708**	2.2	5.6	8	13	1.5	3.8	8	13	1.2	3.1	7	11
25	27	**141 962**	**350 787**	2.2	5.6	8	13	1.5	3.7	8	13	1.2	3.1	7	11
26	28	**142 367**	**351 789**	2.2	5.6	8	13	1.5	3.7	8	13	1.2	3.1	7	11
23	24	**146 930**	**363 065**	2.1	5.4	8	13	1.4	3.6	8	13	1.2	3.0	6	10
24	25	**147 186**	**363 696**	2.1	5.4	8	13	1.4	3.6	8	13	1.2	3.0	6	10
25	26	**147 422**	**364 279**	2.1	5.4	8	13	1.4	3.6	8	13	1.2	3.0	6	10
26	27	**147 640**	**364 819**	2.1	5.4	8	13	1.4	3.6	8	13	1.2	3.0	6	10
27	28	**147 843**	**365 320**	2.1	5.4	8	13	1.4	3.6	8	13	1.2	3.0	6	10
23	23	**153 318**	**378 850**	2.0	5.2	8	13	1.4	3.5	8	13	1.1	2.9	6	10
28	27	**158 997**	**392 881**	2.0	5.0	8	13	1.3	3.3	7	11	1.1	2.8	6	10
27	26	**159 215**	**393 421**	2.0	5.0	8	13	1.3	3.3	7	11	1.1	2.8	6	10
26	25	**159 451**	**394 004**	2.0	5.0	8	13	1.3	3.3	7	11	1.1	2.8	6	10
25	24	**159 707**	**394 635**	2.0	5.0	8	13	1.3	3.3	7	11	1.1	2.8	6	10
24	23	**159 985**	**395 322**	2.0	5.0	8	13	1.3	3.3	7	11	1.1	2.8	6	10
28	26	**165 112**	**407 992**	1.9	4.8	8	13	1.3	3.2	7	11	1.1	2.7	6	10
27	25	**165 584**	**409 158**	1.9	4.8	8	13	1.3	3.2	7	11	1.1	2.7	6	10
26	24	**166 095**	**410 421**	1.9	4.8	8	13	1.3	3.2	7	11	1.0	2.7	6	10
25	23	**166 651**	**411 793**	1.9	4.8	8	13	1.3	3.2	7	11	1.0	2.7	6	10
19	17	**171 356**	**423 421**	1.8	4.6	8	13	1.2	3.1	7	11	1.0	2.6	5	8
28	25	**171 717**	**424 312**	1.8	4.6	8	13	1.2	3.1	7	11	1.0	2.6	5	8
27	24	**172 483**	**426 206**	1.8	4.6	8	13	1.2	3.1	7	11	1.0	2.6	5	8
26	23	**173 317**	**428 265**	1.8	4.6	8	13	1.2	3.1	7	11	1.0	2.6	5	8
28	24	**178 872**	**441 992**	1.8	4.5	8	13	1.2	3.0	6	10	1.0	2.5	5	8
27	23	**179 983**	**444 737**	1.7	4.4	8	13	1.2	3.0	6	10	1.0	2.5	5	8
23	19	**185 596**	**458 608**	1.7	4.3	8	13	1.1	2.9	6	10	0.9	2.4	5	8
28	23	**186 649**	**461 209**	1.7	4.3	8	13	1.1	2.8	6	10	0.9	2.4	5	8
24	19	**193 665**	**478 547**	1.6	4.1	8	13	1.1	2.7	6	10	0.9	2.3	5	8
25	19	**201 735**	**498 487**	1.6	3.9	8	13	1.0	2.6	6	10	0.9	2.2	5	8
23	17	**207 431**	**512 562**	1.5	3.8	8	13	1.0	2.6	5	8	0.8	2.1	4	6
26	19	**209 804**	**518 426**	1.5	3.8	8	13	1.0	2.5	5	8	0.8	2.1	4	6
24	17	**216 450**	**534 847**	1.4	3.7	8	13	1.0	2.5	5	8	0.8	2.0	4	6
27	19	**217 874**	**538 366**	1.4	3.7	8	13	1.0	2.4	5	8	0.8	2.0	4	6
25	17	**225 468**	**557 132**	1.4	3.5	8	13	0.9	2.4	5	8	0.8	2.0	4	6
28	19	**225 943**	**558 305**	1.4	3.5	8	13	0.9	2.4	5	8	0.8	2.0	4	6
26	17	**234 487**	**579 418**	1.3	3.4	7	11	0.9	2.3	5	8	0.7	1.9	4	6
27	17	**243 506**	**601 703**	1.3	3.3	7	11	0.9	2.2	5	8	0.7	1.8	4	6
28	17	**252 525**	**623 988**	1.2	3.2	7	11	0.8	2.1	4	6	0.7	1.8	4	6

68289E

YP1225A-1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 30				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 30			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**186 172**	**460 032**	2.2	5.7	8	13	1.9	4.8	8	13
17	27	**193 068**	**477 070**	2.2	5.5	8	13	1.8	4.6	8	13
17	26	**200 493**	**495 419**	2.1	5.3	8	13	1.7	4.4	8	13
19	28	**208 075**	**514 154**	2.0	5.1	8	13	1.7	4.3	8	13
17	25	**208 513**	**515 236**	2.0	5.1	8	13	1.7	4.2	8	13
19	27	**215 782**	**533 196**	1.9	4.9	8	13	1.6	4.1	8	13
17	24	**217 201**	**536 704**	1.9	4.9	8	13	1.6	4.1	8	13
19	26	**224 081**	**553 704**	1.9	4.7	8	13	1.6	4.0	8	13
17	23	**226 645**	**560 039**	1.8	4.7	8	13	1.5	3.9	8	13
19	25	**233 044**	**575 852**	1.8	4.6	8	13	1.5	3.8	8	13
19	24	**242 754**	**599 846**	1.7	4.4	8	13	1.4	3.6	8	13
23	28	**251 880**	**622 396**	1.7	4.2	8	13	1.4	3.5	8	13
19	23	**253 309**	**625 926**	1.7	4.2	8	13	1.4	3.5	8	13
23	27	**261 209**	**645 448**	1.6	4.1	8	13	1.3	3.4	7	11
24	28	**262 832**	**649 457**	1.6	4.0	8	13	1.3	3.4	7	11
23	26	**271 256**	**670 273**	1.5	3.9	8	13	1.3	3.3	7	11
24	27	**272 566**	**673 511**	1.5	3.9	8	13	1.3	3.2	7	11
25	28	**273 783**	**676 518**	1.5	3.9	8	13	1.3	3.2	7	11
17	19	**274 359**	**677 942**	1.5	3.9	8	13	1.3	3.2	7	11
23	25	**282 106**	**697 084**	1.5	3.8	8	13	1.2	3.1	7	11
24	26	**283 050**	**699 415**	1.5	3.8	8	13	1.2	3.1	7	11
25	27	**283 923**	**701 574**	1.5	3.7	8	13	1.2	3.1	7	11
26	28	**284 734**	**703 579**	1.5	3.7	8	13	1.2	3.1	7	11
23	24	**293 860**	**726 129**	1.4	3.6	8	13	1.2	3.0	6	10
24	25	**294 371**	**727 392**	1.4	3.6	8	13	1.2	3.0	6	10
25	26	**294 843**	**728 558**	1.4	3.6	8	13	1.2	3.0	6	10
26	27	**295 280**	**729 637**	1.4	3.6	8	13	1.2	3.0	6	10
27	28	**295 686**	**730 639**	1.4	3.6	8	13	1.2	3.0	6	10
23	23	**306 637**	**757 700**	1.4	3.5	8	13	1.1	2.9	6	10
28	27	**317 994**	**785 763**	1.3	3.3	7	11	1.1	2.8	6	10
27	26	**318 431**	**786 842**	1.3	3.3	7	11	1.1	2.8	6	10
26	25	**318 902**	**788 008**	1.3	3.3	7	11	1.1	2.8	6	10
25	24	**319 414**	**789 271**	1.3	3.3	7	11	1.1	2.8	6	10
24	23	**319 969**	**790 643**	1.3	3.3	7	11	1.1	2.8	6	10
28	26	**330 224**	**815 985**	1.3	3.2	7	11	1.1	2.7	6	10
27	25	**331 168**	**818 316**	1.3	3.2	7	11	1.1	2.7	6	10
26	24	**332 190**	**820 842**	1.3	3.2	7	11	1.0	2.7	6	10
25	23	**333 301**	**823 587**	1.3	3.2	7	11	1.0	2.7	6	10
19	17	**342 712**	**846 841**	1.2	3.1	7	11	1.0	2.6	5	8
28	25	**343 433**	**848 624**	1.2	3.1	7	11	1.0	2.6	5	8
27	24	**344 967**	**852 412**	1.2	3.1	7	11	1.0	2.6	5	8
26	23	**346 633**	**856 530**	1.2	3.1	7	11	1.0	2.6	5	8
28	24	**357 743**	**883 983**	1.2	3.0	6	10	1.0	2.5	5	8
27	23	**359 965**	**889 474**	1.2	3.0	6	10	1.0	2.5	5	8
23	19	**371 192**	**917 216**	1.1	2.9	6	10	0.9	2.4	5	8
28	23	**373 297**	**922 417**	1.1	2.8	6	10	0.9	2.4	5	8
24	19	**387 331**	**957 095**	1.1	2.7	6	10	0.9	2.3	5	8
25	19	**403 470**	**996 974**	1.0	2.6	6	10	0.9	2.2	5	8
23	17	**414 862**	**1 025 123**	1.0	2.6	5	8	0.8	2.1	4	6
26	19	**419 608**	**1 036 853**	1.0	2.5	5	8	0.8	2.1	4	6
24	17	**432 899**	**1 069 694**	1.0	2.5	5	8	0.8	2.0	4	6
27	19	**435 747**	**1 076 732**	1.0	2.4	5	8	0.8	2.0	4	6
25	17	**450 937**	**1 114 265**	0.9	2.4	5	8	0.8	2.0	4	6
28	19	**451 886**	**1 116 610**	0.9	2.4	5	8	0.8	2.0	4	6
26	17	**468 974**	**1 158 835**	0.9	2.3	5	8	0.7	1.9	4	6
27	17	**487 012**	**1 203 406**	0.9	2.2	5	8	0.7	1.8	4	6
28	17	**505 049**	**1 247 976**	0.8	2.1	4	6	0.7	1.8	4	6

68289G

YP1225A-1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 30				30in Rows (76.2cm Rows) Range Sprockets: Driving = 30 Driven = 30				36in Rows (91.4cm Rows) Range Sprockets: Driving = 36 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**186 172**	**460 032**	1.7	4.3	8	13	1.1	2.9	6	10	0.9	2.4	5	8
17	27	**193 068**	**477 070**	1.6	4.1	8	13	1.1	2.8	6	10	0.9	2.3	5	8
17	26	**200 493**	**495 419**	1.6	4.0	8	13	1.0	2.6	6	10	0.9	2.2	5	8
19	28	**208 075**	**514 154**	1.5	3.8	8	13	1.0	2.6	5	8	0.8	2.1	4	6
17	25	**208 513**	**515 236**	1.5	3.8	8	13	1.0	2.5	5	8	0.8	2.1	4	6
19	27	**215 782**	**533 196**	1.5	3.7	8	13	1.0	2.5	5	8	0.8	2.1	4	6
17	24	**217 201**	**536 704**	1.4	3.7	8	13	1.0	2.4	5	8	0.8	2.0	4	6
19	26	**224 081**	**553 704**	1.4	3.6	8	13	0.9	2.4	5	8	0.8	2.0	4	6
17	23	**226 645**	**560 039**	1.4	3.5	8	13	0.9	2.3	5	8	0.8	2.0	4	6
19	25	**233 044**	**575 852**	1.3	3.4	7	11	0.9	2.3	5	8	0.7	1.9	4	6
19	24	**242 754**	**599 846**	1.3	3.3	7	11	0.9	2.2	5	8	0.7	1.8	4	6
23	28	**251 880**	**622 396**	1.2	3.2	7	11	0.8	2.1	4	6	0.7	1.8	4	6
19	23	**253 309**	**625 926**	1.2	3.1	7	11	0.8	2.1	4	6	0.7	1.7	4	6
23	27	**261 209**	**645 448**	1.2	3.0	7	11	0.8	2.0	4	6	0.7	1.7	3	5
24	28	**262 832**	**649 457**	1.2	3.0	7	11	0.8	2.0	4	6	0.7	1.7	3	5
23	26	**271 256**	**670 273**	1.2	2.9	6	10	0.8	2.0	4	6	0.6	1.6	3	5
24	27	**272 566**	**673 511**	1.2	2.9	6	10	0.8	1.9	4	6	0.6	1.6	3	5
25	28	**273 783**	**676 518**	1.1	2.9	6	10	0.8	1.9	4	6	0.6	1.6	3	5
17	19	**274 359**	**677 942**	1.1	2.9	6	10	0.8	1.9	4	6	0.6	1.6	3	5
23	25	**282 106**	**697 084**	1.1	2.8	6	10	0.7	1.9	4	6	0.6	1.6	3	5
24	26	**283 050**	**699 415**	1.1	2.8	6	10	0.7	1.9	4	6	0.6	1.6	3	5
25	27	**283 923**	**701 574**	1.1	2.8	6	10	0.7	1.9	4	6	0.6	1.6	3	5
26	28	**284 734**	**703 579**	1.1	2.8	6	10	0.7	1.9	4	6	0.6	1.6	3	5
23	24	**293 860**	**726 129**	1.1	2.7	6	10	0.7	1.8	4	6	0.6	1.5	3	5
24	25	**294 371**	**727 392**	1.1	2.7	6	10	0.7	1.8	4	6	0.6	1.5	3	5
25	26	**294 843**	**728 558**	1.1	2.7	6	10	0.7	1.8	4	6	0.6	1.5	3	5
26	27	**295 280**	**729 637**	1.1	2.7	6	10	0.7	1.8	4	6	0.6	1.5	3	5
27	28	**295 686**	**730 639**	1.1	2.7	6	10	0.7	1.8	4	6	0.6	1.5	3	5
23	23	**306 637**	**757 700**	1.0	2.6	6	10	0.7	1.7	4	6	0.6	1.4	3	5
28	27	**317 994**	**785 763**	1.0	2.5	5	8	0.7	1.7	3	5	0.5	1.4	3	5
27	26	**318 431**	**786 842**	1.0	2.5	5	8	0.7	1.7	3	5	0.5	1.4	3	5
26	25	**318 902**	**788 008**	1.0	2.5	5	8	0.7	1.7	3	5	0.5	1.4	3	5
25	24	**319 414**	**789 271**	1.0	2.5	5	8	0.7	1.7	3	5	0.5	1.4	3	5
24	23	**319 969**	**790 643**	1.0	2.5	5	8	0.7	1.7	3	5	0.5	1.4	3	5
28	26	**330 224**	**815 985**	0.9	2.4	5	8	0.6	1.6	3	5	0.5	1.3	3	5
27	25	**331 168**	**818 316**	0.9	2.4	5	8	0.6	1.6	3	5	0.5	1.3	3	5
26	24	**332 190**	**820 842**	0.9	2.4	5	8	0.6	1.6	3	5	0.5	1.3	3	5
25	23	**333 301**	**823 587**	0.9	2.4	5	8	0.6	1.6	3	5	0.5	1.3	3	5
19	17	**342 712**	**846 841**	0.9	2.3	5	8	0.6	1.5	3	5	0.5	1.3	2	3
28	25	**343 433**	**848 624**	0.9	2.3	5	8	0.6	1.5	3	5	0.5	1.3	2	3
27	24	**344 967**	**852 412**	0.9	2.3	5	8	0.6	1.5	3	5	0.5	1.3	2	3
26	23	**346 633**	**856 530**	0.9	2.3	5	8	0.6	1.5	3	5	0.5	1.3	2	3
28	24	**357 743**	**883 983**	0.9	2.2	5	8	0.6	1.5	3	5	0.5	1.2	2	3
27	23	**359 965**	**889 474**	0.9	2.2	5	8	0.6	1.5	3	5	0.5	1.2	2	3
23	19	**371 192**	**917 216**	0.8	2.1	4	6	0.6	1.4	3	5	0.5	1.2	2	3
28	23	**373 297**	**922 417**	0.8	2.1	4	6	0.6	1.4	3	5	0.5	1.2	2	3
24	19	**387 331**	**957 095**	0.8	2.1	4	6	0.5	1.4	3	5	0.4	1.1	2	3
25	19	**403 470**	**996 974**	0.8	2.0	4	6	0.5	1.3	3	5	0.4	1.1	2	3
23	17	**414 862**	**1 025 123**	0.8	1.9	4	6	0.5	1.3	2	3	0.4	1.1	2	3
26	19	**419 608**	**1 036 853**	0.7	1.9	4	6	0.5	1.3	2	3	0.4	1.1	2	3
24	17	**432 899**	**1 069 694**	0.7	1.8	4	6	0.5	1.2	2	3	0.4	1.0	2	3
27	19	**435 747**	**1 076 732**	0.7	1.8	4	6	0.5	1.2	2	3	0.4	1.0	2	3
25	17	**450 937**	**1 114 265**	0.7	1.8	4	6	0.5	1.2	2	3	0.4	1.0	2	3
28	19	**451 886**	**1 116 610**	0.7	1.8	4	6	0.5	1.2	2	3	0.4	1.0	2	3
26	17	**468 974**	**1 158 835**	0.7	1.7	3	5	0.4	1.1	2	3	0.4	0.9	2	3
27	17	**487 012**	**1 203 406**	0.6	1.6	3	5	0.4	1.1	2	3	0.4	0.9	2	3
28	17	**505 049**	**1 247 976**	0.6	1.6	3	5	0.4	1.1	2	3	0.3	0.9	2	3

68289H

YP1225A - 1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

Low Range
Seed In Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 70cm 35cm Rows (Range Sprockets: Driving = 15, Driven = 60)				70cm Rows (Range Sprockets: Driving = 15, Driven = 30)			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**101 331**	**250 386**	4.5	11.4	8	13	2.2	5.7	8	13
17	27	**105 084**	**259 660**	4.3	11.0	8	13	2.2	5.5	8	13
17	26	**109 126**	**269 646**	4.2	10.6	8	13	2.1	5.3	8	13
19	28	**113 253**	**279 843**	4.0	10.2	8	13	2.0	5.1	8	13
17	25	**113 491**	**280 432**	4.0	10.2	8	13	2.0	5.1	8	13
19	27	**117 447**	**290 208**	3.9	9.8	8	13	1.9	4.9	8	13
17	24	**118 220**	**292 117**	3.9	9.8	8	13	1.9	4.9	8	13
19	26	**121 964**	**301 370**	3.7	9.5	8	13	1.9	4.7	8	13
17	23	**123 360**	**304 818**	3.7	9.4	8	13	1.8	4.7	8	13
19	25	**126 843**	**313 424**	3.6	9.1	8	13	1.8	4.6	8	13
19	24	**132 128**	**326 484**	3.4	8.8	8	13	1.7	4.4	8	13
23	28	**137 095**	**338 758**	3.3	8.4	8	13	1.7	4.2	8	13
19	23	**137 873**	**340 679**	3.3	8.4	8	13	1.7	4.2	8	13
23	27	**142 173**	**351 304**	3.2	8.1	8	13	1.6	4.1	8	13
24	28	**143 056**	**353 486**	3.2	8.1	8	13	1.6	4.0	8	13
23	26	**147 641**	**364 816**	3.1	7.8	8	13	1.5	3.9	8	13
24	27	**148 354**	**366 578**	3.1	7.8	8	13	1.5	3.9	8	13
25	28	**149 016**	**368 215**	3.1	7.8	8	13	1.5	3.9	8	13
17	19	**149 330**	**368 990**	3.0	7.7	8	13	1.5	3.9	8	13
23	25	**153 547**	**379 408**	3.0	7.5	8	13	1.5	3.8	8	13
24	26	**154 060**	**380 677**	3.0	7.5	8	13	1.5	3.8	8	13
25	27	**154 536**	**381 852**	2.9	7.5	8	13	1.5	3.7	8	13
26	28	**154 977**	**382 943**	2.9	7.5	8	13	1.5	3.7	8	13
23	24	**159 944**	**395 217**	2.8	7.2	8	13	1.4	3.6	8	13
24	25	**160 223**	**395 904**	2.8	7.2	8	13	1.4	3.6	8	13
25	26	**160 479**	**396 539**	2.8	7.2	8	13	1.4	3.6	8	13
26	27	**160 717**	**397 126**	2.8	7.2	8	13	1.4	3.6	8	13
27	28	**160 938**	**397 672**	2.8	7.2	8	13	1.4	3.6	8	13
23	23	**166 898**	**412 400**	2.7	6.9	8	13	1.4	3.5	8	13
28	27	**173 080**	**427 675**	2.6	6.7	8	13	1.3	3.3	7	11
27	26	**173 318**	**428 262**	2.6	6.7	8	13	1.3	3.3	7	11
26	25	**173 574**	**428 896**	2.6	6.7	8	13	1.3	3.3	7	11
25	24	**173 853**	**429 584**	2.6	6.7	8	13	1.3	3.3	7	11
24	23	**174 155**	**430 331**	2.6	6.6	8	13	1.3	3.3	7	11
28	26	**179 737**	**444 124**	2.5	6.4	8	13	1.3	3.2	7	11
27	25	**180 250**	**445 392**	2.5	6.4	8	13	1.3	3.2	7	11
26	24	**180 807**	**446 767**	2.5	6.4	8	13	1.3	3.2	7	11
25	23	**181 411**	**448 261**	2.5	6.4	8	13	1.3	3.2	7	11
19	17	**186 534**	**460 918**	2.4	6.2	8	13	1.2	3.1	7	11
28	25	**186 926**	**461 888**	2.4	6.2	8	13	1.2	3.1	7	11
27	24	**187 761**	**463 950**	2.4	6.2	8	13	1.2	3.1	7	11
26	23	**188 668**	**466 192**	2.4	6.1	8	13	1.2	3.1	7	11
28	24	**194 715**	**481 134**	2.3	5.9	8	13	1.2	3.0	6	10
27	23	**195 924**	**484 122**	2.3	5.9	8	13	1.2	3.0	6	10
23	19	**202 035**	**499 222**	2.3	5.7	8	13	1.1	2.9	6	10
28	23	**203 181**	**502 053**	2.2	5.7	8	13	1.1	2.8	6	10
24	19	**210 819**	**520 927**	2.2	5.5	8	13	1.1	2.7	6	10
25	19	**219 603**	**542 632**	2.1	5.3	8	13	1.0	2.6	6	10
23	17	**225 804**	**557 954**	2.0	5.1	8	13	1.0	2.6	5	8
26	19	**228 387**	**564 337**	2.0	5.1	8	13	1.0	2.5	5	8
24	17	**235 621**	**582 212**	1.9	4.9	8	13	1.0	2.5	5	8
27	19	**237 171**	**586 043**	1.9	4.9	8	13	1.0	2.4	5	8
25	17	**245 439**	**606 471**	1.9	4.7	8	13	0.9	2.4	5	8
28	19	**245 956**	**607 748**	1.9	4.7	8	13	0.9	2.4	5	8
26	17	**255 256**	**630 730**	1.8	4.5	8	13	0.9	2.3	5	8
27	17	**265 074**	**654 989**	1.7	4.4	8	13	0.9	2.2	5	8
28	17	**274 892**	**679 248**	1.7	4.2	8	13	0.8	2.1	4	6

68289F

YP1225A - 1625A
168 Cell Disk
403-551D SOYBEAN

SOYBEAN

Air-Pro Meter
Ezee Glide Plus Required

High Range
Seed In Shutter Setting: **2**

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 30				Range Sprockets: Driving = 30 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**202 662**	**500 772**	2.2	5.7	8	13	1.1	2.9	6	10
17	27	**210 168**	**519 319**	2.2	5.5	8	13	1.1	2.8	6	10
17	26	**218 252**	**539 293**	2.1	5.3	8	13	1.0	2.6	6	10
19	28	**226 505**	**559 686**	2.0	5.1	8	13	1.0	2.6	5	8
17	25	**226 982**	**560 865**	2.0	5.1	8	13	1.0	2.5	5	8
19	27	**234 894**	**580 415**	1.9	4.9	8	13	1.0	2.5	5	8
17	24	**236 439**	**584 234**	1.9	4.9	8	13	1.0	2.4	5	8
19	26	**243 929**	**602 739**	1.9	4.7	8	13	0.9	2.4	5	8
17	23	**246 719**	**609 635**	1.8	4.7	8	13	0.9	2.3	5	8
19	25	**253 686**	**626 849**	1.8	4.6	8	13	0.9	2.3	5	8
19	24	**264 256**	**652 967**	1.7	4.4	8	13	0.9	2.2	5	8
23	28	**274 190**	**677 515**	1.7	4.2	8	13	0.8	2.1	4	6
19	23	**275 745**	**681 357**	1.7	4.2	8	13	0.8	2.1	4	6
23	27	**284 346**	**702 608**	1.6	4.1	8	13	0.8	2.0	4	6
24	28	**286 112**	**706 972**	1.6	4.0	8	13	0.8	2.0	4	6
23	26	**295 282**	**729 632**	1.5	3.9	8	13	0.8	2.0	4	6
24	27	**296 708**	**733 156**	1.5	3.9	8	13	0.8	1.9	4	6
25	28	**298 033**	**736 429**	1.5	3.9	8	13	0.8	1.9	4	6
17	19	**298 660**	**737 980**	1.5	3.9	8	13	0.8	1.9	4	6
23	25	**307 093**	**758 817**	1.5	3.8	8	13	0.7	1.9	4	6
24	26	**308 120**	**761 355**	1.5	3.8	8	13	0.7	1.9	4	6
25	27	**309 071**	**763 705**	1.5	3.7	8	13	0.7	1.9	4	6
26	28	**309 954**	**765 887**	1.5	3.7	8	13	0.7	1.9	4	6
23	24	**319 889**	**790 434**	1.4	3.6	8	13	0.7	1.8	4	6
24	25	**320 445**	**791 809**	1.4	3.6	8	13	0.7	1.8	4	6
25	26	**320 959**	**793 078**	1.4	3.6	8	13	0.7	1.8	4	6
26	27	**321 434**	**794 253**	1.4	3.6	8	13	0.7	1.8	4	6
27	28	**321 876**	**795 344**	1.4	3.6	8	13	0.7	1.8	4	6
23	23	**333 797**	**824 801**	1.4	3.5	8	13	0.7	1.7	4	6
28	27	**346 160**	**855 349**	1.3	3.3	7	11	0.7	1.7	3	5
27	26	**346 635**	**856 524**	1.3	3.3	7	11	0.7	1.7	3	5
26	25	**347 149**	**857 793**	1.3	3.3	7	11	0.7	1.7	3	5
25	24	**347 705**	**859 168**	1.3	3.3	7	11	0.7	1.7	3	5
24	23	**348 310**	**860 662**	1.3	3.3	7	11	0.7	1.7	3	5
28	26	**359 474**	**888 247**	1.3	3.2	7	11	0.6	1.6	3	5
27	25	**360 501**	**890 785**	1.3	3.2	7	11	0.6	1.6	3	5
26	24	**361 613**	**893 534**	1.3	3.2	7	11	0.6	1.6	3	5
25	23	**362 823**	**896 523**	1.3	3.2	7	11	0.6	1.6	3	5
19	17	**373 067**	**921 836**	1.2	3.1	7	11	0.6	1.5	3	5
28	25	**373 853**	**923 777**	1.2	3.1	7	11	0.6	1.5	3	5
27	24	**375 522**	**927 901**	1.2	3.1	7	11	0.6	1.5	3	5
26	23	**377 336**	**932 384**	1.2	3.1	7	11	0.6	1.5	3	5
28	24	**389 430**	**962 268**	1.2	3.0	6	10	0.6	1.5	3	5
27	23	**391 849**	**968 245**	1.2	3.0	6	10	0.6	1.5	3	5
23	19	**404 070**	**998 443**	1.1	2.9	6	10	0.6	1.4	3	5
28	23	**406 361**	**1 004 105**	1.1	2.8	6	10	0.6	1.4	3	5
24	19	**421 638**	**1 041 854**	1.1	2.7	6	10	0.5	1.4	3	5
25	19	**439 206**	**1 085 264**	1.0	2.6	6	10	0.5	1.3	3	5
23	17	**451 608**	**1 115 907**	1.0	2.6	5	8	0.5	1.3	2	3
26	19	**456 775**	**1 128 675**	1.0	2.5	5	8	0.5	1.3	2	3
24	17	**471 243**	**1 164 425**	1.0	2.5	5	8	0.5	1.2	2	3
27	19	**474 343**	**1 172 085**	1.0	2.4	5	8	0.5	1.2	2	3
25	17	**490 878**	**1 212 942**	0.9	2.4	5	8	0.5	1.2	2	3
28	19	**491 911**	**1 215 496**	0.9	2.4	5	8	0.5	1.2	2	3
26	17	**510 513**	**1 261 460**	0.9	2.3	5	8	0.4	1.1	2	3
27	17	**530 148**	**1 309 978**	0.9	2.2	5	8	0.4	1.1	2	3
28	17	**549 783**	**1 358 496**	0.8	2.1	4	6	0.4	1.1	2	3

68289J

YP1225A-1625A
24 Cell Disk
817-851C SUNFLOWER OIL LARGE
8500 seeds/pound or fewer

SUNFLOWER

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

Transmission Combinations		Seed Population		Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
				Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**13 298**	**32 859**	31.4	79.9	8	13	26.2	66.6	8	13
17	27	**13 791**	**34 076**	30.3	77.0	8	13	25.3	64.2	8	13
17	26	**14 321**	**35 387**	29.2	74.2	8	13	24.3	61.8	8	13
19	28	**14 863**	**36 725**	28.1	71.5	8	13	23.4	59.6	8	13
17	25	**14 894**	**36 803**	28.1	71.3	8	13	23.4	59.4	8	13
19	27	**15 413**	**38 085**	27.1	68.9	8	13	22.6	57.4	8	13
17	24	**15 514**	**38 336**	27.0	68.5	8	13	22.5	57.1	8	13
19	26	**16 006**	**39 550**	26.1	66.4	8	13	21.8	55.3	8	13
17	23	**16 189**	**40 003**	25.8	65.6	8	13	21.5	54.7	8	13
19	25	**16 646**	**41 132**	25.1	63.8	8	13	20.9	53.2	8	13
19	24	**17 340**	**42 846**	24.1	61.3	8	13	20.1	51.0	8	13
23	28	**17 991**	**44 457**	23.2	59.0	8	13	19.4	49.2	8	13
19	23	**18 093**	**44 709**	23.1	58.7	8	13	19.3	48.9	8	13
23	27	**18 658**	**46 103**	22.4	56.9	8	13	18.7	47.4	8	13
24	28	**18 774**	**46 390**	22.3	56.6	8	13	18.6	47.1	8	13
23	26	**19 375**	**47 877**	21.6	54.8	8	13	18.0	45.7	8	13
24	27	**19 469**	**48 108**	21.5	54.6	8	13	17.9	45.5	8	13
25	28	**19 556**	**48 323**	21.4	54.3	8	13	17.8	45.3	8	13
17	19	**19 597**	**48 424**	21.3	54.2	8	13	17.8	45.2	8	13
23	25	**20 150**	**49 792**	20.8	52.7	8	13	17.3	43.9	8	13
24	26	**20 218**	**49 958**	20.7	52.5	8	13	17.2	43.8	8	13
25	27	**20 280**	**50 112**	20.6	52.4	8	13	17.2	43.6	8	13
26	28	**20 338**	**50 256**	20.6	52.2	8	13	17.1	43.5	8	13
23	24	**20 990**	**51 866**	19.9	50.6	8	13	16.6	42.2	8	13
24	25	**21 027**	**51 957**	19.9	50.5	8	13	16.6	42.1	8	13
25	26	**21 060**	**52 040**	19.9	50.4	8	13	16.5	42.0	8	13
26	27	**21 091**	**52 117**	19.8	50.4	8	13	16.5	42.0	8	13
27	28	**21 120**	**52 189**	19.8	50.3	8	13	16.5	41.9	8	13
23	23	**21 903**	**54 121**	19.1	48.5	8	13	15.9	40.4	8	13
28	27	**22 714**	**56 126**	18.4	46.8	8	13	15.3	39.0	8	13
27	26	**22 745**	**56 203**	18.4	46.7	8	13	15.3	38.9	8	13
26	25	**22 779**	**56 286**	18.4	46.6	8	13	15.3	38.9	8	13
25	24	**22 815**	**56 376**	18.3	46.6	8	13	15.3	38.8	8	13
24	23	**22 855**	**56 475**	18.3	46.5	8	13	15.2	38.7	8	13
28	26	**23 587**	**58 285**	17.7	45.0	8	13	14.8	37.5	8	13
27	25	**23 655**	**58 451**	17.7	44.9	8	13	14.7	37.4	8	13
26	24	**23 728**	**58 632**	17.6	44.8	8	13	14.7	37.3	8	13
25	23	**23 807**	**58 828**	17.6	44.6	8	13	14.6	37.2	8	13
19	17	**24 479**	**60 489**	17.1	43.4	8	13	14.2	36.2	8	13
28	25	**24 531**	**60 616**	17.0	43.3	8	13	14.2	36.1	8	13
27	24	**24 640**	**60 887**	17.0	43.1	8	13	14.1	35.9	8	13
26	23	**24 760**	**61 181**	16.9	42.9	8	13	14.1	35.7	8	13
28	24	**25 553**	**63 142**	16.4	41.6	8	13	13.6	34.6	8	13
27	23	**25 712**	**63 534**	16.3	41.3	8	13	13.6	34.4	8	13
23	19	**26 514**	**65 515**	15.8	40.1	8	13	13.1	33.4	8	13
28	23	**26 664**	**65 887**	15.7	39.8	8	13	13.1	33.2	8	13
24	19	**27 666**	**68 364**	15.1	38.4	8	13	12.6	32.0	8	13
25	19	**28 819**	**71 212**	14.5	36.9	8	13	12.1	30.7	8	13
23	17	**29 633**	**73 223**	14.1	35.8	8	13	11.8	29.9	8	13
26	19	**29 972**	**74 061**	14.0	35.4	8	13	11.6	29.5	7	11
24	17	**30 921**	**76 407**	13.5	34.4	8	13	11.3	28.6	7	11
27	19	**31 125**	**76 909**	13.4	34.1	8	13	11.2	28.4	7	11
25	17	**32 210**	**79 590**	13.0	33.0	8	13	10.8	27.5	7	11
28	19	**32 278**	**79 758**	13.0	32.9	8	13	10.8	27.4	7	11
26	17	**33 498**	**82 774**	12.5	31.7	8	13	10.4	26.4	7	11
27	17	**34 787**	**85 958**	12.0	30.5	8	13	10.0	25.4	6	10
28	17	**36 075**	**89 141**	11.6	29.4	7	11	9.7	24.5	6	10

68290A

YP1225A-1625A
24 Cell Disk
817-851C SUNFLOWER OIL LARGE
8500 seeds/pound or fewer

SUNFLOWER

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2cm Rows) Range Sprockets: Driving = 15 Driven = 30				36in Rows (91.4cm Rows) Range Sprockets: Driving = 18 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**13 298**	**32 859**	23.6	59.9	8	13	15.7	39.9	8	13	13.1	33.3	8	13
17	27	**13 791**	**34 076**	22.7	57.8	8	13	15.2	38.5	8	13	12.6	32.1	8	13
17	26	**14 321**	**35 387**	21.9	55.6	8	13	14.6	37.1	8	13	12.2	30.9	8	13
19	28	**14 863**	**36 725**	21.1	53.6	8	13	14.1	35.7	8	13	11.7	29.8	7	11
17	25	**14 894**	**36 803**	21.1	53.5	8	13	14.0	35.7	8	13	11.7	29.7	7	11
19	27	**15 413**	**38 085**	20.3	51.7	8	13	13.6	34.5	8	13	11.3	28.7	7	11
17	24	**15 514**	**38 336**	20.2	51.3	8	13	13.5	34.2	8	13	11.2	28.5	7	11
19	26	**16 006**	**39 550**	19.6	49.8	8	13	13.1	33.2	8	13	10.9	27.7	7	11
17	23	**16 189**	**40 003**	19.4	49.2	8	13	12.9	32.8	8	13	10.8	27.3	7	11
19	25	**16 646**	**41 132**	18.8	47.9	8	13	12.6	31.9	8	13	10.5	26.6	7	11
19	24	**17 340**	**42 846**	18.1	45.9	8	13	12.1	30.6	8	13	10.0	25.5	6	10
23	28	**17 991**	**44 457**	17.4	44.3	8	13	11.6	29.5	7	11	9.7	24.6	6	10
19	23	**18 093**	**44 709**	17.3	44.0	8	13	11.6	29.4	7	11	9.6	24.5	6	10
23	27	**18 658**	**46 103**	16.8	42.7	8	13	11.2	28.5	7	11	9.3	23.7	6	10
24	28	**18 774**	**46 390**	16.7	42.4	8	13	11.1	28.3	7	11	9.3	23.6	6	10
23	26	**19 375**	**47 877**	16.2	41.1	8	13	10.8	27.4	7	11	9.0	22.8	6	10
24	27	**19 469**	**48 108**	16.1	40.9	8	13	10.7	27.3	7	11	8.9	22.7	6	10
25	28	**19 556**	**48 323**	16.0	40.7	8	13	10.7	27.2	7	11	8.9	22.6	6	10
17	19	**19 597**	**48 424**	16.0	40.7	8	13	10.7	27.1	7	11	8.9	22.6	6	10
23	25	**20 150**	**49 792**	15.6	39.5	8	13	10.4	26.4	7	11	8.6	22.0	5	8
24	26	**20 218**	**49 958**	15.5	39.4	8	13	10.3	26.3	7	11	8.6	21.9	5	8
25	27	**20 280**	**50 112**	15.5	39.3	8	13	10.3	26.2	7	11	8.6	21.8	5	8
26	28	**20 338**	**50 256**	15.4	39.2	8	13	10.3	26.1	7	11	8.6	21.8	5	8
23	24	**20 990**	**51 866**	14.9	38.0	8	13	10.0	25.3	6	10	8.3	21.1	5	8
24	25	**21 027**	**51 957**	14.9	37.9	8	13	9.9	25.3	6	10	8.3	21.0	5	8
25	26	**21 060**	**52 040**	14.9	37.8	8	13	9.9	25.2	6	10	8.3	21.0	5	8
26	27	**21 091**	**52 117**	14.9	37.8	8	13	9.9	25.2	6	10	8.3	21.0	5	8
27	28	**21 120**	**52 189**	14.8	37.7	8	13	9.9	25.1	6	10	8.2	21.0	5	8
23	23	**21 903**	**54 121**	14.3	36.4	8	13	9.5	24.2	6	10	8.0	20.2	5	8
28	27	**22 714**	**56 126**	13.8	35.1	8	13	9.2	23.4	6	10	7.7	19.5	5	8
27	26	**22 745**	**56 203**	13.8	35.0	8	13	9.2	23.3	6	10	7.7	19.5	5	8
26	25	**22 779**	**56 286**	13.8	35.0	8	13	9.2	23.3	6	10	7.6	19.4	5	8
25	24	**22 815**	**56 376**	13.7	34.9	8	13	9.2	23.3	6	10	7.6	19.4	5	8
24	23	**22 855**	**56 475**	13.7	34.9	8	13	9.1	23.2	6	10	7.6	19.4	5	8
28	26	**23 587**	**58 285**	13.3	33.8	8	13	8.9	22.5	6	10	7.4	18.8	5	8
27	25	**23 655**	**58 451**	13.3	33.7	8	13	8.8	22.5	6	10	7.4	18.7	5	8
26	24	**23 728**	**58 632**	13.2	33.6	8	13	8.8	22.4	6	10	7.3	18.7	5	8
25	23	**23 807**	**58 828**	13.2	33.5	8	13	8.8	22.3	5	8	7.3	18.6	4	6
19	17	**24 479**	**60 489**	12.8	32.5	8	13	8.5	21.7	5	8	7.1	18.1	4	6
28	25	**24 531**	**60 616**	12.8	32.5	8	13	8.5	21.6	5	8	7.1	18.0	4	6
27	24	**24 640**	**60 887**	12.7	32.3	8	13	8.5	21.6	5	8	7.1	18.0	4	6
26	23	**24 760**	**61 181**	12.7	32.2	8	13	8.4	21.4	5	8	7.0	17.9	4	6
28	24	**25 553**	**63 142**	12.3	31.2	8	13	8.2	20.8	5	8	6.8	17.3	4	6
27	23	**25 712**	**63 534**	12.2	31.0	8	13	8.1	20.7	5	8	6.8	17.2	4	6
23	19	**26 514**	**65 515**	11.8	30.0	8	13	7.9	20.0	5	8	6.6	16.7	4	6
28	23	**26 664**	**65 887**	11.8	29.9	8	13	7.8	19.9	5	8	6.5	16.6	4	6
24	19	**27 666**	**68 364**	11.3	28.8	7	11	7.6	19.2	5	8	6.3	16.0	4	6
25	19	**28 819**	**71 212**	10.9	27.6	7	11	7.3	18.4	4	6	6.0	15.4	4	6
23	17	**29 633**	**73 223**	10.6	26.9	7	11	7.1	17.9	4	6	5.9	14.9	4	6
26	19	**29 972**	**74 061**	10.5	26.6	7	11	7.0	17.7	4	6	5.8	14.8	3	5
24	17	**30 921**	**76 407**	10.1	25.8	6	10	6.8	17.2	4	6	5.6	14.3	3	5
27	19	**31 125**	**76 909**	10.1	25.6	6	10	6.7	17.1	4	6	5.6	14.2	3	5
25	17	**32 210**	**79 590**	9.7	24.7	6	10	6.5	16.5	4	6	5.4	13.7	3	5
28	19	**32 278**	**79 758**	9.7	24.7	6	10	6.5	16.5	4	6	5.4	13.7	3	5
26	17	**33 498**	**82 774**	9.4	23.8	6	10	6.2	15.9	4	6	5.2	13.2	3	5
27	17	**34 787**	**85 958**	9.0	22.9	6	10	6.0	15.3	4	6	5.0	12.7	3	5
28	17	**36 075**	**89 141**	8.7	22.1	5	8	5.8	14.7	3	5	4.8	12.3	3	5

68290B

YP1225A - 1625A
24 Cell Disk
817-851C SUNFLOWER OIL LARGE

SUNFLOWER

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: 2

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 60				Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**14 476**	**35 769**	31.4	79.9	8	13	15.7	39.9	8	13
17	27	**15 012**	**37 094**	30.3	77.0	8	13	15.2	38.5	8	13
17	26	**15 589**	**38 521**	29.2	74.2	8	13	14.6	37.1	8	13
19	28	**16 179**	**39 978**	28.1	71.5	8	13	14.1	35.7	8	13
17	25	**16 213**	**40 062**	28.1	71.3	8	13	14.0	35.7	8	13
19	27	**16 778**	**41 458**	27.1	68.9	8	13	13.6	34.5	8	13
17	24	**16 889**	**41 731**	27.0	68.5	8	13	13.5	34.2	8	13
19	26	**17 423**	**43 053**	26.1	66.4	8	13	13.1	33.2	8	13
17	23	**17 623**	**43 545**	25.8	65.6	8	13	12.9	32.8	8	13
19	25	**18 120**	**44 775**	25.1	63.8	8	13	12.6	31.9	8	13
19	24	**18 875**	**46 641**	24.1	61.3	8	13	12.1	30.6	8	13
23	28	**19 585**	**48 394**	23.2	59.0	8	13	11.6	29.5	7	11
19	23	**19 696**	**48 668**	23.1	58.7	8	13	11.6	29.4	7	11
23	27	**20 310**	**50 186**	22.4	56.9	8	13	11.2	28.5	7	11
24	28	**20 437**	**50 498**	22.3	56.6	8	13	11.1	28.3	7	11
23	26	**21 092**	**52 117**	21.6	54.8	8	13	10.8	27.4	7	11
24	27	**21 193**	**52 368**	21.5	54.6	8	13	10.7	27.3	7	11
25	28	**21 288**	**52 602**	21.4	54.3	8	13	10.7	27.2	7	11
17	19	**21 333**	**52 713**	21.3	54.2	8	13	10.7	27.1	7	11
23	25	**21 935**	**54 201**	20.8	52.7	8	13	10.4	26.4	7	11
24	26	**22 009**	**54 382**	20.7	52.5	8	13	10.3	26.3	7	11
25	27	**22 077**	**54 550**	20.6	52.4	8	13	10.3	26.2	7	11
26	28	**22 140**	**54 706**	20.6	52.2	8	13	10.3	26.1	7	11
23	24	**22 849**	**56 460**	19.9	50.6	8	13	10.0	25.3	6	10
24	25	**22 889**	**56 558**	19.9	50.5	8	13	9.9	25.3	6	10
25	26	**22 926**	**56 648**	19.9	50.4	8	13	9.9	25.2	6	10
26	27	**22 960**	**56 732**	19.8	50.4	8	13	9.9	25.2	6	10
27	28	**22 991**	**56 810**	19.8	50.3	8	13	9.9	25.1	6	10
23	23	**23 843**	**58 914**	19.1	48.5	8	13	9.5	24.2	6	10
28	27	**24 726**	**61 096**	18.4	46.8	8	13	9.2	23.4	6	10
27	26	**24 760**	**61 180**	18.4	46.7	8	13	9.2	23.3	6	10
26	25	**24 796**	**61 271**	18.4	46.6	8	13	9.2	23.3	6	10
25	24	**24 836**	**61 369**	18.3	46.6	8	13	9.2	23.3	6	10
24	23	**24 879**	**61 476**	18.3	46.5	8	13	9.1	23.2	6	10
28	26	**25 677**	**63 446**	17.7	45.0	8	13	8.9	22.5	6	10
27	25	**25 750**	**63 627**	17.7	44.9	8	13	8.8	22.5	6	10
26	24	**25 830**	**63 824**	17.6	44.8	8	13	8.8	22.4	6	10
25	23	**25 916**	**64 037**	17.6	44.6	8	13	8.8	22.3	5	8
19	17	**26 648**	**65 845**	17.1	43.4	8	13	8.5	21.7	5	8
28	25	**26 704**	**65 984**	17.0	43.3	8	13	8.5	21.6	5	8
27	24	**26 823**	**66 279**	17.0	43.1	8	13	8.5	21.6	5	8
26	23	**26 953**	**66 599**	16.9	42.9	8	13	8.4	21.4	5	8
28	24	**27 816**	**68 733**	16.4	41.6	8	13	8.2	20.8	5	8
27	23	**27 989**	**69 160**	16.3	41.3	8	13	8.1	20.7	5	8
23	19	**28 862**	**71 317**	15.8	40.1	8	13	7.9	20.0	5	8
28	23	**29 026**	**71 722**	15.7	39.8	8	13	7.8	19.9	5	8
24	19	**30 117**	**74 418**	15.1	38.4	8	13	7.6	19.2	5	8
25	19	**31 372**	**77 519**	14.5	36.9	8	13	7.3	18.4	4	6
23	17	**32 258**	**79 708**	14.1	35.8	8	13	7.1	17.9	4	6
26	19	**32 627**	**80 620**	14.0	35.4	8	13	7.0	17.7	4	6
24	17	**33 660**	**83 173**	13.5	34.4	8	13	6.8	17.2	4	6
27	19	**33 882**	**83 720**	13.4	34.1	8	13	6.7	17.1	4	6
25	17	**35 063**	**86 639**	13.0	33.0	8	13	6.5	16.5	4	6
28	19	**35 137**	**86 821**	13.0	32.9	8	13	6.5	16.5	4	6
26	17	**36 465**	**90 104**	12.5	31.7	8	13	6.2	15.9	4	6
27	17	**37 868**	**93 570**	12.0	30.5	8	13	6.0	15.3	4	6
28	17	**39 270**	**97 035**	11.6	29.4	7	11	5.8	14.7	3	5

68290C

Canola Seeding

These instructions explain how to plant with the 150 and 250 cell canola seed disks. These disks are suitable for canola and mustard (not pelletized).

Although a canola disk reliably singulates these very small seeds, this class of seeds is too small to be reliably detected and counted with currently available seed tube sensors. This situation presently requires a special seed monitor setup: singulated with blockage detection.

Yield-Pro® planters manufactured in November 2013 and later have Air-Pro® Seed Meters and seed tubes that are compatible with the canola disks. Planters manufactured earlier may be updated with a 403-684A update kit. See page 107 for installation instructions.

To determine if your planter is canola-compatible, inspect any row unit seed tube. If the seed tube color is dark translucent red, it is compatible. If the tube color is opaque buckskin (tan), the row units require an update.

■ Prepare Meters

See the planter Operator Manual for step details.

1. Remove rain covers on all rows.
2. Clean out the planter seed system, from hoppers to meter brushes.
3. Remove and save the presently installed seed disks.
4. Install the canola disks.
5. Install the rain covers.

■ Loading Seed

Use ample Ezee Glide Plus seed lubricant with small seeds such as canola and mustard.

- One cup (240 ml) per 30 pound (13.6 kg) bag is a minimum starting value.
- Mix the seed lubricant early during the seed loading and mix well.
- Use more lubricant in extremely dry conditions.

■ Canola Initial Meter Pressurization

150 Cell Disk

2 inches of water
Initial seed inlet shutter: 1.5

Run a test strip and check seeds per row foot.

- If seeds per row foot are low, increase pressure.
- if seeds per row foot are high, decrease pressure.

Pressure may range from 1.5 to 2.5 inches of water.

250 Cell Disk

1.5 inches of water
Initial seed inlet shutter: 1.5

Run a test strip and check seeds per row foot.

- If seeds per row foot are low, increase pressure.
- if seeds per row foot are high, decrease pressure.

Pressure may range from 1 to 2 inches of water.

■ Configure Monitor

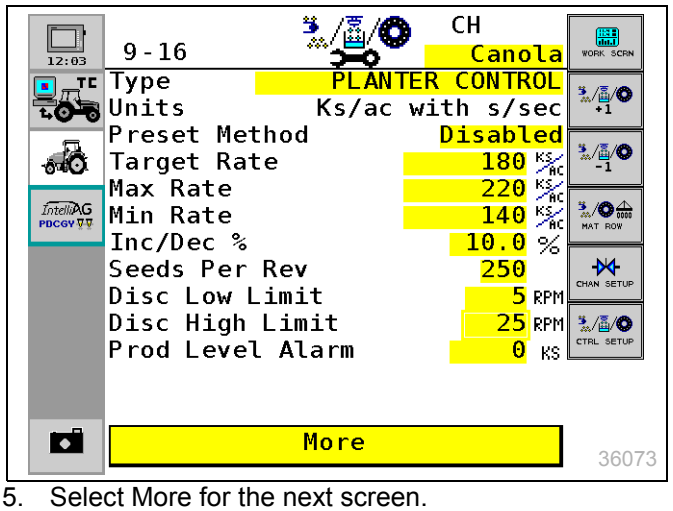
This setup requires User Level 2 access on the AI100 or AI120 seed monitor, which is password-protected.

For detailed instructions, refer to the DICKEY-john® Manual.

Hydraulic Drive

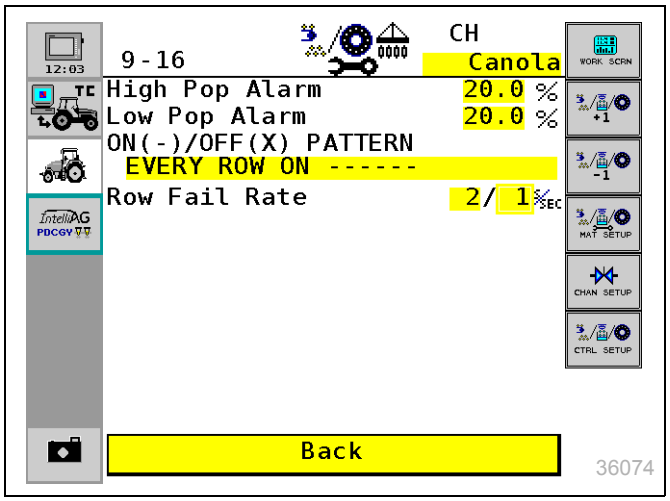
1. Navigate to Control Setup and then the Material Setup screen.
2. Select an available default MATRL to redefine as Canola, or select an existing named material to rename.
3. Select the material name to edit it to canola. The population ranges and rpm limits are given by the charts beginning on page 77.
4. The following table lists the parameters that need to be reviewed or set. <angle bracket> values are your choice/preference when not from the meter rpm charts.

Type	PLANTER CONTROL
Preset Method	<user preference>
Target Rate	<user preference>
Max Rate	<user preference>
Min Rate	<user preference>
Inc/Dec	<user preference>
Seeds Per Rev	150 or 250
Disc Low Limit	<rpm from the chart>
Disc High Limit	<rpm from the chart>
Prod Level Alarm	<user preference>



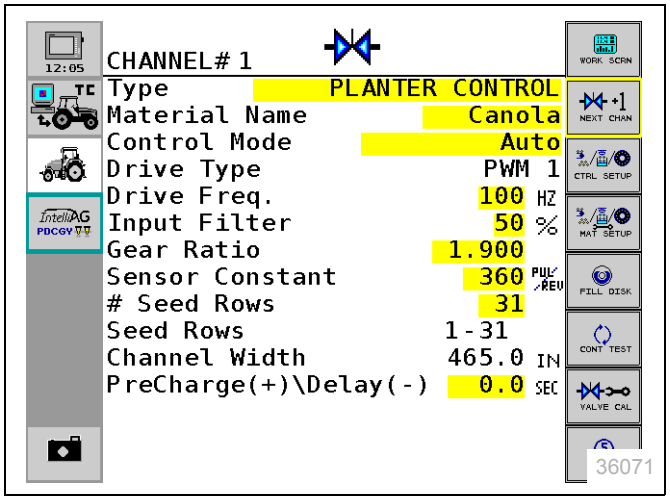
5. Select More for the next screen.

High Pop Alarm	<user preference>, but ignored due to blockage setup later.
Low Pop Alarm	<user preference>, but ignored due to blockage setup later.
PATTERN	EVERY ROW ON
Row Fail Rate	2/ 1 s/sec



6. Select Channel Setup.

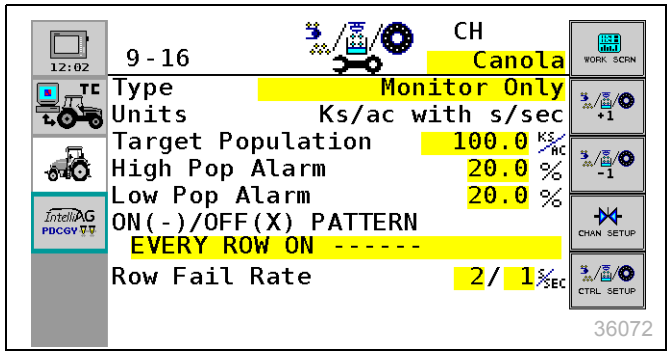
CHANNEL 1	
Type	PLANTER CONTROL
Material Name	Canola
Control Mode	Auto
Drive Type	PWM 1
Drive Freq.	100 Hz
Input Filter	50%
Gear Ratio	1.900
Sensor Constant	360 Pul/Rev
# Seed Rows	<based on planter model/row setup>
Channel Width	<based on planter model/row setup>
Precharge Time	0.0 SEC



Ground Drive

1. Select the material name to edit it to canola. Population ranges are on the charts beginning on page 79.

Type	MONITOR ONLY for ground drive
Target Population	<user preference>
High Pop Alarm	ignored due to blockage setup
Low Pop Alarm	ignored due to blockage setup
PATTERN	EVERY ROW ON
Row Fail Rate	2/ 1 s/sec

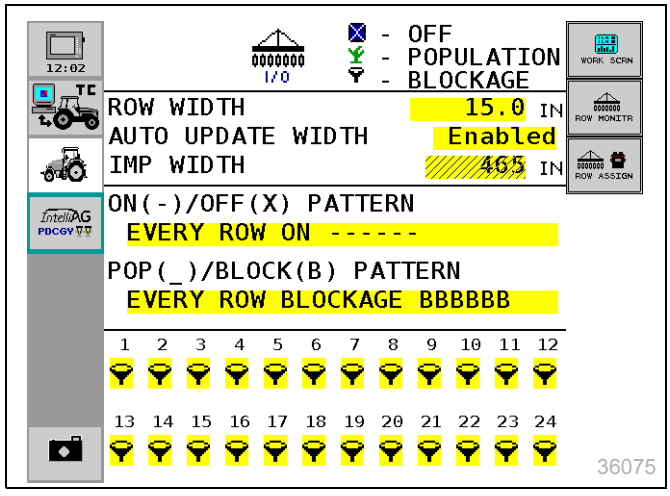


2. Configure the planter drive sprockets according to the rate charts and the rate selected. See "**Ground Drive Planting**" on page 31 for details.

Row Monitor Setup for Hydraulic or Ground Drive

1. Select Work Screen > Next Page > Row Monitor > Row I/O.

ROW WIDTH	<specific to planter model and active row pattern>
AUTO UPDATE	normally Enabled
IMP WIDTH	<calculated if Enabled>
ON/OFF PTN	EVERY ROW ON
POP/BLOCK PRN	EVERY ROW BLOCKAGE



The system is now configured for planting with a canola disk.

■ Canola Meter RPM Limit Charts

Air-Pro® Meter RPM Limits

CANOLA
150 Cell Disk

Seed Inlet Shutter Setting: 1.5

837-148C CANOLA 150 Cell

Meter Pressure: 1.5 - 2.5 INCHES/WATER

			Planting Speed		Maximum Population		Minimum Population	
			mph	kph	per acre	per hectare	per acre	per hectare
Max.	Min	**Twin Row 30in**	4.0	6.4	445 500	1 100 815	74 250	183 469
rpm	rpm	**15in Rows**	4.5	7.2	396 000	978 503	66 000	163 084
30	**5**		5.0	8.0	356 400	880 652	59 400	146 775
			5.5	8.9	324 000	800 593	54 000	133 432
			6.0	9.7	297 000	733 877	49 500	122 313
Max.	Min	**Twin Row 36in**	4.0	6.4	371 250	917 346	61 875	152 891
rpm	rpm		4.5	7.2	330 000	815 419	55 000	135 903
30	**5**		5.0	8.0	297 000	733 877	49 500	122 313
			5.5	8.9	270 000	667 161	45 000	111 193
			6.0	9.7	247 500	611 564	41 250	101 927
Max.	Min	**20in Rows**	4.0	6.4	334 125	825 612	55 688	137 602
rpm	rpm		4.5	7.2	297 000	733 877	49 500	122 313
30	**5**		5.0	8.0	267 300	660 489	44 550	110 082
			5.5	8.9	243 000	600 445	40 500	100 074
			6.0	9.7	222 750	550 408	37 125	91 735
Max.	Min	**30in Rows**	4.0	6.4	222 750	550 408	37 125	91 735
rpm	rpm		4.5	7.2	198 000	489 251	33 000	81 542
30	**5**		5.0	8.0	178 200	440 326	29 700	73 388
			5.5	8.9	162 000	400 297	27 000	66 716
			6.0	9.7	148 500	366 938	24 750	61 156

68283C

Air-Pro® Meter RPM Limits

CANOLA

250 Cell Disk

Seed Inlet Shutter Setting: 1.5

817-991C CANOLA 250 Cell

Meter Pressure: 1.5 inch of water

Max. rpm	Min rpm		Planting Speed mph	Planting Speed kph	Maximum Population per acre	Maximum Population per hectare	Minimum Population per acre	Minimum Population per hectare
		Twin Row 30in	4.0	6.4	618 750	1 528 910	123 750	305 782
		15in Rows	4.5	7.2	550 000	1 359 031	110 000	271 806
25	**5**		5.0	8.0	495 000	1 223 128	99 000	244 626
			5.5	8.9	450 000	1 111 935	90 000	222 387
			6.0	9.7	412 500	1 019 274	82 500	203 855
Max. rpm	Min rpm	**Twin Row 36in**	4.0	6.4	515 625	1 274 092	103 125	254 818
			4.5	7.2	458 333	1 132 526	91 667	226 505
25	**5**		5.0	8.0	412 500	1 019 274	82 500	203 855
			5.5	8.9	375 000	926 612	75 000	185 322
			6.0	9.7	343 750	849 395	68 750	169 879
Max. rpm	Min rpm	**20in Rows**	4.0	6.4	464 063	1 146 683	92 813	229 337
			4.5	7.2	412 500	1 019 274	82 500	203 855
25	**5**		5.0	8.0	371 250	917 346	74 250	183 469
			5.5	8.9	337 500	833 951	67 500	166 790
			6.0	9.7	309 375	764 455	61 875	152 891
Max. rpm	Min rpm	**30in Rows**	4.0	6.4	309 375	764 455	92 813	229 337
			4.5	7.2	275 000	679 516	82 500	203 855
25	**5**		5.0	8.0	247 500	611 564	74 250	183 469
			5.5	8.9	225 000	555 967	67 500	166 790
			6.0	9.7	206 250	509 637	61 875	152 891

68283D

■ Canola Ground Drive Rate Charts

YP1225A-1625A
150 Cell Disk
837-148C CANOLA

CANOLA
Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: **1.5**

				Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
Transmission Combinations		**Seed Population**		**Seed Spacing**		**Maximum Planting Speed**		**Seed Spacing**		**Maximum Planting Speed**	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**83 113**	**205 371**	5.0	12.8	8	13	4.2	10.6	8	13
17	27	**86 191**	**212 978**	4.9	12.3	8	13	4.0	10.3	8	13
17	26	**89 506**	**221 169**	4.7	11.9	8	13	3.9	9.9	8	13
19	28	**92 891**	**229 533**	4.5	11.4	8	13	3.8	9.5	8	13
17	25	**93 086**	**230 016**	4.5	11.4	8	13	3.7	9.5	8	13
19	27	**96 331**	**238 034**	4.3	11.0	8	13	3.6	9.2	8	13
17	24	**96 965**	**239 600**	4.3	11.0	8	13	3.6	9.1	8	13
19	26	**100 036**	**247 189**	4.2	10.6	8	13	3.5	8.8	8	13
17	23	**101 181**	**250 017**	4.1	10.5	8	13	3.4	8.7	8	13
19	25	**104 038**	**257 077**	4.0	10.2	8	13	3.3	8.5	8	13
19	24	**108 372**	**267 788**	3.9	9.8	8	13	3.2	8.2	8	13
23	28	**112 447**	**277 856**	3.7	9.4	8	13	3.1	7.9	8	13
19	23	**113 084**	**279 431**	3.7	9.4	8	13	3.1	7.8	8	13
23	27	**116 611**	**288 146**	3.6	9.1	8	13	3.0	7.6	8	13
24	28	**117 336**	**289 936**	3.6	9.1	8	13	3.0	7.5	8	13
23	26	**121 096**	**299 229**	3.5	8.8	8	13	2.9	7.3	8	13
24	27	**121 681**	**300 675**	3.4	8.7	8	13	2.9	7.3	8	13
25	28	**122 225**	**302 017**	3.4	8.7	8	13	2.9	7.2	8	13
17	19	**122 482**	**302 653**	3.4	8.7	8	13	2.8	7.2	8	13
23	25	**125 940**	**311 198**	3.3	8.4	8	13	2.8	7.0	8	13
24	26	**126 361**	**312 239**	3.3	8.4	8	13	2.8	7.0	8	13
25	27	**126 751**	**313 203**	3.3	8.4	8	13	2.7	7.0	8	13
26	28	**127 114**	**314 098**	3.3	8.4	8	13	2.7	7.0	8	13
23	24	**131 188**	**324 165**	3.2	8.1	8	13	2.7	6.7	8	13
24	25	**131 416**	**324 729**	3.2	8.1	8	13	2.7	6.7	8	13
25	26	**131 626**	**325 249**	3.2	8.1	8	13	2.6	6.7	8	13
26	27	**131 821**	**325 731**	3.2	8.1	8	13	2.6	6.7	8	13
27	28	**132 003**	**326 178**	3.2	8.0	8	13	2.6	6.7	8	13
23	23	**136 892**	**338 259**	3.1	7.8	8	13	2.5	6.5	8	13
28	27	**141 962**	**350 787**	2.9	7.5	8	13	2.5	6.2	8	13
27	26	**142 157**	**351 269**	2.9	7.5	8	13	2.5	6.2	8	13
26	25	**142 367**	**351 789**	2.9	7.5	8	13	2.4	6.2	8	13
25	24	**142 595**	**352 353**	2.9	7.4	8	13	2.4	6.2	8	13
24	23	**142 843**	**352 966**	2.9	7.4	8	13	2.4	6.2	8	13
28	26	**147 422**	**364 279**	2.8	7.2	8	13	2.4	6.0	8	13
27	25	**147 843**	**365 320**	2.8	7.2	8	13	2.4	6.0	8	13
26	24	**148 299**	**366 447**	2.8	7.2	8	13	2.3	6.0	8	13
25	23	**148 795**	**367 673**	2.8	7.1	8	13	2.3	5.9	8	13
19	17	**152 996**	**378 054**	2.7	6.9	8	13	2.3	5.8	8	13
28	25	**153 318**	**378 850**	2.7	6.9	8	13	2.3	5.8	8	13
27	24	**154 003**	**380 541**	2.7	6.9	8	13	2.3	5.7	8	13
26	23	**154 747**	**382 380**	2.7	6.9	8	13	2.3	5.7	8	13
28	24	**159 707**	**394 635**	2.6	6.7	8	13	2.2	5.5	8	13
27	23	**160 699**	**397 087**	2.6	6.6	8	13	2.2	5.5	8	13
23	19	**165 711**	**409 471**	2.5	6.4	8	13	2.1	5.3	8	13
28	23	**166 651**	**411 793**	2.5	6.4	8	13	2.1	5.3	8	13
24	19	**172 916**	**427 274**	2.4	6.1	8	13	2.0	5.1	8	13
25	19	**180 120**	**445 078**	2.3	5.9	8	13	1.9	4.9	8	13
23	17	**185 206**	**457 644**	2.3	5.7	8	13	1.9	4.8	8	13
26	19	**187 325**	**462 881**	2.2	5.7	8	13	1.9	4.7	7	11
24	17	**193 259**	**477 542**	2.2	5.5	8	13	1.8	4.6	7	11
27	19	**194 530**	**480 684**	2.1	5.5	8	13	1.8	4.6	7	11
25	17	**201 311**	**497 440**	2.1	5.3	8	13	1.7	4.4	7	11
28	19	**201 735**	**498 487**	2.1	5.3	8	13	1.7	4.4	7	11
26	17	**209 363**	**517 337**	2.0	5.1	8	13	1.7	4.2	7	11
27	17	**217 416**	**537 235**	1.9	4.9	8	13	1.6	4.1	6	10
28	17	**225 468**	**557 132**	1.9	4.7	7	11	1.5	3.9	6	10

68286A

YP1225A-1625A
150 Cell Disk
837-148C CANOLA

CANOLA

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 1.5

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2 Rows) Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**83 113**	**205 371**	3.8	9.6	8	13	2.5	6.4	8	13
17	27	**86 191**	**212 978**	3.6	9.2	8	13	2.4	6.2	8	13
17	26	**89 506**	**221 169**	3.5	8.9	8	13	2.3	5.9	8	13
19	28	**92 891**	**229 533**	3.4	8.6	8	13	2.3	5.7	8	13
17	25	**93 086**	**230 016**	3.4	8.6	8	13	2.2	5.7	8	13
19	27	**96 331**	**238 034**	3.3	8.3	8	13	2.2	5.5	8	13
17	24	**96 965**	**239 600**	3.2	8.2	8	13	2.2	5.5	8	13
19	26	**100 036**	**247 189**	3.1	8.0	8	13	2.1	5.3	8	13
17	23	**101 181**	**250 017**	3.1	7.9	8	13	2.1	5.2	8	13
19	25	**104 038**	**257 077**	3.0	7.7	8	13	2.0	5.1	8	13
19	24	**108 372**	**267 788**	2.9	7.4	8	13	1.9	4.9	8	13
23	28	**112 447**	**277 856**	2.8	7.1	8	13	1.9	4.7	7	11
19	23	**113 084**	**279 431**	2.8	7.0	8	13	1.8	4.7	7	11
23	27	**116 611**	**288 146**	2.7	6.8	8	13	1.8	4.6	7	11
24	28	**117 336**	**289 936**	2.7	6.8	8	13	1.8	4.5	7	11
23	26	**121 096**	**299 229**	2.6	6.6	8	13	1.7	4.4	7	11
24	27	**121 681**	**300 675**	2.6	6.5	8	13	1.7	4.4	7	11
25	28	**122 225**	**302 017**	2.6	6.5	8	13	1.7	4.3	7	11
17	19	**122 482**	**302 653**	2.6	6.5	8	13	1.7	4.3	7	11
23	25	**125 940**	**311 198**	2.5	6.3	8	13	1.7	4.2	7	11
24	26	**126 361**	**312 239**	2.5	6.3	8	13	1.7	4.2	7	11
25	27	**126 751**	**313 203**	2.5	6.3	8	13	1.6	4.2	7	11
26	28	**127 114**	**314 098**	2.5	6.3	8	13	1.6	4.2	7	11
23	24	**131 188**	**324 165**	2.4	6.1	8	13	1.6	4.0	6	10
24	25	**131 416**	**324 729**	2.4	6.1	8	13	1.6	4.0	6	10
25	26	**131 626**	**325 249**	2.4	6.1	8	13	1.6	4.0	6	10
26	27	**131 821**	**325 731**	2.4	6.0	8	13	1.6	4.0	6	10
27	28	**132 003**	**326 178**	2.4	6.0	8	13	1.6	4.0	6	10
23	23	**136 892**	**338 259**	2.3	5.8	8	13	1.5	3.9	6	10
28	27	**141 962**	**350 787**	2.2	5.6	8	13	1.5	3.7	6	10
27	26	**142 157**	**351 269**	2.2	5.6	8	13	1.5	3.7	6	10
26	25	**142 367**	**351 789**	2.2	5.6	8	13	1.5	3.7	6	10
25	24	**142 595**	**352 353**	2.2	5.6	8	13	1.5	3.7	6	10
24	23	**142 843**	**352 966**	2.2	5.6	8	13	1.5	3.7	6	10
28	26	**147 422**	**364 279**	2.1	5.4	8	13	1.4	3.6	6	10
27	25	**147 843**	**365 320**	2.1	5.4	8	13	1.4	3.6	6	10
26	24	**148 299**	**366 447**	2.1	5.4	8	13	1.4	3.6	6	10
25	23	**148 795**	**367 673**	2.1	5.4	8	13	1.4	3.6	5	8
19	17	**152 996**	**378 054**	2.0	5.2	8	13	1.4	3.5	5	8
28	25	**153 318**	**378 850**	2.0	5.2	8	13	1.4	3.5	5	8
27	24	**154 003**	**380 541**	2.0	5.2	8	13	1.4	3.4	5	8
26	23	**154 747**	**382 380**	2.0	5.1	8	13	1.4	3.4	5	8
28	24	**159 707**	**394 635**	2.0	5.0	8	13	1.3	3.3	5	8
27	23	**160 699**	**397 087**	2.0	5.0	8	13	1.3	3.3	5	8
23	19	**165 711**	**409 471**	1.9	4.8	8	13	1.3	3.2	5	8
28	23	**166 651**	**411 793**	1.9	4.8	8	13	1.3	3.2	5	8
24	19	**172 916**	**427 274**	1.8	4.6	7	11	1.2	3.1	5	8
25	19	**180 120**	**445 078**	1.7	4.4	7	11	1.2	2.9	4	6
23	17	**185 206**	**457 644**	1.7	4.3	7	11	1.1	2.9	4	6
26	19	**187 325**	**462 881**	1.7	4.3	7	11	1.1	2.8	4	6
24	17	**193 259**	**477 542**	1.6	4.1	6	10	1.1	2.7	4	6
27	19	**194 530**	**480 684**	1.6	4.1	6	10	1.1	2.7	4	6
25	17	**201 311**	**497 440**	1.6	4.0	6	10	1.0	2.6	4	6
28	19	**201 735**	**498 487**	1.6	3.9	6	10	1.0	2.6	4	6
26	17	**209 363**	**517 337**	1.5	3.8	6	10	1.0	2.5	4	6
27	17	**217 416**	**537 235**	1.4	3.7	6	10	1.0	2.4	4	6
28	17	**225 468**	**557 132**	1.4	3.5	5	8	0.9	2.4	3	5

68286B

YP1225A - 1625A
150 Cell Disk
837-148C CANOLA

CANOLA

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: **1.5**

				Twin Row 70cm 35cm Rows				70cm Rows			
				Range Sprockets: Driving = 15 Driven = 60				Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**90 474**	**223 559**	5.0	12.8	8	13	2.5	6.4	8	13
17	27	**93 825**	**231 839**	4.9	12.3	8	13	6.2	6.2	8	13
17	26	**97 434**	**240 756**	4.7	11.9	8	13	5.9	5.9	8	13
19	28	**101 118**	**249 860**	4.5	11.4	8	13	5.7	5.7	8	13
17	25	**101 331**	**250 386**	4.5	11.4	8	13	5.7	5.7	8	13
19	27	**104 863**	**259 114**	4.3	11.0	8	13	5.5	5.5	8	13
17	24	**105 553**	**260 819**	4.3	11.0	8	13	5.5	5.5	8	13
19	26	**108 897**	**269 080**	4.2	10.6	8	13	5.3	5.3	8	13
17	23	**110 143**	**272 159**	4.1	10.5	8	13	5.2	5.2	8	13
19	25	**113 253**	**279 843**	4.0	10.2	8	13	5.1	5.1	8	13
19	24	**117 971**	**291 503**	3.9	9.8	8	13	4.9	4.9	8	13
23	28	**122 406**	**302 462**	3.7	9.4	8	13	4.7	4.7	7	11
19	23	**123 101**	**304 177**	3.7	9.4	8	13	4.7	4.7	7	11
23	27	**126 940**	**313 664**	3.6	9.1	8	13	4.6	4.6	7	11
24	28	**127 728**	**315 613**	3.6	9.1	8	13	4.5	4.5	7	11
23	26	**131 822**	**325 728**	3.5	8.8	8	13	4.4	4.4	7	11
24	27	**132 459**	**327 302**	3.4	8.7	8	13	4.4	4.4	7	11
25	28	**133 050**	**328 763**	3.4	8.7	8	13	4.3	4.3	7	11
17	19	**133 331**	**329 455**	3.4	8.7	8	13	4.3	4.3	7	11
23	25	**137 095**	**338 758**	3.3	8.4	8	13	4.2	4.2	7	11
24	26	**137 554**	**339 890**	3.3	8.4	8	13	4.2	4.2	7	11
25	27	**137 978**	**340 940**	3.3	8.4	8	13	4.2	4.2	7	11
26	28	**138 372**	**341 914**	3.3	8.4	8	13	4.2	4.2	7	11
23	24	**142 807**	**352 872**	3.2	8.1	8	13	4.0	4.0	6	10
24	25	**143 056**	**353 486**	3.2	8.1	8	13	4.0	4.0	6	10
25	26	**143 285**	**354 053**	3.2	8.1	8	13	4.0	4.0	6	10
26	27	**143 497**	**354 577**	3.2	8.1	8	13	4.0	4.0	6	10
27	28	**143 694**	**355 064**	3.2	8.0	8	13	4.0	4.0	6	10
23	23	**149 016**	**368 215**	3.1	7.8	8	13	3.9	3.9	6	10
28	27	**154 536**	**381 852**	2.9	7.5	8	13	3.7	3.7	6	10
27	26	**154 748**	**382 377**	2.9	7.5	8	13	3.7	3.7	6	10
26	25	**154 977**	**382 943**	2.9	7.5	8	13	3.7	3.7	6	10
25	24	**155 226**	**383 557**	2.9	7.4	8	13	3.7	3.7	6	10
24	23	**155 495**	**384 224**	2.9	7.4	8	13	3.7	3.7	6	10
28	26	**160 479**	**396 539**	2.8	7.2	8	13	3.6	3.6	6	10
27	25	**160 938**	**397 672**	2.8	7.2	8	13	3.6	3.6	6	10
26	24	**161 435**	**398 899**	2.8	7.2	8	13	3.6	3.6	6	10
25	23	**161 974**	**400 233**	2.8	7.1	8	13	3.6	3.6	5	8
19	17	**166 548**	**411 534**	2.7	6.9	8	13	3.5	3.5	5	8
28	25	**166 898**	**412 400**	2.7	6.9	8	13	3.5	3.5	5	8
27	24	**167 644**	**414 242**	2.7	6.9	8	13	3.4	3.4	5	8
26	23	**168 453**	**416 243**	2.7	6.9	8	13	3.4	3.4	5	8
28	24	**173 853**	**429 584**	2.6	6.7	8	13	3.3	3.3	5	8
27	23	**174 932**	**432 252**	2.6	6.6	8	13	3.3	3.3	5	8
23	19	**180 388**	**445 734**	2.5	6.4	8	13	3.2	3.2	5	8
28	23	**181 411**	**448 261**	2.5	6.4	8	13	3.2	3.2	5	8
24	19	**188 231**	**465 113**	2.4	6.1	8	13	3.1	3.1	5	8
25	19	**196 074**	**484 493**	2.3	5.9	8	13	2.9	2.9	4	6
23	17	**201 611**	**498 173**	2.3	5.7	8	13	2.9	2.9	4	6
26	19	**203 917**	**503 873**	2.2	5.7	8	13	2.8	2.8	4	6
24	17	**210 376**	**519 832**	2.2	5.5	8	13	2.7	2.7	4	6
27	19	**211 760**	**523 252**	2.1	5.5	8	13	2.7	2.7	4	6
25	17	**219 142**	**541 492**	2.1	5.3	8	13	2.6	2.6	4	6
28	19	**219 603**	**542 632**	2.1	5.3	8	13	2.6	2.6	4	6
26	17	**227 908**	**563 152**	2.0	5.1	8	13	2.5	2.5	4	6
27	17	**236 673**	**584 812**	1.9	4.9	8	13	2.4	2.4	4	6
28	17	**245 439**	**606 471**	1.9	4.7	7	11	2.4	2.4	3	5

68286C

YP1225A-1625A
250 Cell Disk
817-991C CANOLA

CANOLA

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: **1.5**

				Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 60				Twin Row 36in (Twin Row 91.4cm) Range Sprockets: Driving = 18 Driven = 60			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**138 521**	**342 286**	3.0	7.7	8	13	2.5	6.4	8	13
17	27	**143 652**	**354 963**	2.9	7.4	8	13	2.4	6.2	8	13
17	26	**149 177**	**368 615**	2.8	7.1	8	13	2.3	5.9	8	13
19	28	**154 818**	**382 555**	2.7	6.9	8	13	2.3	5.7	8	13
17	25	**155 144**	**383 360**	2.7	6.8	8	13	2.2	5.7	8	13
19	27	**160 552**	**396 723**	2.6	6.6	8	13	2.2	5.5	8	13
17	24	**161 608**	**399 333**	2.6	6.6	8	13	2.2	5.5	8	13
19	26	**166 727**	**411 982**	2.5	6.4	8	13	2.1	5.3	8	13
17	23	**168 634**	**416 696**	2.5	6.3	8	13	2.1	5.2	8	13
19	25	**173 396**	**428 461**	2.4	6.1	8	13	2.0	5.1	8	13
19	24	**180 621**	**446 314**	2.3	5.9	8	13	1.9	4.9	8	13
23	28	**187 411**	**463 093**	2.2	5.7	8	13	1.9	4.7	8	13
19	23	**188 474**	**465 719**	2.2	5.6	8	13	1.8	4.7	8	13
23	27	**194 352**	**480 244**	2.2	5.5	8	13	1.8	4.6	8	13
24	28	**195 559**	**483 227**	2.1	5.4	8	13	1.8	4.5	8	13
23	26	**201 827**	**498 715**	2.1	5.3	8	13	1.7	4.4	8	13
24	27	**202 802**	**501 124**	2.1	5.2	8	13	1.7	4.4	8	13
25	28	**203 708**	**503 361**	2.1	5.2	8	13	1.7	4.3	8	13
17	19	**204 136**	**504 421**	2.0	5.2	8	13	1.7	4.3	8	13
23	25	**209 900**	**518 664**	2.0	5.1	8	13	1.7	4.2	8	13
24	26	**210 602**	**520 398**	2.0	5.0	8	13	1.7	4.2	8	13
25	27	**211 252**	**522 004**	2.0	5.0	8	13	1.6	4.2	8	13
26	28	**211 856**	**523 496**	2.0	5.0	8	13	1.6	4.2	8	13
23	24	**218 646**	**540 275**	1.9	4.9	8	13	1.6	4.0	8	13
24	25	**219 026**	**541 214**	1.9	4.8	8	13	1.6	4.0	8	13
25	26	**219 377**	**542 082**	1.9	4.8	8	13	1.6	4.0	8	13
26	27	**219 702**	**542 885**	1.9	4.8	8	13	1.6	4.0	8	13
27	28	**220 004**	**543 630**	1.9	4.8	8	13	1.6	4.0	8	13
23	23	**228 153**	**563 765**	1.8	4.7	8	13	1.5	3.9	8	13
28	27	**236 603**	**584 645**	1.8	4.5	8	13	1.5	3.7	8	13
27	26	**236 928**	**585 448**	1.8	4.5	8	13	1.5	3.7	8	13
26	25	**237 279**	**586 315**	1.8	4.5	8	13	1.5	3.7	8	13
25	24	**237 659**	**587 255**	1.8	4.5	8	13	1.5	3.7	8	13
24	23	**238 072**	**588 276**	1.8	4.5	8	13	1.5	3.7	8	13
28	26	**245 703**	**607 131**	1.7	4.3	8	13	1.4	3.6	8	13
27	25	**246 405**	**608 866**	1.7	4.3	8	13	1.4	3.6	8	13
26	24	**247 165**	**610 745**	1.7	4.3	8	13	1.4	3.6	8	13
25	23	**247 992**	**612 788**	1.7	4.3	8	13	1.4	3.6	8	13
19	17	**254 994**	**630 090**	1.6	4.2	8	13	1.4	3.5	8	13
28	25	**255 531**	**631 417**	1.6	4.2	8	13	1.4	3.5	8	13
27	24	**256 672**	**634 235**	1.6	4.1	8	13	1.4	3.4	8	13
26	23	**257 912**	**637 299**	1.6	4.1	8	13	1.4	3.4	7	11
28	24	**266 178**	**657 726**	1.6	4.0	8	13	1.3	3.3	7	11
27	23	**267 831**	**661 811**	1.6	4.0	8	13	1.3	3.3	7	11
23	19	**276 185**	**682 452**	1.5	3.8	8	13	1.3	3.2	7	11
28	23	**277 751**	**686 322**	1.5	3.8	8	13	1.3	3.2	7	11
24	19	**288 193**	**712 124**	1.5	3.7	8	13	1.2	3.1	7	11
25	19	**300 201**	**741 796**	1.4	3.5	8	13	1.2	2.9	6	10
23	17	**308 677**	**762 741**	1.4	3.4	8	13	1.1	2.9	6	10
26	19	**312 209**	**771 468**	1.3	3.4	7	11	1.1	2.8	6	10
24	17	**322 098**	**795 903**	1.3	3.3	7	11	1.1	2.7	6	10
27	19	**324 217**	**801 140**	1.3	3.3	7	11	1.1	2.7	6	10
25	17	**335 518**	**829 066**	1.2	3.2	7	11	1.0	2.6	6	10
28	19	**336 225**	**830 811**	1.2	3.2	7	11	1.0	2.6	6	10
26	17	**348 939**	**862 229**	1.2	3.0	7	11	1.0	2.5	5	8
27	17	**362 360**	**895 391**	1.2	2.9	6	10	1.0	2.4	5	8
28	17	**375 781**	**928 554**	1.1	2.8	6	10	0.9	2.4	5	8

68286D

YP1225A-1625A
250 Cell Disk
817-991C CANOLA

CANOLA

Air-Pro Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 1.5

				20in Rows (50.8cm Rows) Range Sprockets: Driving = 20 Driven = 60				30in Rows (76.2 Rows) Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**138 521**	**342 286**	2.3	5.8	8	13	1.5	3.8	8	13
17	27	**143 652**	**354 963**	2.2	5.5	8	13	1.5	3.7	8	13
17	26	**149 177**	**368 615**	2.1	5.3	8	13	1.4	3.6	8	13
19	28	**154 818**	**382 555**	2.0	5.1	8	13	1.4	3.4	7	11
17	25	**155 144**	**383 360**	2.0	5.1	8	13	1.3	3.4	7	11
19	27	**160 552**	**396 723**	2.0	5.0	8	13	1.3	3.3	7	11
17	24	**161 608**	**399 333**	1.9	4.9	8	13	1.3	3.3	7	11
19	26	**166 727**	**411 982**	1.9	4.8	8	13	1.3	3.2	7	11
17	23	**168 634**	**416 696**	1.9	4.7	8	13	1.2	3.1	7	11
19	25	**173 396**	**428 461**	1.8	4.6	8	13	1.2	3.1	7	11
19	24	**180 621**	**446 314**	1.7	4.4	8	13	1.2	2.9	6	10
23	28	**187 411**	**463 093**	1.7	4.3	8	13	1.1	2.8	6	10
19	23	**188 474**	**465 719**	1.7	4.2	8	13	1.1	2.8	6	10
23	27	**194 352**	**480 244**	1.6	4.1	8	13	1.1	2.7	6	10
24	28	**195 559**	**483 227**	1.6	4.1	8	13	1.1	2.7	6	10
23	26	**201 827**	**498 715**	1.6	3.9	8	13	1.0	2.6	6	10
24	27	**202 802**	**501 124**	1.5	3.9	8	13	1.0	2.6	6	10
25	28	**203 708**	**503 361**	1.5	3.9	8	13	1.0	2.6	6	10
17	19	**204 136**	**504 421**	1.5	3.9	8	13	1.0	2.6	6	10
23	25	**209 900**	**518 664**	1.5	3.8	8	13	1.0	2.5	5	8
24	26	**210 602**	**520 398**	1.5	3.8	8	13	1.0	2.5	5	8
25	27	**211 252**	**522 004**	1.5	3.8	8	13	1.0	2.5	5	8
26	28	**211 856**	**523 496**	1.5	3.8	8	13	1.0	2.5	5	8
23	24	**218 646**	**540 275**	1.4	3.6	8	13	1.0	2.4	5	8
24	25	**219 026**	**541 214**	1.4	3.6	8	13	1.0	2.4	5	8
25	26	**219 377**	**542 082**	1.4	3.6	8	13	1.0	2.4	5	8
26	27	**219 702**	**542 885**	1.4	3.6	8	13	1.0	2.4	5	8
27	28	**220 004**	**543 630**	1.4	3.6	8	13	1.0	2.4	5	8
23	23	**228 153**	**563 765**	1.4	3.5	8	13	0.9	2.3	5	8
28	27	**236 603**	**584 645**	1.3	3.4	7	11	0.9	2.2	5	8
27	26	**236 928**	**585 448**	1.3	3.4	7	11	0.9	2.2	5	8
26	25	**237 279**	**586 315**	1.3	3.4	7	11	0.9	2.2	5	8
25	24	**237 659**	**587 255**	1.3	3.4	7	11	0.9	2.2	5	8
24	23	**238 072**	**588 276**	1.3	3.3	7	11	0.9	2.2	5	8
28	26	**245 703**	**607 131**	1.3	3.2	7	11	0.9	2.2	5	8
27	25	**246 405**	**608 866**	1.3	3.2	7	11	0.8	2.2	5	8
26	24	**247 165**	**610 745**	1.3	3.2	7	11	0.8	2.1	5	8
25	23	**247 992**	**612 788**	1.3	3.2	7	11	0.8	2.1	4	6
19	17	**254 994**	**630 090**	1.2	3.1	7	11	0.8	2.1	4	6
28	25	**255 531**	**631 417**	1.2	3.1	7	11	0.8	2.1	4	6
27	24	**256 672**	**634 235**	1.2	3.1	7	11	0.8	2.1	4	6
26	23	**257 912**	**637 299**	1.2	3.1	7	11	0.8	2.1	4	6
28	24	**266 178**	**657 726**	1.2	3.0	6	10	0.8	2.0	4	6
27	23	**267 831**	**661 811**	1.2	3.0	6	10	0.8	2.0	4	6
23	19	**276 185**	**682 452**	1.1	2.9	6	10	0.8	1.9	4	6
28	23	**277 751**	**686 322**	1.1	2.9	6	10	0.8	1.9	4	6
24	19	**288 193**	**712 124**	1.1	2.8	6	10	0.7	1.8	4	6
25	19	**300 201**	**741 796**	1.0	2.7	6	10	0.7	1.8	4	6
23	17	**308 677**	**762 741**	1.0	2.6	6	10	0.7	1.7	4	6
26	19	**312 209**	**771 468**	1.0	2.6	5	8	0.7	1.7	3	5
24	17	**322 098**	**795 903**	1.0	2.5	5	8	0.6	1.6	3	5
27	19	**324 217**	**801 140**	1.0	2.5	5	8	0.6	1.6	3	5
25	17	**335 518**	**829 066**	0.9	2.4	5	8	0.6	1.6	3	5
28	19	**336 225**	**830 811**	0.9	2.4	5	8	0.6	1.6	3	5
26	17	**348 939**	**862 229**	0.9	2.3	5	8	0.6	1.5	3	5
27	17	**362 360**	**895 391**	0.9	2.2	5	8	0.6	1.5	3	5
28	17	**375 781**	**928 554**	0.8	2.1	4	6	0.6	1.4	3	5

68286E

YP1225A - 1625A
250 Cell Disk
817-991C CANOLA

CANOLA

Air-Pro Meter
Ezee Glide Plus Required

Seed In Shutter Setting: **1.5**

				Twin Row 70cm 35cm Rows Range Sprockets: Driving = 15 Driven = 60				70cm Rows Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Population		Seed Spacing		Maximum Planting Speed		Seed Spacing		Maximum Planting Speed	
Driving	Driven	seeds/acre	seeds/ha	inch	cm	mph	kph	inch	cm	mph	kph
17	28	**150 790**	**372 598**	3.0	7.7	8	13	1.5	3.8	8	13
17	27	**156 375**	**386 398**	2.9	7.4	8	13	1.5	3.7	8	13
17	26	**162 390**	**401 260**	2.8	7.1	8	13	1.4	3.6	8	13
19	28	**168 531**	**416 433**	2.7	6.9	8	13	1.4	3.4	8	13
17	25	**168 885**	**417 310**	2.7	6.8	8	13	1.3	3.4	8	13
19	27	**174 772**	**431 857**	2.6	6.6	8	13	1.3	3.3	8	13
17	24	**175 922**	**434 698**	2.6	6.6	8	13	1.3	3.3	8	13
19	26	**181 494**	**448 467**	2.5	6.4	8	13	1.3	3.2	8	13
17	23	**183 571**	**453 598**	2.5	6.3	8	13	1.2	3.1	8	13
19	25	**188 754**	**466 405**	2.4	6.1	8	13	1.2	3.1	8	13
19	24	**196 619**	**485 839**	2.3	5.9	8	13	1.2	2.9	8	13
23	28	**204 011**	**504 103**	2.2	5.7	8	13	1.1	2.8	8	13
19	23	**205 168**	**506 962**	2.2	5.6	8	13	1.1	2.8	8	13
23	27	**211 567**	**522 774**	2.2	5.5	8	13	1.1	2.7	8	13
24	28	**212 881**	**526 021**	2.1	5.4	8	13	1.1	2.7	8	13
23	26	**219 704**	**542 881**	2.1	5.3	8	13	1.0	2.6	8	13
24	27	**220 765**	**545 503**	2.1	5.2	8	13	1.0	2.6	8	13
25	28	**221 751**	**547 939**	2.1	5.2	8	13	1.0	2.6	8	13
17	19	**222 218**	**549 092**	2.0	5.2	8	13	1.0	2.6	8	13
23	25	**228 492**	**564 596**	2.0	5.1	8	13	1.0	2.5	8	13
24	26	**229 256**	**566 484**	2.0	5.0	8	13	1.0	2.5	8	13
25	27	**229 964**	**568 233**	2.0	5.0	8	13	1.0	2.5	8	13
26	28	**230 621**	**569 856**	2.0	5.0	8	13	1.0	2.5	8	13
23	24	**238 012**	**588 121**	1.9	4.9	8	13	1.0	2.4	8	13
24	25	**238 426**	**589 143**	1.9	4.8	8	13	1.0	2.4	8	13
25	26	**238 808**	**590 088**	1.9	4.8	8	13	1.0	2.4	8	13
26	27	**239 162**	**590 962**	1.9	4.8	8	13	1.0	2.4	8	13
27	28	**239 491**	**591 774**	1.9	4.8	8	13	1.0	2.4	8	13
23	23	**248 361**	**613 691**	1.8	4.7	8	13	0.9	2.3	8	13
28	27	**257 559**	**636 420**	1.8	4.5	8	13	0.9	2.2	7	11
27	26	**257 913**	**637 295**	1.8	4.5	8	13	0.9	2.2	7	11
26	25	**258 295**	**638 239**	1.8	4.5	8	13	0.9	2.2	7	11
25	24	**258 709**	**639 262**	1.8	4.5	8	13	0.9	2.2	7	11
24	23	**259 159**	**640 373**	1.8	4.5	8	13	0.9	2.2	7	11
28	26	**267 465**	**660 898**	1.7	4.3	8	13	0.9	2.2	7	11
27	25	**268 230**	**662 786**	1.7	4.3	8	13	0.8	2.2	7	11
26	24	**269 058**	**664 832**	1.7	4.3	8	13	0.8	2.1	7	11
25	23	**269 957**	**667 056**	1.7	4.3	8	13	0.8	2.1	7	11
19	17	**277 580**	**685 890**	1.6	4.2	8	13	0.8	2.1	7	11
28	25	**278 164**	**687 334**	1.6	4.2	8	13	0.8	2.1	7	11
27	24	**279 406**	**690 403**	1.6	4.1	8	13	0.8	2.1	7	11
26	23	**280 756**	**693 738**	1.6	4.1	8	13	0.8	2.1	7	11
28	24	**289 754**	**715 973**	1.6	4.0	8	13	0.8	2.0	6	10
27	23	**291 554**	**720 420**	1.6	4.0	8	13	0.8	2.0	6	10
23	19	**300 647**	**742 889**	1.5	3.8	8	13	0.8	1.9	6	10
28	23	**302 352**	**747 102**	1.5	3.8	8	13	0.8	1.9	6	10
24	19	**313 719**	**775 189**	1.5	3.7	8	13	0.7	1.8	6	10
25	19	**326 791**	**807 488**	1.4	3.5	8	13	0.7	1.8	6	10
23	17	**336 018**	**830 288**	1.4	3.4	8	13	0.7	1.7	5	8
26	19	**339 862**	**839 788**	1.3	3.4	8	13	0.7	1.7	5	8
24	17	**350 627**	**866 387**	1.3	3.3	8	13	0.6	1.6	5	8
27	19	**352 934**	**872 087**	1.3	3.3	8	13	0.6	1.6	5	8
25	17	**365 236**	**902 487**	1.2	3.2	8	13	0.6	1.6	5	8
28	19	**366 005**	**904 387**	1.2	3.2	8	13	0.6	1.6	5	8
26	17	**379 846**	**938 586**	1.2	3.0	8	13	0.6	1.5	5	8
27	17	**394 455**	**974 686**	1.2	2.9	8	13	0.6	1.5	5	8
28	17	**409 065**	**1 010 785**	1.1	2.8	8	13	0.6	1.4	4	6

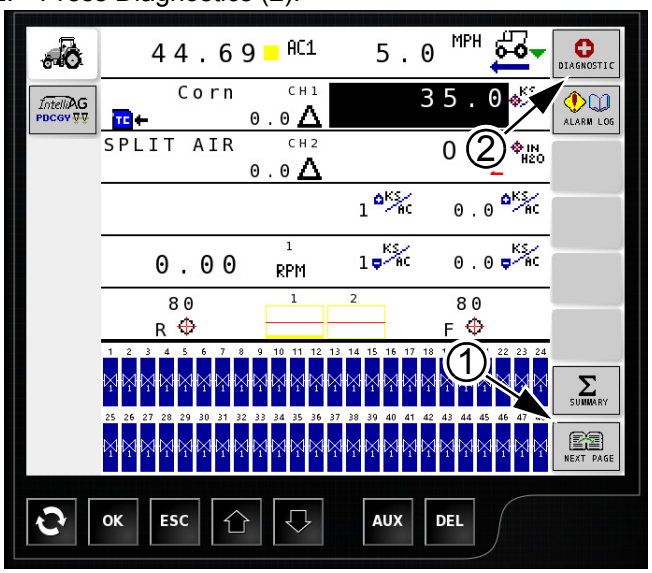
68286F

Hill Drop Cotton

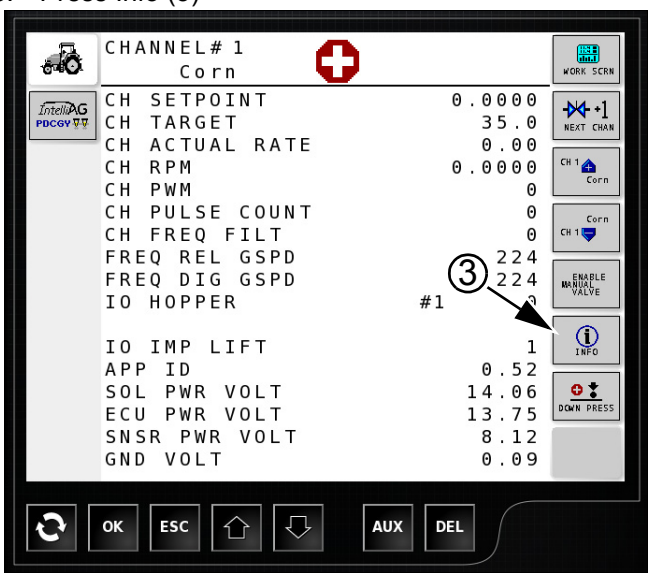
■ Monitor Configuration

The following instructions presume that the planter has previously been set up and ran.

1. With the tractor running and the monitor powered up, press Next Page (1).
2. Press Diagnostics (2).



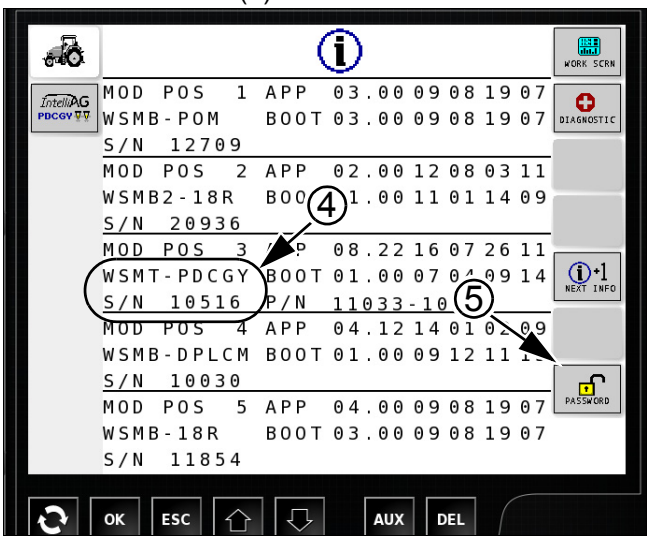
3. Press Info (3)



4. Locate and record the five digit WSMT - PDCGY serial number (4).

NOTE:
In this example the serial number is 10516.

5. Press Password (5).



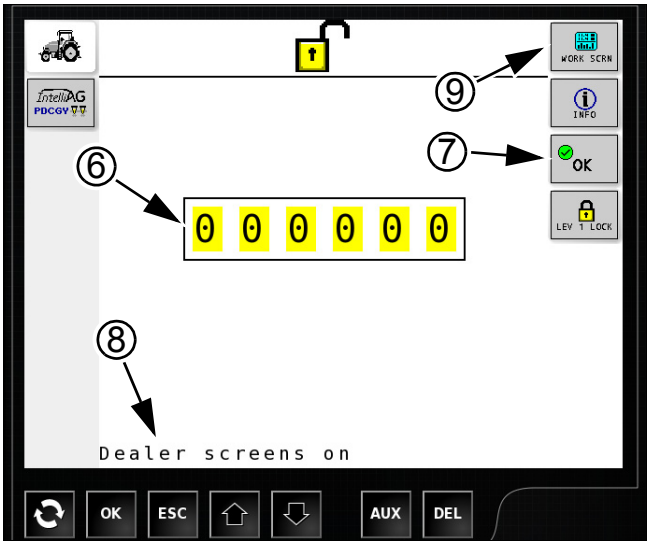
6. In the middle of the screen (6), enter the six digit Level 2 password (2 followed by the WSMT serial number).

Example:
WSMT - PDCGY serial number is 10516.
Level 2 password is 210516.

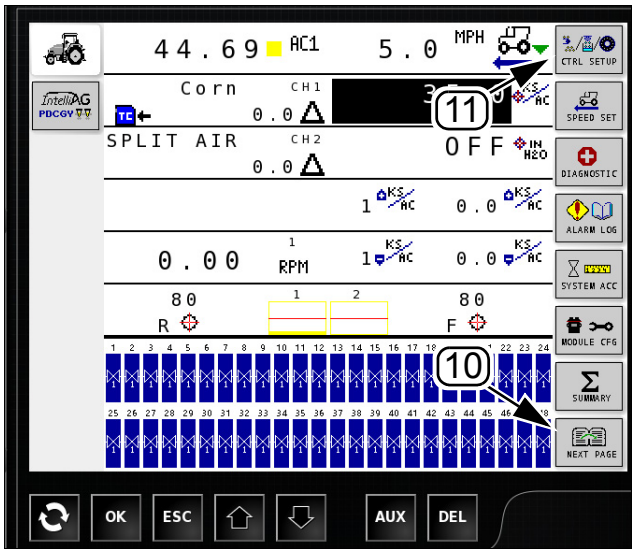
7. Press OK (7) to automatically reset and change to Level 2.

   "Dealer screens on" (8) will appear at the bottom of the screen.

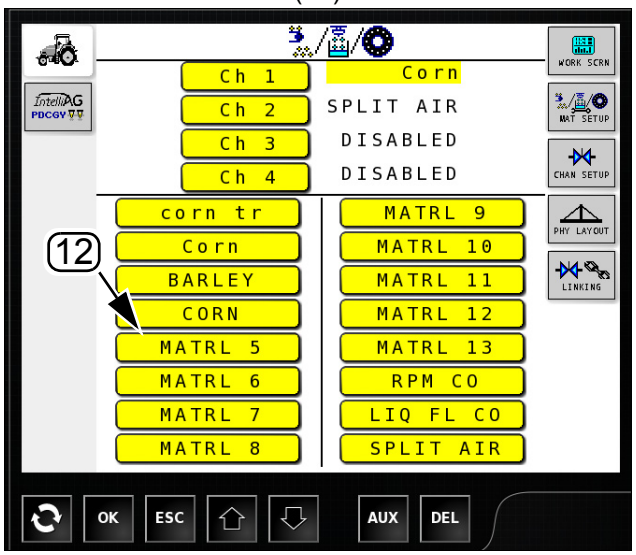
8. Press the Work Screen key (9) to return to the Work Screen.



9. At the Work Screen, press Next Page (10) until the CTRL SETUP key (11) appears.
10. Press CTRL SETUP.



11. Select a new material (12) from the list.



12. Change the Material Name (13) to a desired name. For example: HD Cotton.
13. Change Type to PLANTER CONTROL if the planter is hydraulic driven, or MONITOR ONLY if it is ground driven.

NOTE:
This setting must match Channel 1 unless the planter is ground driven, then Channel 1 is disabled.

14. It is recommended to change the Preset Method to Disabled.

    If Enabled is desired, make sure all 10 rates are filled in.

15. Enter the desired Target Rate.

NOTE:
The Target Rate establishes the desired rate of application in KS (thousand seeds) per acre.

16. Enter the desired Max Rate

NOTE:
The Max Rate establishes the maximum application rate in KS (thousand seeds) per acre. Target Rate cannot exceed the Max Rate.

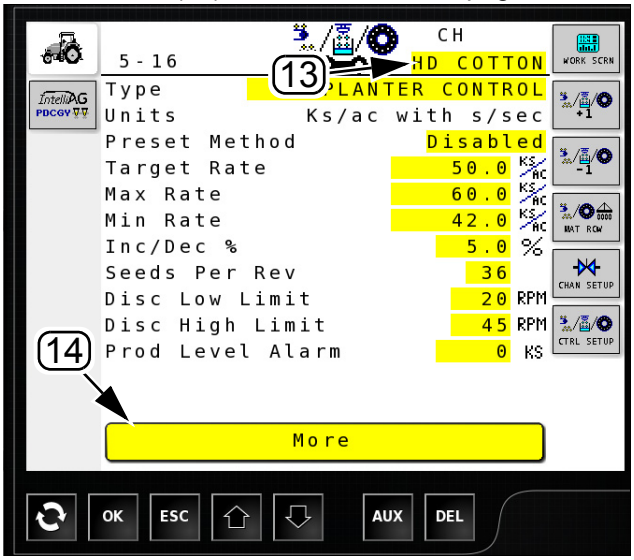
17. Enter the desired Min Rate.

NOTE:
The Min Rate establishes the minimum application rate in KS (thousand seeds) per acre. Target Rate cannot be lower than the Min Rate.

18. The Inc/Dec% rate establishes the percentage of change of the target rate that will be applied each time the Inc/Dec% key is pressed in the Work Screen.
19. Enter 36 as the Seeds Per Rev.

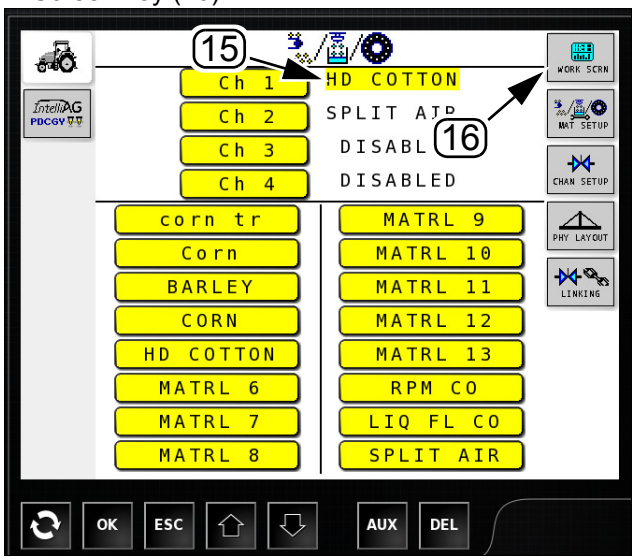
NOTE:
Hill Drop cotton uses a 12 cell seed disk but picks up three seeds per cell for a total of 36 seeds per revolution.

20. Set the Disc Lower Limit to 20 RPM.
21. Set the Disc High Limit to 45 RPM.
22. Prod Level Alarm should be set to 0.
23. Press More (14) at the bottom of the page.

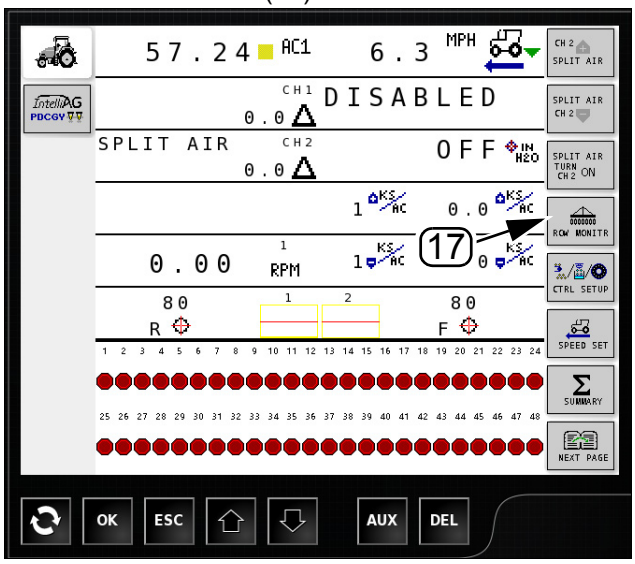


24. Set the High Pop Alarm to 99%.
25. Set the Low Pop Alarm to 80%.
26. Press CTRL SETUP.

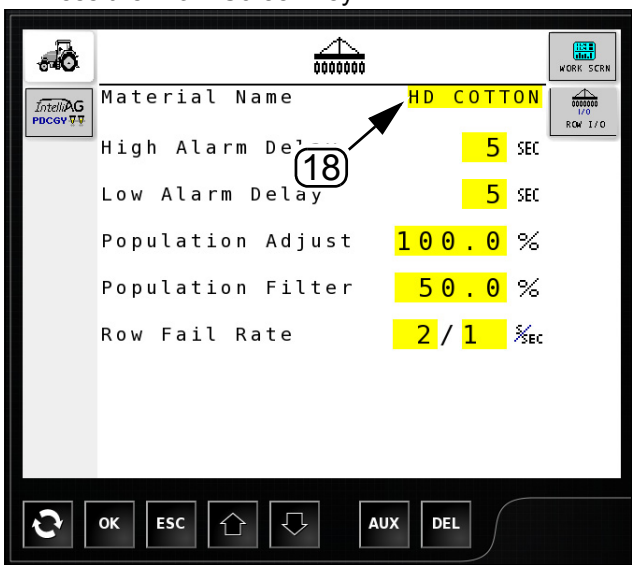
27. If the planter is hydraulic drive, change Channel 1 Material (15) to the recently created material name from step 12.
28. If the planter is ground driven, press the Work Screen key (16).



29. Press Row Monitor (17).



30. Change the Material Name (18) to the recently created material name from step 12.
31. Press the Work Screen key.



The monitor is now set up to plant Hill Drop cotton.

Hill Drop Cotton Meter RPM Limits

Air-Pro® Meter RPM Limits
HILL DROP COTTON
12 Cell Disk
3 seeds per hill

837-186C 3 SEED HILLDROP COTTON

Seed Inlet Shutter Setting: 3

Meter Pressure: 2.5 inch of water

Max. rpm	Min rpm		Planting Speed (mph)	Maximum Hills per Acre	Maximum Population per Acre	Minimum Hill Spacing (inches)	Minimum Hills per Acre	Minimum Population per Acre	Maximum Hill Spacing (inches)
		30in Rows	4	26 730	80 190	7.8	11 880	35 640	17.6
			4.5	23 760	71 280	8.8	10 560	31 680	19.8
45	20		5	21 384	64 152	9.8	9 504	28 512	22
			5.5	19 440	58 320	10.8	8 640	25 920	24.2
			6	17 820	53 460	11.7	7 920	23 760	26.4
		36in Rows	4	22 275	66 825	7.8	9 900	29 700	17.6
			4.5	19 800	59 400	8.8	8 800	26 400	19.8
45	20		5	17 820	53 460	9.8	7 920	23 760	22
			5.5	16 200	48 600	10.8	7 200	21 600	24.2
			6	14 850	44 550	11.7	6 600	19 800	26.4
		38in Rows	4	21 103	63 308	7.8	9 379	28 137	17.6
			4.5	18 758	56 274	8.8	8 337	25 011	19.8
45	20		5	16 882	50 646	9.8	7 503	22 509	22
			5.5	15 347	46 042	10.8	6 821	20 463	24.2
			6	14 068	42 205	11.7	6 253	18 758	26.4
		40in Rows	4	20 048	60 143	7.8	8 910	26 730	17.6
			4.5	17 820	53 460	8.8	7 920	23 760	19.8
45	20		5	16 038	48 114	9.8	7 128	21 384	22
			5.5	14 580	43 740	10.8	6 480	19 440	24.2
			6	13 365	40 095	11.7	5 940	17 820	26.4

68340A

■ Hill Drop Cotton Ground Drive Rate Charts

HILL DROP COTTON

YP1225A-1625A
12 Cell Disk
837-186C 3 SEED HILLDROP COTTON

3 SEEDS PER HILL
Air-Pro Meter
Ezee Glide Plus Required

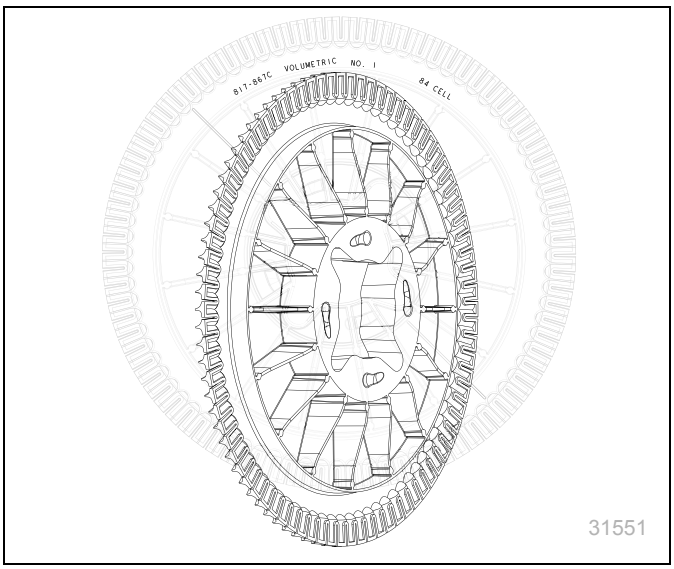
Seed Inlet Shutter Setting: 3

Transmission Combinations		30in Rows — Range Sprockets: Driving = 20, Driven = 30				36in Rows — Range Sprockets: Driving = 20, Driven = 30			
Driving	Driven	Hills per Acre	Seed Population (seeds/acre)	Hill Spacing (inches)	Maximum Planting Speed (mph)	Hills per Acre	Seed Population (seeds/acre)	Hill Spacing (inches)	Maximum Planting Speed (mph)
17	28	8 865	26 596	23.6	8	7 388	22 163	23.6	8
17	27	9 194	27 581	22.7	8	7 661	22 984	22.7	8
17	26	9 547	28 642	21.9	8	7 956	23 868	21.9	8
19	28	9 908	29 725	21.1	8	8 257	24 771	21.1	8
17	25	9 929	29 788	21.1	8	8 274	24 823	21.1	8
19	27	10 275	30 826	20.3	8	8 563	25 688	20.3	8
17	24	10 343	31 029	20.2	8	8 619	25 857	20.2	8
19	26	10 671	32 012	19.6	8	8 892	26 676	19.6	8
17	23	10 793	32 378	19.4	8	8 994	26 982	19.4	8
19	25	11 097	33 292	18.8	8	9 248	27 743	18.8	8
19	24	11 560	34 679	18.1	8	9 633	28 899	18.1	8
23	28	11 994	35 983	17.4	8	9 995	29 986	17.4	8
19	23	12 062	36 187	17.3	8	10 052	30 156	17.3	8
23	27	12 439	37 316	16.8	8	10 365	31 096	16.8	8
24	28	12 516	37 547	16.7	8	10 430	31 289	16.7	8
23	26	12 917	38 751	16.2	8	10 764	32 292	16.2	8
24	27	12 979	38 938	16.1	8	10 816	32 448	16.1	8
25	28	13 037	39 112	16.0	8	10 864	32 593	16.0	8
17	19	13 065	39 194	16.0	8	10 887	32 662	16.0	8
23	25	13 434	40 301	15.6	7	11 195	33 584	15.6	7
24	26	13 479	40 436	15.5	7	11 232	33 696	15.5	7
25	27	13 520	40 560	15.5	7	11 267	33 800	15.5	7
26	28	13 559	40 676	15.4	7	11 299	33 897	15.4	7
23	24	13 993	41 980	14.9	7	11 661	34 983	14.9	7
24	25	14 018	42 053	14.9	7	11 681	35 044	14.9	7
25	26	14 040	42 120	14.9	7	11 700	35 100	14.9	7
26	27	14 061	42 183	14.9	7	11 717	35 152	14.9	7
27	28	14 080	42 241	14.8	7	11 734	35 201	14.8	7
23	23	14 602	43 805	14.3	7	12 168	36 504	14.3	7
28	27	15 143	45 428	13.8	7	12 619	37 856	13.8	7
27	26	15 163	45 490	13.8	7	12 636	37 908	13.8	7
26	25	15 186	45 557	13.8	7	12 655	37 965	13.8	7
25	24	15 210	45 631	13.7	7	12 675	38 025	13.7	7
24	23	15 237	45 710	13.7	7	12 697	38 092	13.7	7
28	26	15 725	47 175	13.3	6	13 104	39 312	13.3	6
27	25	15 770	47 310	13.3	6	13 142	39 425	13.3	6
26	24	15 819	47 456	13.2	6	13 182	39 546	13.2	6
25	23	15 871	47 614	13.2	6	13 226	39 679	13.2	6
19	17	16 320	48 959	12.8	6	13 600	40 799	12.8	6
28	25	16 354	49 062	12.8	6	13 628	40 885	12.8	6
27	24	16 427	49 281	12.7	6	13 689	41 067	12.7	6
26	23	16 506	49 519	12.7	6	13 755	41 266	12.7	6
28	24	17 035	51 106	12.3	6	14 196	42 588	12.3	6
27	23	17 141	51 424	12.2	6	14 284	42 853	12.2	6
23	19	17 676	53 027	11.8	6	14 730	44 190	11.8	6
28	23	17 776	53 328	11.8	6	14 813	44 440	11.8	6
24	19	18 444	55 333	11.3	5	15 370	46 111	11.3	5
25	19	19 213	57 639	10.9	5	16 011	48 032	10.9	5
23	17	19 755	59 266	10.6	5	16 463	49 388	10.6	5
26	19	19 981	59 944	10.5	5	16 651	49 953	10.5	5
24	17	20 614	61 843	10.1	5	17 179	51 536	10.1	5
27	19	20 750	62 250	10.1	5	17 292	51 875	10.1	5
25	17	21 473	64 420	9.7	4	17 894	53 683	9.7	4
28	19	21 518	64 555	9.7	4	17 932	53 796	9.7	4
26	17	22 332	66 996	9.4	4	18 610	55 830	9.4	4
27	17	23 191	69 573	9.0	4	19 326	57 978	9.0	4
28	17	24 050	72 150	8.7	4	20 042	60 125	8.7	4

68321A

Volumetric Seeding

These instructions explain how to operate and calibrate the Air-Pro® No. 1 84 cell volumetric seed disk.



For detailed instructions, refer to the DICKEY-john® Quick Start Guide Planter Operation, or the DICKEY-john® IntelliAg®Planter/Drill Control Operator's Manual.

■ Prepare Meters

⚠CAUTION

Possible Chemical Hazard:
Seed disks will have talc and graphite residue, and may have residue of hazardous seed treatments. Wear gloves when handling seed disks. Consult the Material Safety Data Sheet (MSDS) for any treated seeds recently planted.

Refer to the planter Operator's Manual for detailed clean out instructions.

1. Clean out the seed meters.
2. Remove and store the current seed disks.
3. Inspect the brushes and clean as necessary.

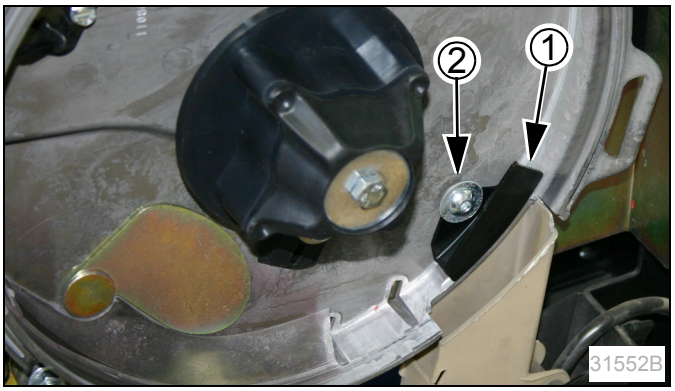
When planting with the volumetric disk, a very small percentage of grain may be lost out the opening at the back of the seed tube. If the amount of loss is more than you desire the grain shield can be installed to stop this.

If necessary, order the grain shield using the part number `403-596A VOLUMETRIC METER GRAIN SHIELD.`

🕮 **NOTE:**
It is highly recommended that the grain shield be removed from the meter when going back to larger singulated seed.

To install the grain shield:

1. Remove the strip and block brush assembly. Save the washer for reuse in step 3.
2. Remove the $^{5}/_{16}$ inch hex-headed bolt and discard. It is replaced with the $^{5}/_{16}$ inch button head cap screw.
3. Position the grain shield (1) and reinstall with the $^{5}/_{16}$ inch button head cap screw (2) and saved washer.



4. Re-install the strip and block brush assembly.
5. Install the volumetric disks as you would any other seed disk.
6. Set the seed inlet shutter on each meter. See the rate charts for your crop for suggested initial values.

■ Configure Ground Drive(s)

For hydraulic drive planters, continue at "**Hydraulic Drive**" on page 93.

Configure the ground drive according to the chart and rate selected on the seed rate charts (beginning on page 98). See "**Configure Ground Drive(s)**" on page 90 for details on sprocket adjustment.

If the planter has more than one driving gauge or contact wheel, be sure to set all drives identically.

■ Meter Pressurization

Due to delivery of multiple seeds per disk cell, a volumetric crop requires a specific value of disk pressurization.

- 2.0 inches of water Hard Red Winter (HRW)
- 2.5 inches of water Soft Red Winter (SRW)

Do not operate below 2.0 inches of water

Note the suggested initial meter pressure. Have this value at hand in the tractor cab.

■ Calibrate

Calibration is essential for accurate populations:

Seed monitors cannot accurately count individual seeds in volumetric planting, both due to the small seed size, and due to multiple seeds per cell being often detected as one seed.

Ground drive charts are only approximate, and only for the seed variety and conditions used to develop the chart.

Your own rate records may also be approximate. The same seed variety planted at a different date can require a rate adjustment due to different seed density, different weather, different field speed, etc.

NOTICE

Population Risk:
Volumetric planting based strictly on ground drive charts is likely to be inaccurate. Volumetric planting based on seed monitor seed counts is certain to be inaccurate.
***Calibrate**. Check your actual rate by weight or by furrow count. Check your seed consumption when refilling.*

Calibrate your seed rate.

- For hydraulic drive planters, use the Spreader Calibration feature of the seed monitor.
- For ground drive or hydraulic drive planters, rely on a furrow check.

■ Furrow Checking Rate

1. Configure the planter for the approximate rate, based on the seed rate charts.
2. Set the meter pressure to the chart value.
3. Prime the meters. See your planter Operator's Manual for information.
4. Plant for a short distance, just until the air delivery system is stabilized, and the meters are all delivering seed.
5. Select one or more rows to sample.
6. Set the planting depth to shallow for the sample row(s). Set the press wheels to minimum force. Use a wire to tie up the press wheel assembly.
7. Resume planting for a short distance.
8. Use a sampled row length of one foot (one meter). Count the seeds.

📖 **NOTE:**
Interpolate rows for more precise rate results. Double or triple the sample length to improve accuracy.

9. On the tables on the next page, find the nearest Seeds per row ft (Seeds per row meter) in the table for your row spacing.
10. Look up the population, or pounds per acre (kilograms per hectare).

US customary units

Row Spacing inches	Seeds per row ft	Population seeds/acre	*Pounds per acre* at 12500 seeds/lb	at 15000 seeds/lb	at 17500 seeds/lb
9.5 inch Rows	45	2 500 000	*200*	*167*	*143*
	41	2 500 000	*180*	*150*	*129*
	36	2 000 000	*160*	*133*	*114*
	32	1 750 000	*140*	*117*	*100*
	27	1 500 000	*120*	*100*	*86*
	23	1 250 000	*100*	*83*	*71*
	18	1 000 000	*80*	*67*	*57*
	14	750 000	*60*	*50*	*43*
One Row of Twin Row 20 inch or 10 inch Rows	48	2 500 000	*200*	*167*	*143*
	43	2 500 000	*180*	*150*	*129*
	38	2 000 000	*160*	*133*	*114*
	33	1 750 000	*140*	*117*	*100*
	29	1 500 000	*120*	*100*	*86*
	24	1 250 000	*100*	*83*	*71*
	19	1 000 000	*80*	*67*	*57*
	14	750 000	*60*	*50*	*43*
One Row of Twin Row 30 inch or 15 inch Rows	72	2 500 000	*200*	*167*	*143*
	65	2 500 000	*180*	*150*	*129*
	57	2 000 000	*160*	*133*	*114*
	50	1 750 000	*140*	*117*	*100*
	43	1 500 000	*120*	*100*	*86*
	36	1 250 000	*100*	*83*	*71*
	29	1 000 000	*80*	*67*	*57*
	22	750 000	*60*	*50*	*43*

68304A

Metric Units

Row Spacing cm	Seeds per row meter	Population seeds/ha	*Kilograms per Hectare* at 27560 seeds/kg	at 33070 seeds/kg	at 38580 seeds/kg
24.1 cm Rows	149	6 177 500	*224*	*187*	*160*
	134	5 559 750	*202*	*168*	*144*
	119	4 942 000	*179*	*149*	*128*
	104	4 324 250	*157*	*131*	*112*
	89	3 706 500	*135*	*112*	*96*
	75	3 088 750	*112*	*93*	*80*
	60	2 471 000	*90*	*75*	*64*
	45	1 853 250	*67*	*56*	*48*
One Row of Twin Row 50.8 cm or 25.4 cm Rows	157	6 177 500	*224*	*187*	*160*
	141	5 559 750	*202*	*168*	*144*
	126	4 942 000	*179*	*149*	*128*
	110	4 324 250	*157*	*131*	*112*
	94	3 706 500	*135*	*112*	*96*
	78	3 088 750	*112*	*93*	*80*
	63	2 471 000	*90*	*75*	*64*
	47	1 853 250	*67*	*56*	*48*
One Row of Twin Row 76.2 cm or 38.1 cm Rows	235	6 177 500	*224*	*187*	*160*
	212	5 559 750	*202*	*168*	*144*
	188	4 942 000	*179*	*149*	*128*
	165	4 324 250	*157*	*131*	*112*
	141	3 706 500	*135*	*112*	*96*
	118	3 088 750	*112*	*93*	*80*
	94	2 471 000	*90*	*75*	*64*
	71	1 853 250	*67*	*56*	*48*

68304K

■ Volumetric Seed Monitor Setup

In volumetric planting, the seed monitor operates basically as a blockage detector. Any seed drop rate information is only approximate.

The seed monitor is operated as follows:

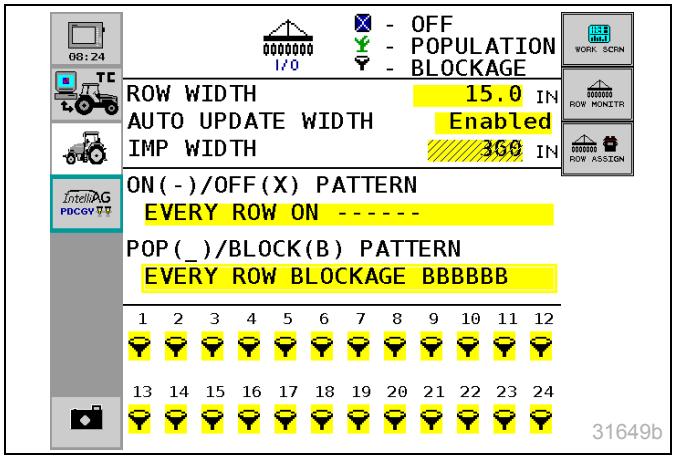
- hydraulic drive - GRAN SEED CONTROL
- ground drive - GRAN SEED MONITOR

For detailed information, see the DICKEY-john® IntelliAg®Planter/Drill Control User Level 1 and DICKEY-john® IntelliAg®Planter/Drill Control User Level 2 and 3 manuals.

Hydraulic Drive

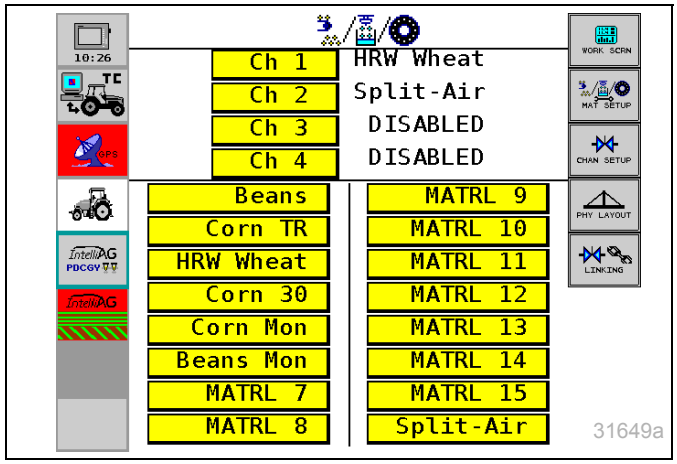
The planter needs to be hitched to the tractor in which the DICKEY-john® virtual terminal (VT) is installed.

1. Power up the seed monitor. Clear or resolve any alarms. The system will be in User Level 1 mode.
2. Change monitor to User Level 2. See PDC manual, or consult with dealer for procedure.
3. At the monitor main menu, press the Row Monitor key, then push the Row I/O key. Change the POP/Block pattern to “Every Row Blockage.”



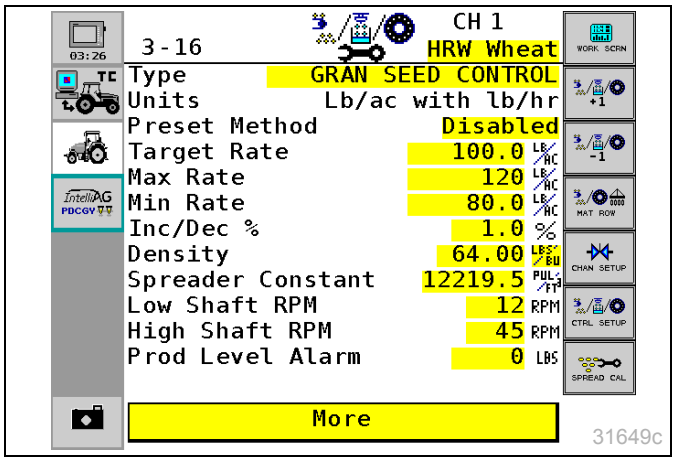
Add at least one volumetric seed to the monitor’s Material Library. Settings for volumetric have differences from settings for singulated seeds.

4. At the monitor main menu, press the CTRL SETUP key.
5. Select and press a button associated with an undefined or unused material. For example, MATRL 7 could be renamed to HRW Wheat.

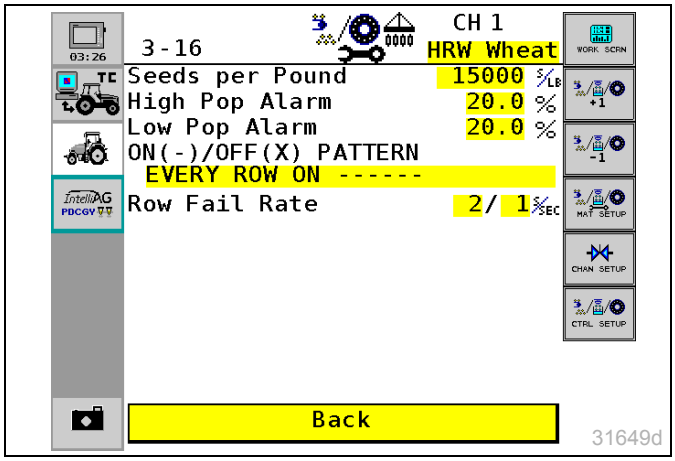


6. Change Type to GRAN SEED CONTROL.
7. Change Units to Lb/ac with lb/hr.
8. It is recommended to set the Preset Method to Disabled. If Enabled is desired, make sure all 10 rates are filled in.
9. Enter the desired Target Rate. The Target Rate establishes the desired rate of application in pounds per acre.
10. Enter the desired Max Rate. The Max Rate establishes the maximum application rate in pounds per acre. Target Rate cannot exceed the Max Rate.
11. Enter the desired Min Rate. The Min Rate establishes the minimum application rate in pounds per acre. Target Rate cannot be lower than Min Rate.
12. The Inc/Dec% rate establishes the percentage of change of the target rate that will be applied each time the Inc/Dec% key is pressed on the Work Screen.
13. Density is the value provided by the seed supplier. Enter that value.
14. The Spreader Constant value is developed automatically during calibration.
15. Enter “12” as the Low Shaft RPM value from the Meter RPM Limits chart.
16. Enter “45” as the High Shaft RPM value from the Meter RPM Limits chart.
17. Prod Level Alarm should be set at 0. This is the computed level at which the monitor thinks seed has run out.

18. Select More.



19. Enter the Seeds per Pound value provided by the seed supplier.
20. Set the High Pop Alarm to 20%. This is the rate above the target population that triggers an alarm.
21. Set the Low Pop Alarm to 20%. This is the rate below the target population that triggers an alarm.
22. Set Pattern to EVERY ROW ON unless planting split rows.
23. Set the Row Fail Rate to 2/ 1 s/sec. This means 2 seeds every 1 second is the blockage detection threshold.

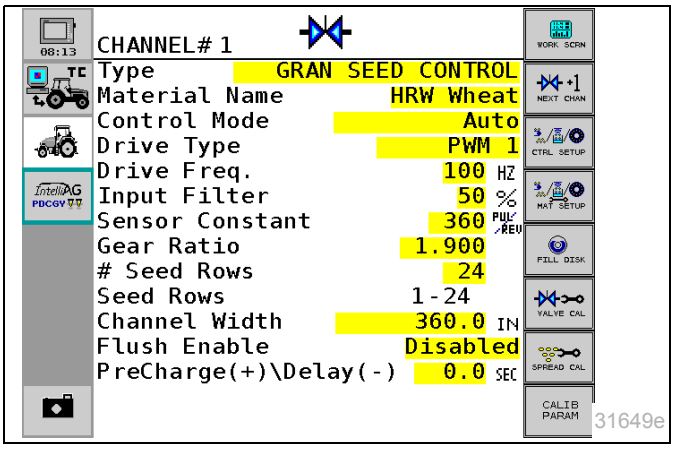


24. Press the CTRL SETUP key to return to the Control Setup menu. Set up any additional seeds as desired.
25. Press the CHAN SETUP key.
26. Select Channel 1.
27. Change the Type to GRAN SEED CONTROL.
28. Select the desired Material Name from the list.
29. Control Mode should be set to Auto.
30. Drive Type should be PWM 1.
31. Drive Frequency should be 100 Hz.
32. Input Filter provides a setting for the amount of filtering applied to the frequency feedback of the control channel.

NOTICE

It is NOT recommended that the Input Filter be manually altered. Any adjustments could result in the channel not operating properly.

33. Sensor Constant should be set to 360 pul/rev.
34. When switching from planter control to granular seed control, the Gear Ratio will default to 1. Reset this value to 1.9.
35. Set the # Seed Rows to the number of active rows.
36. Channel Width is the width for rows assigned to a specific channel. The can be determined by active row spacing multiplied by the active row count.
37. Precharge Time should be set to 0.



38. At the Channel Setup screen, press the VALVE CAL key.

    Follow the on-screen instructions to run a valve calibration.

NOTE:
This is not the same as Spreader Constant calibration. Valve Cal ***MUST BE*** done any time the monitor is switched into GRAN SEED CONTROL mode.

39. When the calibration is complete, press the CHAN SETUP key to return to the Channel Setup screen.
40. Press the CTRL SETUP key.
41. Press the material labeled SPLIT AIR.
42. Reset the target rate to the meter pressure suggested by the charts on page 96 (typically 2.0 or 2.5 inches of water pressure).
43. Press the Work Screen key to return to the main work menu.

Calibration

You need a light weight container for each row sampled, and a scale that is accurate at the expected sample weight.

Example: 4 containers each weighing 8 oz.
8 oz x 4 = 32 oz
ContainerWeight at step 16 is 2 lbs

Great Plains recommends using enough rows and/or revolutions to generate a sample of about 10 pounds (4.5 kg), ideally:

- Use at least two rows.
- Use no fewer than 5 meter revolutions.

1. Set the seed inlet shutters to 2 (see planter Operator's Manual for details).
2. Select the section and rows to be sampled.
3. Use the clutches to disconnect the other sections of the planter.

   If the planter is equipped with Swath Command™, disable all but the tested rows.
4. Raise the planter, and install the lift cylinder transport locks. Leave tractor hydraulic system active.
5. Bring the hydraulic fan up to planting speed (see planter Operator's Manual for details).
6. Press the Fill Disk key and then the Row Fill key. This diverts all split air to seed delivery. Remain in this mode until no more seed is flowing to meters. Press the Work Screen key to return to the main work menu.
7. Press the Control Setup key and then the Channel Setup key.
8. Press the Spreader Calibration key.
9. Engage the hydraulic drive circuit.
10. Press the Fill Disk key. This turns the meters one revolution to fill the disk cells.
11. Determine the meter revolutions needed. The following equation gives the number of meter revolutions needed to meter 10 pounds. The tables on page 96 provides approximate pounds (and kg) per revolution of each wheel and seed.

$$\#MeterRevs = \frac{10}{RowsSampled \times PoundsPerRev}$$

Example: planter model with 15 inch rows
crop: Hard Red Winter wheat
PoundsPerRev: 0.04
RowsSampled: 4
10 / (4 x 0.04) = 62.5
Enter 63 for "# Meter Revs" at step 15.

12. Configure the seed monitor for the planter and crop (material). If the seed density is not known, use 1 pound/cubic-foot or 1 lb/bu.
13. Consult the rate chart for the crop (page 96). Note the allowed Meter RPM range for the intended seed disk and planting speed.

Example: target population: 110 lbs/ac
desired speed: 5 mph
METER RPM: 12 rpm minimum, 45 rpm maximum

14. Place a collection bucket under each test meter's seed tube.

⚠ CAUTION

Moving Chain Hazard:
Shafts turn and chains move as soon as the Start key is pressed on the seed monitor. Set up collection containers so that they may be unattended. Keep all persons clear of the planter while calibrating.

15. In the Spreader Constant Calibration screen, enter the # Meter Revs and press the Start key.
16. Weigh the containers plus seed (*GrossWeight*). Subtract the empty container weights to obtain the net weight.

$$NetWeight = GrossWeight - ContainerWeight$$

Example: *ContainerWeight:* 2 lbs
GrossWeight: 12.88 lbs
12.88 - 2 = 10.88
NetWeight: 10.88 lbs

17. The seed monitor assumes that all rows were tested. If you tested fewer (commonly the case), scale the sample size to planter-wide:

$$AmountDispensed = \frac{NetWeight \times RowCount}{RowsSampled}$$

Example: *NetWeight:* 10.88 lbs
RowCount: 31
RowsSampled: 4
(10.88 x 31) / 4 = 84.34
AmountDispensed: 84.34

18. Enter the Amount Dispensed. The seed monitor computes a new Spreader Constant.

📖 **NOTE:**
If the net weight of the metered sampled was dramatically different than expected, run another calibration to validate or revise the new spreader constant.

19. Perform a Ground Speed Calibration procedure.
20. Refer to "**Furrow Checking Rate**" on page 91 to verify seed rates.

Volumetric Meter RPM Limits

WHEAT
84 Cell Disk
Twin Row 30 in
15 in Rows

817-867C Volumetric No. 1

Seed Inlet Shutter Setting: **2**

Hard Red Winter

Meter Pressure: **2 inches of water**

seeds/lb: **14347**
lb/bu: **61.3**

Max rpm	Min rpm	pounds per rev
45	12	0.045

Planting Speed mph	Maximum lb/acre	Minimum lb/acre
4	199	53
5	159	43
6	133	35
7	114	30
8	100	27

seeds/kg: **31629**
kg/liter: **0.7877**

Max rpm	Min rpm	kilograms per rev
45	12	0.020

kph	kg/ha	kg/ha
6.4	223	60
8.0	179	48
9.7	149	40
11.3	128	34
12.9	112	30

Soft Red Winter

Meter Pressure: **2.5 inches of water**

seeds/lb: **14192**
lb/bu: **56.3**

Max rpm	Min rpm	pounds per rev
45	12	0.045

Planting Speed mph	Maximum lb/acre	Minimum lb/acre
4	221	59
5	177	47
6	148	39
7	127	34
8	111	30

seeds/kg: **31288**
kg/liter: **0.7235**

Max rpm	Min rpm	kilograms per rev
45	12	0.023

kph	kg/ha	kg/ha
6.4	248	66
8	199	53
9.7	165	44
11.3	142	38
13	124	33

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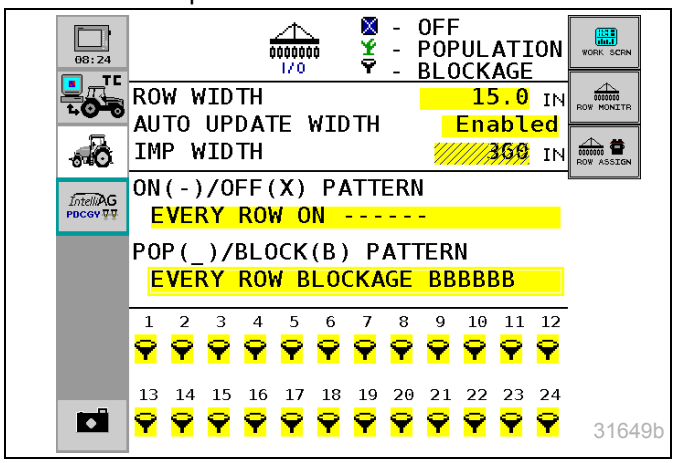
Ground Drive

For detailed information, see the DICKEY-john® IntelliAg®Planter/Drill Control User Level 1 and DICKEY-john® IntelliAg®Planter/Drill Control User Level 2 and 3 manuals.

1. Power up the seed monitor. Clear or resolve any alarms. The system is in User Level 1.
2. Change monitor to User Level 2. See PDC manual, or consult with dealer for procedure.
3. At the monitor main menu, press the Row Monitor key, then push the Row I/O key. Change the POP/Block pattern to EVERY ROW BLOCKAGE.



Add at least one volumetric seed to the monitor's Material Library. Settings for volumetric have differences from settings for singulated seeds.

4. At the monitor main menu, press the Control Setup key.
5. Select and press a key associated with an undefined or unused material. For example: MATRL 7 could be renamed to HRW Wheat.
6. Change Type to GRAN SEED MONITOR.
7. Change Units to Lb/ac with lb/hr.
8. Enter the desired Target Rate. The Target Rate establishes the desired rate of application in pounds per acre.
9. Density is the value provided by the seed supplier. Enter that value.
10. Enter the number of seeds per pound.
11. Set the High Pop Alarm to 20%. This is the rate above target population that triggers an alarm.
12. Set the Low Pop Alarm to 20%. This is the rate below target population that triggers an alarm.
13. ON/OFF Pattern should be set to EVERY ROW ON unless planting split rows.
14. Set Row Fail Rate to 2/1 (2 seeds every 1 second). This is the blockage detection threshold.
15. Press the CTRL SETUP key to return to the Control Setup menu. Set up any additional seeds as desired.
16. Press the material labeled Split Air.
17. Reset the target rate to the meter pressure suggested by the charts beginning on page 98 (typically 2.0 or 2.5 inches of water pressure).
18. Press the Work Screen key to return to the main menus.
19. Find the Range Sprockets and Transmission Sprockets on the rate chart for the seeding rate desired.
20. Set the seed inlet shutters to 2, see planter Operator manual for details.
21. Engage the hydraulic fan, and set it at operating speed, see planter Operator manual for details.
22. Press the Row Fill key. This diverts all split air to seed delivery. Remain in this mode until no more seed is flowing to the meters.
23. Lower planter down and drive forward a short distance to fill the seed disks.
24. Plant for a short distance, then go to the "**Furrow Checking Rate**" on page 91 and follow the instructions for checking seeding rates.

Volumetric Ground Drive Rate Charts

YP1225A - 1625A
84 Cell Disk
817-867C VOLUMETRIC No.1

WHEAT
Hard Red Winter
61.3 lb/bu (0.7877 kg/liter)
Air-Pro® Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2
Meter Pressure:
2 inches water

				Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 15 Driven = 30			
Transmission Combinations		Seed Rate		Minimum Planting Speed		Maximum Planting Speed	
Driving	Driven	lb/acre	kg/hectare	mph	kph	mph	kph
17	28	49.6	55.6	4.3	6.9	8	13
17	27	51.4	57.6	4.1	6.7	8	13
17	26	53.4	59.8	4.0	6.4	8	13
19	28	55.4	62.1			8	13
17	25	55.5	62.2			8	13
19	27	57.5	64.4			8	13
17	24	57.8	64.8			8	13
19	26	59.7	66.9			8	13
17	23	60.3	67.6			8	13
19	25	62.0	69.6			8	13
19	24	64.6	72.5			8	13
23	28	67.1	75.2			8	13
19	23	67.4	75.6			8	13
23	27	69.5	78.0			8	13
24	28	70.0	78.4			8	13
23	26	72.2	81.0			8	13
24	27	72.6	81.4			8	13
25	28	72.9	81.7			8	13
17	19	73.0	81.9			8	13
23	25	75.1	84.2			8	13
24	26	75.4	84.5			8	13
25	27	75.6	84.7			8	13
26	28	75.8	85.0			8	13
23	24	78.2	87.7			8	13
24	25	78.4	87.9			8	13
25	26	78.5	88.0			8	13
26	27	78.6	88.1			8	13
27	28	78.7	88.3			8	13
23	23	81.6	91.5			8	13
28	27	84.7	94.9			8	13
27	26	84.8	95.0			8	13
26	25	84.9	95.2			8	13
25	24	85.0	95.3			8	13
24	23	85.2	95.5			8	13
28	26	87.9	98.6			8	13
27	25	88.2	98.8			8	13
26	24	88.4	99.1			8	13
25	23	88.7	99.5			8	13
19	17	91.2	102.3			8	13
28	25	91.4	102.5			8	13
27	24	91.8	103.0			8	13
26	23	92.3	103.5			8	13
28	24	95.2	106.8			8	13
27	23	95.8	107.4			8	13
23	19	98.8	110.8			8	13
28	23	99.4	111.4			8	13
24	19	103.1	115.6			7	11
25	19	107.4	120.4			7	11
23	17	110.5	123.8			7	11
26	19	111.7	125.2			7	11
24	17	115.3	129.2			6	10
27	19	116.0	130.1			6	10
25	17	120.1	134.6			6	10
28	19	120.3	134.9			6	10
26	17	124.9	140.0			6	10
27	17	129.7	145.4			6	10
28	17	134.5	150.7			5	8

68291A

YP1225A - 1625A
84 Cell Disk
817-867C VOLUMETRIC No.1

WHEAT

Soft Red Winter
56.3 lb/bu (0.7235 kg/liter)
Air-Pro® Meter
Ezee Glide Plus Required

Seed Inlet Shutter Setting: 2
Meter Pressure:
2.5 inches water

					Twin Row 30in (Twin Row 76.2cm) 15in Rows (38.1cm Rows) Range Sprockets: Driving = 20 Driven = 30	
Transmission Combinations		Seed Rate			Maximum Planting Speed	
Driving	Driven	lb/acre	kg/hectare		mph	kph
17	28	**73.4**	**82.3**		8	13
17	27	**76.2**	**85.4**		8	13
17	26	**79.1**	**88.7**		8	13
19	28	**82.1**	**92.0**		8	13
17	25	**82.2**	**92.2**		8	13
19	27	**85.1**	**95.4**		8	13
17	24	**85.7**	**96.0**		8	13
19	26	**88.4**	**99.1**		8	13
17	23	**89.4**	**100.2**		8	13
19	25	**91.9**	**103.0**		8	13
19	24	**95.8**	**107.3**		8	13
23	28	**99.4**	**111.4**		8	13
19	23	**99.9**	**112.0**		8	13
23	27	**103.0**	**115.5**		8	13
24	28	**103.7**	**116.2**		8	13
23	26	**107.0**	**119.9**		8	13
24	27	**107.5**	**120.5**		8	13
25	28	**108.0**	**121.1**		8	13
17	19	**108.2**	**121.3**		8	13
23	25	**111.3**	**124.7**		7	11
24	26	**111.6**	**125.2**		7	11
25	27	**112.0**	**125.5**		7	11
26	28	**112.3**	**125.9**		7	11
23	24	**115.9**	**129.9**		7	11
24	25	**116.1**	**130.2**		7	11
25	26	**116.3**	**130.4**		7	11
26	27	**116.5**	**130.6**		7	11
27	28	**116.6**	**130.7**		7	11
23	23	**121.0**	**135.6**		7	11
28	27	**125.4**	**140.6**		7	11
27	26	**125.6**	**140.8**		7	11
26	25	**125.8**	**141.0**		7	11
25	24	**126.0**	**141.2**		7	11
24	23	**126.2**	**141.5**		7	11
28	26	**130.3**	**146.0**		6	10
27	25	**130.6**	**146.4**		6	10
26	24	**131.0**	**146.9**		6	10
25	23	**131.5**	**147.4**		6	10
19	17	**135.2**	**151.5**		6	10
28	25	**135.5**	**151.9**		6	10
27	24	**136.1**	**152.5**		6	10
26	23	**136.7**	**153.3**		6	10
28	24	**141.1**	**158.2**		6	10
27	23	**142.0**	**159.2**		6	10
23	19	**146.4**	**164.1**		6	10
28	23	**147.2**	**165.1**		6	10
24	19	**152.8**	**171.3**		5	8
25	19	**159.1**	**178.4**		5	8
23	17	**163.6**	**183.4**		5	8
26	19	**165.5**	**185.5**		5	8
24	17	**170.8**	**191.4**		5	8
27	19	**171.9**	**192.7**		5	8
25	17	**177.9**	**199.4**		4	6
28	19	**178.2**	**199.8**		4	6
26	17	**185.0**	**207.4**		4	6
27	17	**192.1**	**215.3**		4	6
28	17	**199.2**	**223.3**		4	6

68291B

Liquid Fertilizer

The liquid fertilizer option uses a CDS-John Blue® piston pump. For pump operation and pump maintenance refer to the Planter Operator Manual and CDS-John Blue® Pump Manual. The CDS-John Blue® Manual is supplied in the liquid fertilizer option package.

The pump is driven by a ground contact wheel or hydraulic drive. Fertilizer rate is independent of seed rate. Fertilizer rate is set by a pump dial and a sprocket on the ground drive assembly.

NOTE:
Great Plains recommends checking with your local Agronomist as soil conditions vary. Soil conditions in your area may need lesser or more amounts of fertilizer than represented in these charts. Do not exceed 12 gallons/acre (112 liters/ha) in any case.

Setting Liquid Fertilizer Rate

DANGER

Agricultural Chemical Hazard:
Some chemicals will cause serious burns, lung damage, and death. Avoid contact with skin or eyes. Avoid prolonged breathing of chemical fumes. Wear respirator and other protective equipment as required by chemical manufacturer. Seek medical assistance immediately if accident occurs. Know what to do in case of an accident.

1. Determine the desired application rate in gallons per acre or liters per hectare.
2. Install orifice plates appropriate for that rate.
3. Verify that the strainer mesh size is suitable for the rate. See page 102.
4. Determine the range sprocket and pump adjuster dial setting required for your rate. See page 103. Configure the sprocket and dial.
5. At first use, adjust the relief valve to the suggested initial setting. See page 102. Make further adjustments based on pressure readings in the field.

Determine Orifice Size

The orifice needs to be small enough to create at least 15 psi of pressure in the manifold but large enough to prevent the manifold pressure from exceeding 85 psi.

The minimum pressure is required to even out the flow of fertilizer between rows. To reduce orifice plugging and pump wear, use the largest orifice practical for your fertilizer application rate.

The best pressure range to maintain is 15-to-40 psi to ensure optimum distribution while minimizing leakage.

NOTICE

Orifice Size Does Not Control Rate:
Orifice size is only used to create 15-to-65 psi back pressure to provide even flow between rows. Set application rate in gallons per acre using pump drive chart.

Orifice Size	Part Number	Port Diameter	Port Area
20	832-052C	0.020 in	0.20 mm^2
28*	832-056C	0.028 in	0.40 mm^2
34*	832-053C	0.034 in	0.59 mm^2
48*	832-054C	0.048 in	1.17 mm^2
59	832-057C	0.059 in	1.76 mm^2
80	832-055C	0.080 in	3.24 mm^2
98	832-059C	0.098 in	4.87 mm^2

* Sizes standard in many fertilizer bundles. Check your accessories before ordering.

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Rate Ranges vs. Orifice Size

US customary units

Orifice Plate Size	20	28*	34*	48*	59	80	98
Nozzle Spacing	Recommended Rate Range in Gallons per Acre. Pressure is 15 - 40 PSI (Values based on: 5.0 mph, 10.7 lbs/gallon Fertilizer solution density)						
Twin Row 30in / 15in Rows	2.2 - 3.6	4.2 - 6.9	6.3 - 10	12 - 20	19 - 30	34 - 56	54 - 88
Twin Row 36in	1.9 - 3.0	3.5 - 5.7	5.3 - 8.6	10 - 17	15 - 25	28 - 46	45 - 73
20in Rows	1.7 - 2.7	3.2 - 5.2	4.7 - 7.7	9.2 - 15	14 - 23	26 - 42	40 - 66
70cm Rows	1.2 - 2.0	2.3 - 3.7	3.4 - 5.6	6.7 - 11	10 - 17	19 - 30	29 - 48
30in Rows	1.1 - 1.8	2.1 - 3.4	3.2 - 5.2	6.1 - 10	9.3 - 15	17 - 28	27 - 44
36in Rows	0.9 - 1.5	1.8 - 2.9	2.6 - 4.3	5.1 - 8.4	7.7 - 13	14 - 23	22 - 37

Metric units

Orifice Plate Size	20	28*	34*	48*	59	80	98
Nozzle Spacing	Recommended Rate Range in Liters per Hectare. Pressure is 15 - 40 PSI (Values based on: 8.0 kph, 1.28 kg/liter Fertilizer solution density)						
Twin Row 30in / 15in Rows	21 - 34	39 - 64	59 - 96	115 - 188	174 - 284	318 - 520	502 - 820
Twin Row 36in	17 - 28	33 - 54	49 - 80	96 - 156	145 - 237	265 - 433	418 - 683
20in Rows	16 - 26	30 - 48	44 - 72	86 - 141	130 - 213	239 - 390	376 - 615
70cm Rows	21 - 35	32 - 52	62 - 102	95 - 155	173 - 283	273 - 446	341 - 341
30in Rows	10 - 17	20 - 32	29 - 48	57 - 94	87 - 142	159 - 260	251 - 410
36in Rows	9 - 14	16 - 27	25 - 40	48 - 78	72 - 118	133 - 217	209 - 341

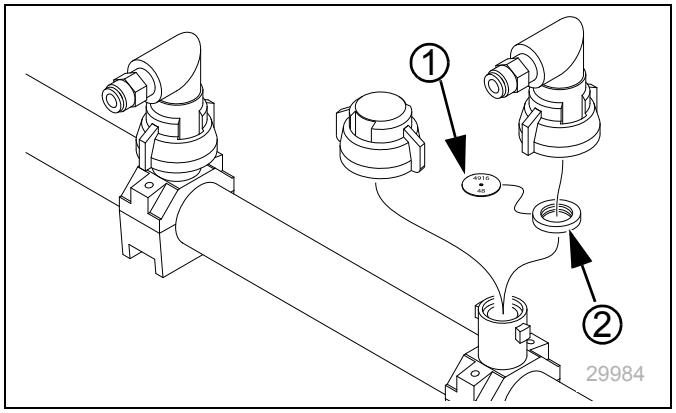
⚠ DANGER

Agricultural Chemical Hazard:

Wear protective gloves when changing orifice plates and strainer screens. Consult material manufacturer or supplier documents for proper handling and steps to take if skin contact occurs.

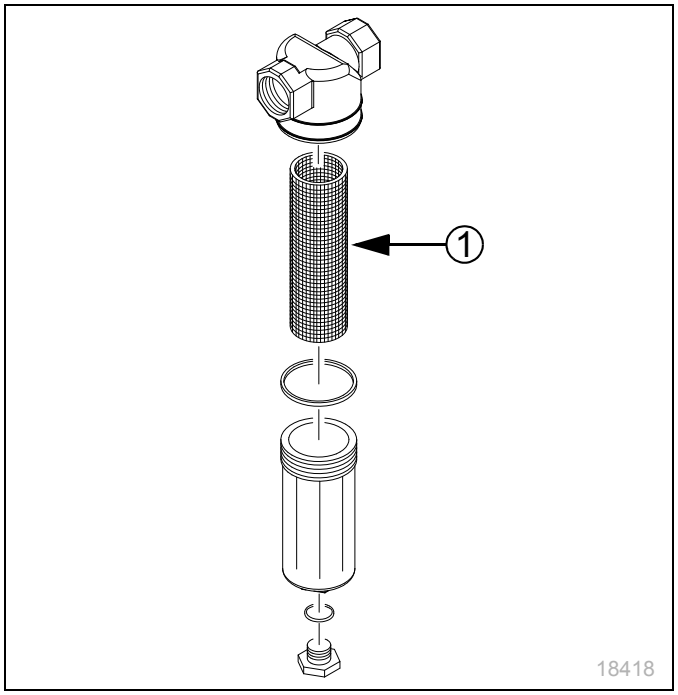
To install the orifice plates:

1. Insert the orifice plate (1) inside the gasket (2) supplied with the nozzle.
2. Insert the gasket and orifice plate with the number side facing out the nozzle outlet (typically up).



Strainer

A Banjo brand strainer is supplied with the fertilizer pump option. It is plumbed before the pump. The standard 80 mesh screen (1) should be suitable for most applications. Other screen sizes are available from Banjo Corporation.



DANGER

Agricultural Chemical Hazard:

Wear protective gloves when changing strainer screens. Consult material manufacturer or supplier documents for proper handling and steps to take if skin contact occurs.

If changing screen sizes, keep in mind the following.

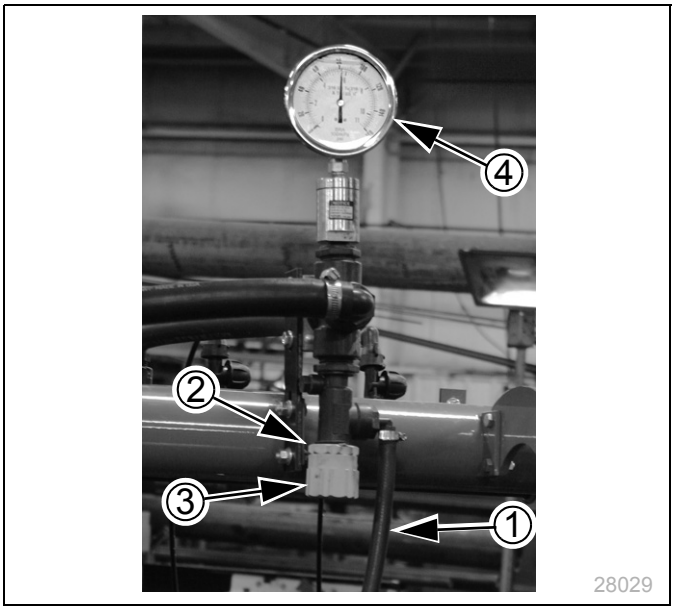
- A smaller mesh (100) will keep very small manifold orifice plates from plugging so often. However, the screen will have to be cleaned more often.
- A larger mesh (50) or (30) will pass more material but should only be considered when using large manifold orifice plates.
- A plugged or partially plugged screen will starve the pump resulting in a reduced application rate.
- Mesh sizes: (Smallest) 100, 80, 50, 30 (Largest)

Relief Valve

A relief valve is plumbed after the pump outlet to protect the manifold and pump from excessive pressure. Any product that dumps over the relief valve will discharge from the dump line (1).

To set relief valve:

1. Unlock plastic jam nut (2) from relief valve knob (3).
2. Unscrew knob clockwise until it loses contact with internal spring.
3. Screw knob counterclockwise two turns. Start at this setting.
4. Observe manifold gauge (4). Watch for relief valve discharge while operating in the field.



5. If valve is dumping product and gauge reads under 65 psi, stop tractor and turn knob clockwise (looking down) $^{1}/_{4}$ turn. Continue operating at normal field speed. Repeat this step as needed until no product is discharged from relief valve.
6. If pressure gauge reads above 65 psi, change to a larger orifice. Go to step 2. Repeat steps.

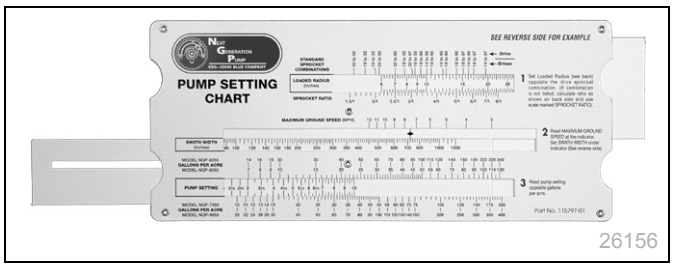
■ Ground Drive Fertilizer Rate

Coarse rate is set by a single driving sprocket (1) on the ground drive assembly.

Fine rate is set on a dial (setting hub) (2) at the pump (3), using a tool supplied with the pump.

Rate settings may be established in any of three ways:

- the charts on the next page,
- the slide chart provided with the pump, or;



- a calculator on the CDS-John Blue® Internet web site (www.cds-johnblue.com)

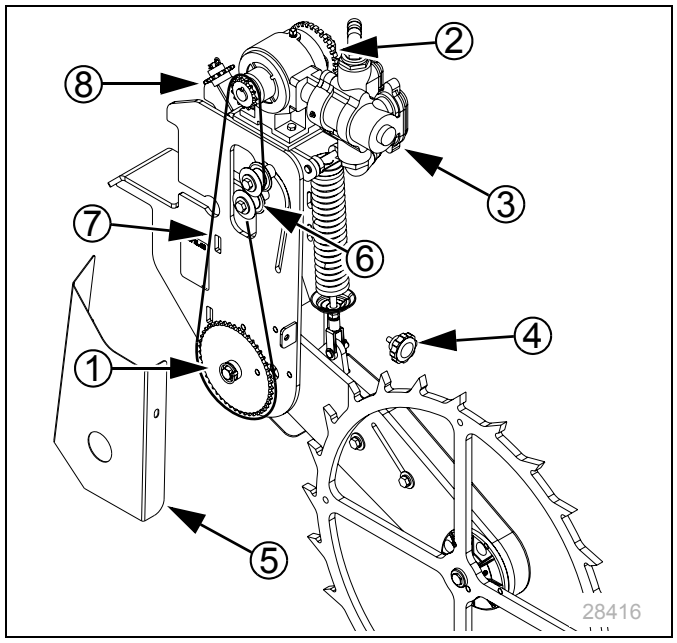
📖 **NOTE:**
When ordering a slide chart use the envelope number 115698-91.

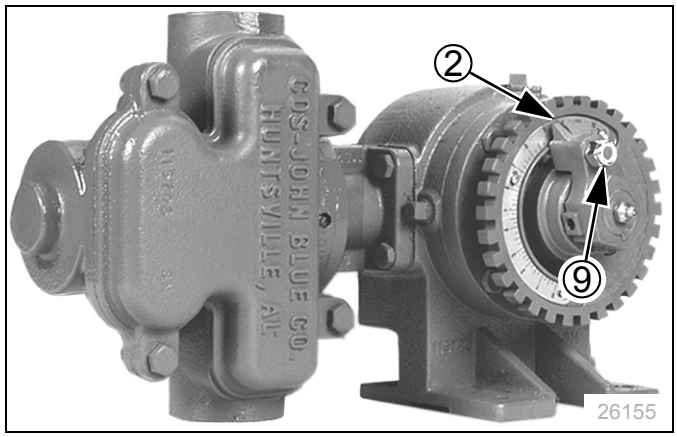
1. Check plumbing setup.
2. Determine driving sprocket (15T or 47T) required from the charts (page 104), slide chart, or web calculator. If this sprocket is already installed on driven shaft, skip to step 9. Otherwise, to change sprocket, continue with step 3.
3. Remove knob (4) and guard (5).
4. Loosen the idler (6), and remove chain (7) from lower jackshaft (1).
5. Select the new sprocket from the storage shaft (8). Remove the pins, and exchange sprockets. Store the previous sprocket on the storage shaft.
6. Remount the chain (7).
7. Engage the idler (6), tightening so that the longest span of the chain has $^1/_4$ inch (6 mm) of slack.
8. Install the guard (5) and secure with knob (4).

NOTICE

Material Loss / Pump Damage Risks:
Disconnect chain or remove sprocket when not intending to apply material. Contact wheel and chain system operate whenever the planter is lowered and in motion. If planting without fertilizing, the pump must not be allowed to run dry.

9. Use the box-wrench end of the John Blue 115681-01 tool, and loosen the setting pointer nut (9).
10. Use the other end of the tool to rotate the dial (2) to the setting determined by table, slide chart, or web.
11. Tighten the pointer nut.





CDS-John Blue® Fertilizer Rates

US customary units

This chart is based on nominal swaths of 360 inches (YP1225) or 480 inches (YP1625). Use the slide chart or internet calculator for more precise rate setting.

Gallons per Acre	YP1225 Driving Sprocket Dial Setting		YP1625 Driving Sprocket Dial Setting		Liters per Hectare
	15	47	15	47	
2			2.2		19
3	2.4		3.2		28
4	3.2		4.3		37
5	4.0		5.4		47
6	4.8		6.5	2.1	56
7	5.7		7.5	2.4	65
8	6.5	2.1	8.6	2.8	75
9	7.3	2.3	9.7	3.1	84
10	8.1	2.6		3.4	94
11	8.9	2.8		3.8	103
12	9.7	3.1		4.1	112
13		3.4		4.5	122
14		3.6		4.8	131
15		3.9		5.2	140
16		4.1		5.5	150
17		4.4		5.8	159
18		4.6		6.2	168
19		4.9		6.5	178
20		5.2		6.9	187
21		5.4		7.2	196
22		5.7		7.6	206
23		5.9		7.9	215
24		6.2		8.3	224
25		6.4		8.6	234
26		6.7		8.9	243
27		7.0		9.3	253
28		7.2		9.6	262
29		7.5		10.0	271
30		7.7			281
31		8.0			290
32		8.3			299
33		8.5			309
34		8.8			318
35		9.0			327
36		9.3			337
37		9.5			346
38		9.8			355

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Metric units

This chart is based on a nominal swath of 1120 cm (YP1625-1670).

YP1625-1670				
Liters per Hectare	Driving Sprocket Dial Setting 15	47	Liters per Hectare	Driving Sprocket 47 Dial Setting
20	2.1		160	5.4
25	2.6		165	5.6
30	3.2		170	5.7
35	3.7		175	5.9
40	4.2		180	6.1
45	4.8		185	6.2
50	5.3		190	6.4
55	5.8		195	6.6
60	6.3	2.0	200	6.8
65	6.9	2.2	205	6.9
70	7.4	2.4	210	7.1
75	7.9	2.5	215	7.3
80	8.5	2.7	220	7.4
85	9.0	2.9	225	7.6
90	9.5	3.0	230	7.8
95		3.2	235	7.9
100		3.4	240	8.1
105		3.5	245	8.3
110		3.7	250	8.4
115		3.9	255	8.6
120		4.1	260	8.8
125		4.2	265	8.9
130		4.4	270	9.1
135		4.6	275	9.3
140		4.7	280	9.5
145		4.9	285	9.6
150		5.1	290	9.8
155		5.2	295	10.0
160		5.4		

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CDS-John Blue® Reference Data

Use the data below with the CDS-John Blue® 115797-01 slide chart or with the CDS-John Blue® internet calculator.

NOTICE

Equipment Damage Risk:
Plant at or below 8 mph (13 km/h) with the 47T Driving sprocket installed. The pump is rated for 450 rpm maximum, which is exceeded at and above 9 mph (14 km/h).

Pump Type	(•) Piston Pump NGP-6050 Series	
Data Preference	(•) <user-specified>	
Application Rate	<user-specified>	
Drive System	(•) Ground Drive Loaded Radius: 17.55 in. (44.58 cm)	
Swath Width	YP1225-1230	360 in.
	YP1225-16TR36	288 in.
	YP1225-1820	360 in.
	YP1225-20TR36	360 in.
	YP1225-2315	345 in.
	YP1225-24TR	360 in.
	YP1625-1236	432 in.
	YP1625-1630	480 in.
	YP1625-1670	1120 cm
	YP1625-2420	480 in.
	YP1625-24TR36	432 in.
	YP1625-3115	465 in.
	YP1625-32TR	480 in.

Drive		**Driven**	
(Required):	25	(Required):	15
(Optional):	15 or 47	(Optional):	15
(Optional):	—	(Optional):	—
(Optional):	—	(Optional):	—
Sprocket Ratio (for slide chart)		Driving 15T:	1.67
		Driving 47T:	5.22
Ground Speed		5 mph* / 8 km/h	

* Gallons per acre is independent of speed between 2 mph and 8 mph (3-13 km/h).

Appendix A - Seed Lubricants

Air-Pro® Meters (all seeds)

Ezee Glide Plus Talc+Graphite Mix

821-069C bucket, 5 gallon (19 liter)

To maximize performance of Great Plains metering systems, it is imperative to use only “Ezee Glide Plus” lubricant. “Ezee Glide Plus” Talc-Graphite lubricant is mandatory for all seeds, especially treated or inoculated seed. *Thorough mixing of seed and added lubricant is required.*

⚠ CAUTION

Irritation and Chronic Exposure Hazard:
Wear gloves. DO NOT use hands or any part of your body to mix seed lubricant. Wear a respirator when transferring and mixing. Avoid breathing lubricant dust. Not an acute hazard. May cause mechanical eye or skin irritation in high concentrations. As with all mineral spills, minimize dusting during clean-up. Prolonged inhalation may cause lung injury. Product can become slippery when wet.

Recommended usage:

For clean seeds other than milo, cotton, and sunflowers sprinkle one cup of Ezee Glide Plus Talc per 4 bushels or units (170 ml per 100 liters) of seed.

For milo, cotton, and sunflowers double the application to one cup (or more) per 2 bushels or units (335 ml per 100 liters) of seed.

For canola or mustard, 1 cup (240 ml) per 30 pound (13.6 kg) bag is a minimum starting value. Mix the seed lubricant early during the seed loading. Use more lubricant in extremely dry conditions.

Adjust this rate as necessary so all seeds become coated while avoiding an accumulation of lubricant in the bottom of the hopper.

For seed with excessive treatment, or for humid planting environments, increase the rate as needed for smooth meter operation.

Appendix B - Canola Field Update

If your planter requires an update, order one of the following kits per row:

Description	Part Number
AIR PRO METER CANOLA FIELD KIT	403-684A

NOTE:
The kit includes a 150 cell and 250 cell canola seed disk.

Tools Required

- soft lint-free cloth and non-abrasive window cleaner
- 100% clear silicone sealant
- basic hand tools
- current Parts Manual (401-625P) for parts ID

Update Preparation

1. Move planter to an area with adequate light, and a clear surface for recovery of any dropped parts.
2. Perform a seed meter clean-out.
3. For access to center rows, raise and fold planter.
4. Remove rain covers and seed disks from all rows.

See the planter Operator manual for detailed information.

Perform remaining steps one row at a time, so that you have unmodified and fully modified rows to compare to. Starting with the right-most row may be the easiest. On twin-row, locking up left rows of pairs may ease access.

Update Brushes

5. Rotate two brush holder snaps (1) securing the brush holder for the long strip brush (2), short strip brush (3), and the drop brush (4).
6. Remove and discard the old brushes. Save the brush holder.
7. Clean out brush slots in meter housing.

NOTE:
Older brushes do not meter reliably with the canola disk. Older brushes cannot be visually distinguished from new brushes.

8. Select one each:

Ref	Part Number	Description
2	891-118C	BRUSH, STRIP, LONG
3	891-119C	BRUSH, STRIP, SHORT
4	817-789C	BRUSH, SEED DROP

9. Install strip brushes in holder. Install holder and drop brush in meter. Ensure strip brushes are seated low in housing. Secure with snaps and bolts.

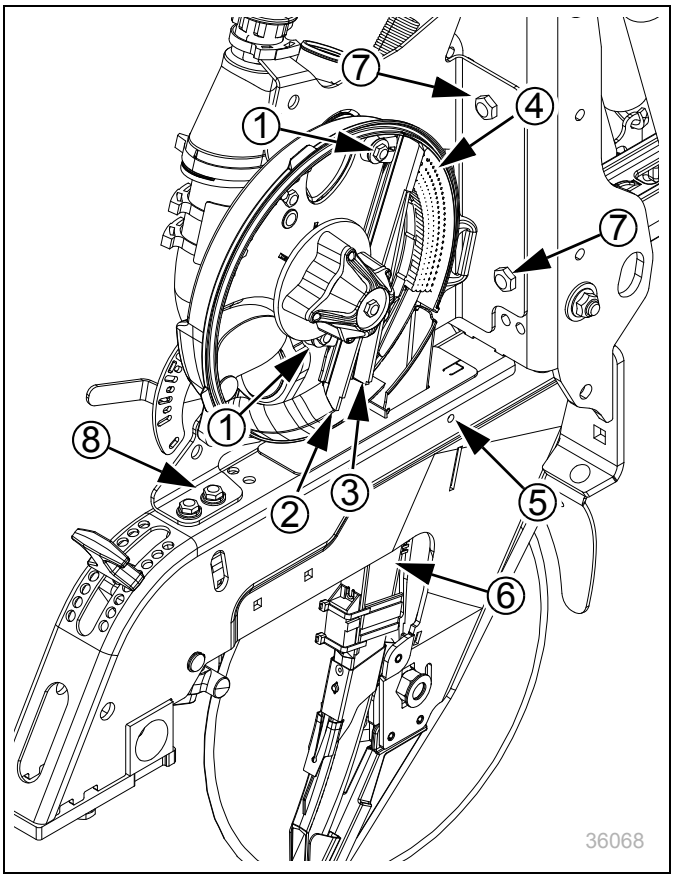
Loosen Meter

10. Remove the clevis pin (5) that secures the seed tube (6) to the opener shank. This pin is secured by a cotter pin on the left side (not shown). Save both pins.

NOTE:
It is not necessary to disconnect the meter chain, hoses or any sense line tubing.

11. Remove and save two mounting bolts (7) and the front bolt (8) securing the meter mount to the opener shank. Loosen the rear bolt.
12. Move meter mount to left and rear.

NOTE:
This illustration shows the row with rain cover and seed disk removed, and for clarity, the right gauge wheel and opener disk is removed. It is not necessary to remove the gauge wheel and disk for this update.



■ Update Seed Tube

13. Remove and save the seed tube gasket (9).

🕮 **NOTE:**
If the planter has Row-Pro™ servo down-pressure, several rows have an extra cable from load cell to harness that routes through the gasket. It is not possible to completely remove the gasket on these rows. Slide the gasket up out of the way.

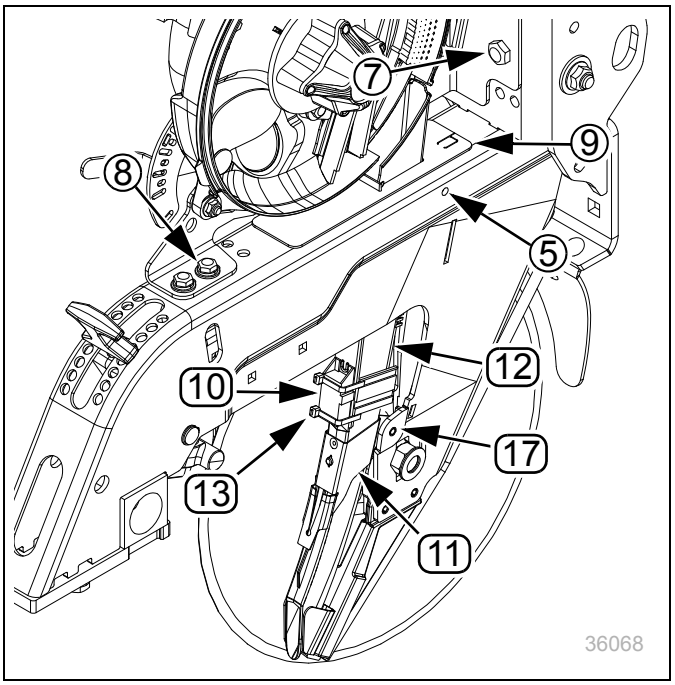
14. Pull the old seed tube up and out of the opener shank. Be careful to not damage the extra cable on rows with Row-Pro™ load cells. The seed sensor (10) and its cable, and seed tube hook clip (11) will come out with the seed tube.
15. Note how the sensor is aligned on the tube. Cut the cable ties securing the seed sensor to the seed tube. Remove and save the sensor components.
16. Remove and save the seed tube hook clip.
17. Discard the seed tube.

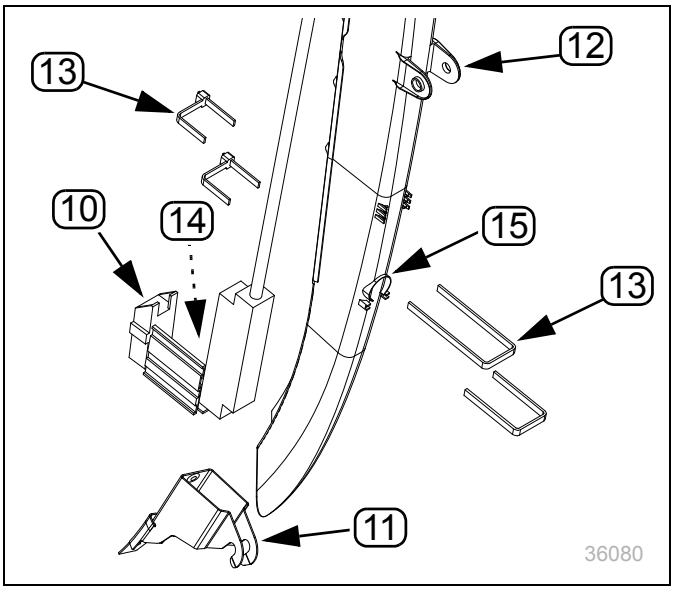
🕮 **NOTE:**
Older seed tubes do not support detection (including blockage detection) of very small seeds.

18. Select one:

Ref	Part Number	Description
12	817-827C	SEED TUBE AIRMETER 25 SER
13	800-244C	CABLE TIE .19X15 PANDU BT4S-C0

19. Clean and dry the face (14) of the sensor receiver. This may require carefully removing existing silicone sealant. Clean and dry the front face of the sensor locating ring (15) on the new tube.
20. Apply a generous dab of clear silicone sealant to the front (outside) face (15) of the sensor locating ring. Avoid introducing any air bubbles.
21. Attach the saved seed sensor to the new seed tube. Secure with new ties.
22. Snap the saved seed tube hook clip on the new seed tube. Verify that the rear center hole in the clip is over the alignment stud on the seed tube.
23. Insert the new seed tube assembly into the shank. Take care not to snag any Row-Pro™ load cell cable present. Note that a lower hook on the seed tube hook clip needs to engage a pin (17).
24. Secure seed tube with clevis pin (5) and cotter.
25. Re-install the saved seed tube gasket.
26. Swing meter assembly back into position. Secure with the four bolts.
27. Install seed disk. Install rain cover.





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