Great Plains
Manufacturing, Inc.
www.greatplainsmfg.com

Seed Rate Charts for 12 and 16 Row Yield-Pro® Planter

For Yield-Pro® 1225 Manufactured S/N A1055K-
For Yield-Pro® 1625 Manufactured S/N A1103B-

The following pages are to assist in the proper setting of planting rates for the 12 and 16 Row Yield-Pro® Planter. The rates indicated in the charts are approximate values. To assure the most accurate planting rate it is recommended that the planter be calibrated for the desired seed at the time of planting.

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Planting Rate

Adjusting the planting rate requires the following:

1. adjusting drive speed range sprockets,
2. adjusting transmission sprockets,
3. preparing seed meters,
4. checking planting rate.

Before setting the planting rate, rotate the gauge wheel. Check that seed meters, seed tubes and drives are working properly and free from foreign material.

Drive Speed Range Sprockets

Select the correct drive speed range sprockets for your seed by referring to the “Seed Rate Charts,” starting on page 19.

Refer to Figure 1

Loosen idler (1) and remove chain (2). Remove retaining pins (3) from 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.

Reroute chain over sprockets and idlers as shown. Move idler into chain so chain has 1/4-inch slack in its longest span. Tighten idler and install retaining pins.

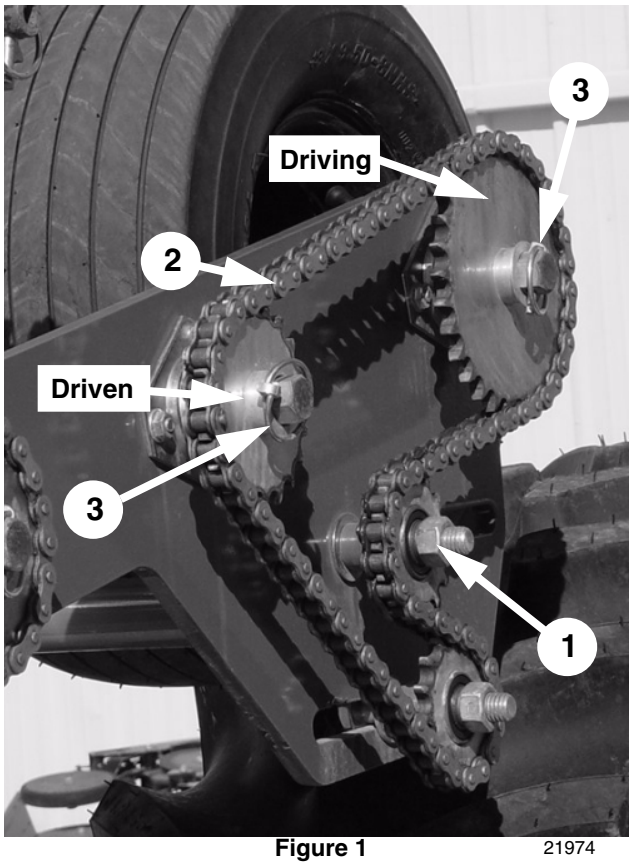

Figure 1 21974
Drive Speed Range Sprockets Adjustment

Transmission Sprockets

To change the planting rate, change the transmission sprocket combination. Refer to “Seed Rate Charts,” starting on page 19.

Refer to Figure 2

Loosen idler (1) and remove drive chain (2). Remove lynch pins (3) from shafts and rearrange driving and driven sprockets as necessary.

Reroute drive chain over sprockets and idlers as shown. Move idlers into chain so chain has 1/4-inch slack in its longest span. Tighten idlers and install lynch pins.

Note: For seed rate calibration refer to “Check Singulated Planting Rate,” on the next page.

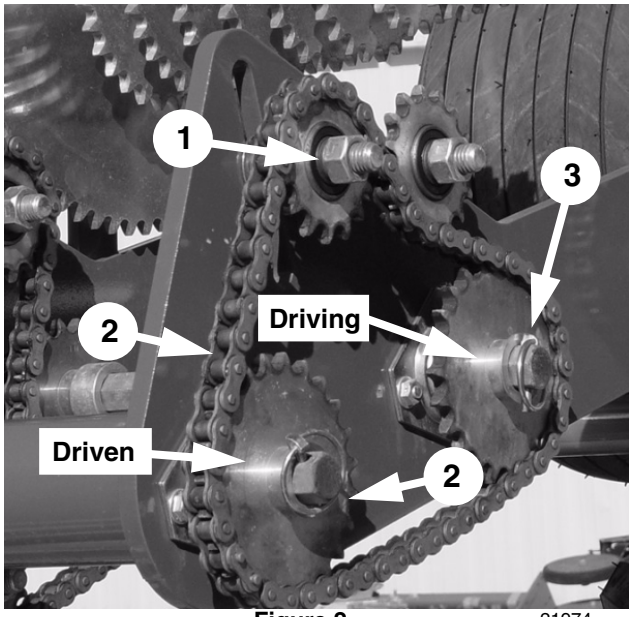

Figure 2 21974
Transmission Sprockets Adjustment

Checking Singulated Planting Rate
The seed charts are based on cleaned and sized seed. Extreme seed size variations, foreign material and tire pressure will affect the planting rate. Check the seed population rate as described below.

1. Adjust the planting depth to a shallow setting.
2. Plant at the desired planting speed for a short distance.
3. Using the table below, determine how many rows need to be counted.
4. Measure a distance, according to the table, for the row spacing in the planted area.
5. Count the number of seeds, in the appropriate number of rows, over the distance measured.
6. Multiply the number of seeds counted by 200 if measuring for 1/200 acre or 1,000 if measuring for 1/1,000 acre. This is the plant population in seeds per acre.

Example 1: Single Row

If you have a 10" row spacing planter, according to the chart, three rows must be counted. Measure 17'5" and count the number of seeds in three rows. If the number is, for example, 180, multiply 180 by 1,000.

180 X 1,000 = 180,000 seeds per acre.

Example 2: Twin Row

If you have a Twin Row 30" spacing planter, according to the chart, both rows of the twin row must be counted. Measure 87'1" and count the number of seeds in the parallel row. If the number is, for example, 170, multiply by 200.

170 X 200 = 34,000 seeds per acre

NOTE: Count Twin Row as one row.

7. If the planting population is significantly different than desired, make the following checks:
   - Double check the transmission and range sprocket combinations. Refer to the seed population chart for the seed being planted.
   - Check the air pressure in the gauge wheel tire. Refer to "Tire Inflation Chart" in the operator's manual.
   - Refer to *Troubleshooting* on in the operator's manual.

Seed rate charts
Seed rate charts begin on page 8. The charts give transmission sprocket combination and drive range sprockets for row spacing used, to achieve the population or pounds per acre desired. The charts also give seed spacing for singulated seed and maximum planting speed for both singulated and volumetric seeds.

Each seed chart has a corresponding page showing the different drive ranges for that seed and a transmission sprocket reference.

Planted row spacing (inches)	Number of rows to count	Length of row to measure for 1/1,000 acre	Length of row to measure for 1/200 acre
7 1/2"	4	17'5"	
9 1/2"	3	18'4"	
10"	3	17'5"	
15"	2	17' 5"	87'1"
19"	2	13'9"	68'9"
20"	1	26' 2"	130'8"
Twin Row 30" or 30"	1**	17' 5"	87'1"
Twin Row 36" or 36"	1**	14'6"	72'7"
Twin Row 38" or 38"	1**	13'9"	68'9"
Twin Row 40" or 40"	1**	13'1"	65'4"
15" Skip Row or 17 1/7	2	15'3"	76'3"

** Count Twin Row as one row.

NOTE: Use 1/200 acre for populations less than 100,000 seeds/acre. Use 1/1,000 acre for populations above 100,000 seeds/acre.

Fertilizer Rate Charts

Refer to Figure 3

NOTE: Drive Type 1 uses one 17T (40') or 23T (30') tooth pump sprocket and changes sprockets on the driving (clutch) shaft to adjust rate.

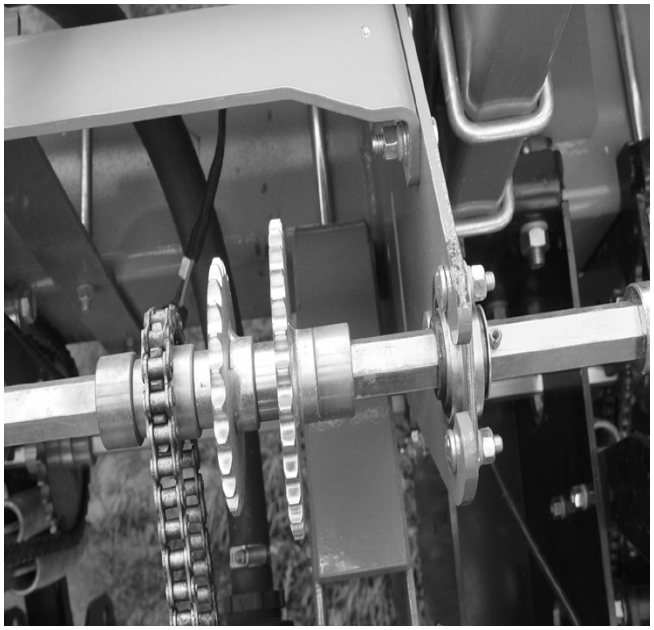

Figure 3 23130

DRIVE TYPE 1 USES ONE 17T (40') OR 23T (30') TOOTH PUMP SPROCKET AND CHANGES SPROCKETS ON THE DRIVING (CLUTCH) SHAFT TO ADJUST RATE
DRIVE TYPE 2 USES ONE 23T (30') OR 30T (40') TOOTH SPROCKET ON THE DRIVING (CLUTCH) SHAFT AND CHANGES PUMP SPROCKETS TO ADJUST RATE

DRIVE TYPE 1	FERTILIZER RATE CHART FOR 30 INCH ROW, 12 CELL FINGER PICKUP METERS AND ALSO FOR 30 INCH TWIN ROW, 6 CELL FINGER PICKUP METERS USING 17 TOOTH (40') OR 23 TOOTH (30') PUMP SPROCKET AND LISTED CLUTCH SHAFT DRIVING SPROCKET										
PUMP	POPULATION										
DRIVING	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET	FERTILIZER RATE IN GALLONS PER ACRE										
15	3.03	3.33	3.63	3.93	4.24	4.54	4.84	5.14	5.45	5.75	6.05
24	4.84	5.32	5.81	6.29	6.78	7.26	7.74	8.23	8.71	9.20	9.68
30	6.05	6.66	7.26	7.87	8.47	9.08	9.68	10.29	10.89	11.50	N/R

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = DESIRED FERT RATE * 99167 / POPULATION

DRIVE TYPE 1	FERTILIZER RATE CHART FOR 20 INCH ROW, 12 CELL FINGER PICKUP METERS USING 17 TOOTH (40') OR 23 TOOTH (30') PUMP SPROCKET AND LISTED CLUTCH SHAFT DRIVING SPROCKET										
PUMP	POPULATION										
DRIVING	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET	FERTILIZER RATE IN GALLONS PER ACRE										
15	2.02	2.22	2.42	2.62	2.82	3.03	3.23	3.43	3.63	3.83	4.03
24	3.23	3.55	3.87	4.20	4.52	4.84	5.16	5.49	5.81	6.13	6.45
30	4.03	4.44	4.84	5.24	5.65	6.05	6.45	6.86	7.26	7.66	8.07

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = DESIRED FERT RATE * 148750 / POPULATION

DRIVE TYPE 1	FERTILIZER RATE CHART FOR 30 INCH ROW, 6 CELL FINGER PICKUP METERS USING 17 TOOTH (40') OR 23 TOOTH (30') PUMP SPROCKET AND LISTED CLUTCH SHAFT DRIVING SPROCKET										
PUMP	POPULATION										
DRIVING	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET	FERTILIZER RATE IN GALLONS PER ACRE										
15	6.05	6.66	7.26	7.87	8.47	9.08	9.68	10.29	10.89	11.50	N/R
24	9.68	10.65	11.62	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
30	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = DESIRED FERT RATE * 49583 / POPULATION

Refer to Figure 4

NOTE: Drive Type 2 uses one 30T (40') or 23T (30') sprocket on the driving (clutch) shaft and changes pump sprockets to adjust rate.

Figure 4 23131

DRIVE TYPE 2	FERTILIZER RATE CHART FOR 30 INCH ROW, 12 CELL FINGER PICKUP METERS AND ALSO FOR 30 INCH TWIN ROW, 6 CELL FINGER PICKUP METERS USING 30 TOOTH (40') or 23 TOOTH (30') CLUTCH SHAFT DRIVING SPROCKET AND LISTED PUMP SPROCKET									
PUMP	POPULATION									
DRIVEN	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET	FERTILIZER RATE IN GALLONS PER ACRE										
30	3.43	3.77	4.11	4.46	4.80	5.14	5.49	5.83	6.17	6.51	6.86
24	4.29	4.71	5.14	5.57	6.00	6.43	6.86	7.29	7.71	8.14	8.57
17	6.05	6.66	7.26	7.87	8.47	9.08	9.68	10.29	10.89	11.50	N/R

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = POPULATION/(DESIRED RATE*194.44)

DRIVE TYPE 2	FERTILIZER RATE CHART FOR 20 INCH ROW, 12 CELL FINGER PICKUP METERS USING 30 TOOTH (40') or 23 TOOTH (30') CLUTCH SHAFT DRIVING SPROCKET AND LISTED PUMP SPROCKET									
PUMP	POPULATION									
DRIVEN	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET											
30	2.29	2.51	2.74	2.97	3.20	3.43	3.66	3.89	4.11	4.34	4.57
24	2.86	3.14	3.43	3.71	4.00	4.29	4.57	4.86	5.14	5.43	5.71
17	4.03	4.44	4.84	5.24	5.65	6.05	6.45	6.86	7.26	7.66	8.07

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = POPULATION/(DESIRED RATE*291.65)

DRIVE TYPE 2	FERTILIZER RATE CHART FOR 36 INCH ROW, 12 CELL FINGER PICKUP METERS AND ALSO FOR 36 INCH TWIN ROW, 6 CELL FINGER PICKUP METERS USING 30 TOOTH (40') or 23 TOOTH (30') CLUTCH SHAFT DRIVING SPROCKET AND LISTED PUMP SPROCKET									
PUMP	POPULATION									
DRIVEN	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
SPROCKET											
30	4.39	4.83	5.27	5.71	6.14	6.58	7.02	7.46	7.90	8.34	8.78
24	5.49	6.03	6.58	7.13	7.68	8.23	8.78	9.33	9.87	10.42	10.97
17	7.74	8.52	9.29	10.07	10.84	11.62	12.39	N/R	N/R	N/R	N/R

FOR DRIVE SPROCKETS NOT LISTED USE: REQUIRED SPROCKET = POPULATION/(DESIRED RATE*145.82)

Orifice Size Chart

Suggested Orifice Size for Given Rate		15"/ Twin Row	20" Rows	30" Rows
Gallons per Acre at 5 MPH	**3.0**	20	28	34
	4.0	20	28	34
	5.0	28	28	34
	6.0	28	34	48
	7.0	28	34	48
	8.0	34	34	48
	9.0	34	34	48
	10.0	34	48	48

IMPORTANT: Orifice size is only used to create 15-65 PSI back pressure to provide even flow between rows. Set application rate in gallons per acre using pump drive chart.

Great Plains Part Numbers:20=832-052C, 28=832-056C, 34=832-053C, 48=832-054C, 80=832-055C

Seed Rate Charts for Precision Meters

Seed Rate Application Charts for Precision Meters

Talc Lubricant (P/N: 821-046C)

IMPORTANT!

Great Plains "Ezee Glide" talc is 100% natural talc. Use only Great Plains "Ezee Glide" brand talc for optimum seed flow.

"Ezee Glide" Talc lubricant is mandatory for all seeds, especially treated or inoculated seed.

Recommended usage:

For clean seeds sprinkle (1) one cup of talc per 9 bushels of seed. Adjust this rate as necessary so all seeds become coated while avoiding an accumulation of talc 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.

CAUTION

Thorough mixing of seed and added lubricant is required. DO NOT use hands or any part of your body to mix talc lubricant.

Graphite Lubricant (P/N: 821-042C)

IMPORTANT!

For Milo Planting Only
Powdered graphite must be mixed with the milo seed in combination with talc for proper seed singulation.

Recommended usage:

For clean seeds sprinkle (1) one cup of graphite per 9 bushels of seed.

For seed with excessive treatment, or for humid planting environments, double or triple graphite rate as needed.

CAUTION

Do not use hands or any part of your body to mix graphite lubricant.

YIELD PRO 1225 - 1625

403-127D Round Corn 1400-1900 Kernels/lb.
403-128D Round Corn 1700-2200 Kernels/lb.
403-131D Flat Corn 1500-1675 Kernels/lb.
403-132D Flat Corn 1625-1800 Kernels/lb.

30" TWIN ROW CORN

Precision Meter
28 cell wheel
TALC REQUIRED

		Twin Row 30"		
		Range Sprockets: Driver = **15** Driven = **60**		
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)
17	28	**15,524**	26.9	8
17	27	**16,099**	26.0	8
17	26	**16,718**	25.0	8
19	28	**17,351**	24.1	8
17	25	**17,387**	24.1	8
19	27	**17,993**	23.2	8
17	24	**18,112**	23.1	8
19	26	**18,685**	22.4	8
17	23	**18,899**	22.1	8
19	25	**19,433**	21.5	8
19	24	**20,242**	20.7	8
23	28	**21,003**	19.9	8
19	23	**21,122**	19.8	8
23	27	**21,781**	19.2	8
24	28	**21,916**	19.1	8
23	26	**22,619**	18.5	8
24	27	**22,728**	18.4	8
25	28	**22,830**	18.3	8
17	19	**22,878**	18.3	8
23	25	**23,524**	17.8	8
24	26	**23,602**	17.7	8
25	27	**23,675**	17.7	8
26	28	**23,743**	17.6	8
23	24	**24,504**	17.1	8
24	25	**24,546**	17.0	8
25	26	**24,586**	17.0	8
26	27	**24,622**	17.0	8
27	28	**24,656**	17.0	8
23	23	**25,569**	16.4	8
28	27	**26,516**	15.8	8
27	26	**26,553**	15.7	8
26	25	**26,592**	15.7	8
25	24	**26,635**	15.7	8
24	23	**26,681**	15.7	8
28	26	**27,536**	15.2	8
27	25	**27,615**	15.1	8
26	24	**27,700**	15.1	8
25	23	**27,793**	15.0	7
19	17	**28,577**	14.6	7
28	25	**28,638**	14.6	7
27	24	**28,765**	14.5	7
26	23	**28,904**	14.5	7
28	24	**29,831**	14.0	7
27	23	**30,016**	13.9	7
23	19	**30,952**	13.5	7
28	23	**31,128**	13.4	7
24	19	**32,298**	12.9	6
25	19	**33,644**	12.4	6
23	17	**34,594**	12.1	6
26	19	**34,989**	12.0	6
24	17	**36,098**	11.6	6
27	19	**36,335**	11.5	6
25	17	**37,602**	11.1	5
28	19	**37,681**	11.1	5
26	17	**39,106**	10.7	5
27	17	**40,610**	10.3	5
28	17	**42,114**	9.9	5

	Twin Row 30"	
	Range Sprockets: Driver = **20** Driven = **60**	
Seed **Population**	Seed Spacing	Maximum Planting Speed
(seeds/acre)	(inches)	(mph)
20,699	20.2	8
21,466	19.5	8
22,291	18.8	8
23,134	18.1	8
23,183	18.0	8
23,991	17.4	8
24,149	17.3	8
24,914	16.8	8
25,199	16.6	8
25,910	16.1	8
26,990	15.5	8
28,004	14.9	7
28,163	14.8	7
29,042	14.4	7
29,222	14.3	7
30,159	13.9	7
30,304	13.8	7
30,440	13.7	7
30,504	13.7	7
31,365	13.3	7
31,470	13.3	7
31,567	13.2	7
31,657	13.2	7
32,672	12.8	6
32,729	12.8	6
32,781	12.8	6
32,830	12.7	6
32,875	12.7	6
34,092	12.3	6
35,355	11.8	6
35,404	11.8	6
35,456	11.8	6
35,513	11.8	6
35,575	11.8	6
36,715	11.4	6
36,820	11.4	6
36,933	11.3	6
37,057	11.3	5
38,103	11.0	5
38,183	11.0	5
38,354	10.9	5
38,539	10.9	5
39,774	10.5	5
40,021	10.4	5
41,270	10.1	5
41,504	10.1	5
43,064	9.7	5
44,858	9.3	4
46,125	9.1	4
46,653	9.0	4
48,130	8.7	4
48,447	8.6	4
50,136	8.3	4
50,241	8.3	4
52,141	8.0	4
54,147	7.7	4
56,152	7.4	3

YIELD PRO 1225 - 1625

36" TWIN ROW CORN

403-127D Round Corn 1400-1900 Kernels/lb.
403-128D Round Corn 1700-2200 Kernels/lb.
403-131D Flat Corn 1500-1675 Kernels/lb.
403-132D Flat Corn 1625-1800 Kernels/lb.

Precision Meter
28 cell wheel
TALC REQUIRED

		Twin Row 36"				Twin Row 36"		
		Range Sprockets: Driver = **18** Driven = **60**				Range Sprockets: Driver = **20** Driven = **60**		
Transmission Combinations Driver	Driven	Seed **Population** (seeds/acre)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed **Population** (seeds/acre)	Seed Spacing (inches)	Maximum Planting Speed (mph)
17	28	**15,524**	22.4	8	**17,249**	20.2	8
17	27	**16,099**	21.6	8	**17,888**	19.5	8
17	26	**16,718**	20.8	8	**18,576**	18.8	8
19	28	**17,351**	20.1	8	**19,278**	18.1	8
17	25	**17,387**	20.0	8	**19,319**	18.0	8
19	27	**17,993**	19.4	8	**19,992**	17.4	8
17	24	**18,112**	19.2	8	**20,124**	17.3	8
19	26	**18,685**	18.7	8	**20,761**	16.8	8
17	23	**18,899**	18.4	8	**20,999**	16.6	8
19	25	**19,433**	17.9	8	**21,592**	16.1	8
19	24	**20,242**	17.2	8	**22,491**	15.5	8
23	28	**21,003**	16.6	8	**23,337**	14.9	7
19	23	**21,122**	16.5	8	**23,469**	14.8	7
23	27	**21,781**	16.0	8	**24,201**	14.4	7
24	28	**21,916**	15.9	8	**24,352**	14.3	7
23	26	**22,619**	15.4	8	**25,132**	13.9	7
24	27	**22,728**	15.3	8	**25,254**	13.8	7
25	28	**22,830**	15.3	8	**25,366**	13.7	7
17	19	**22,878**	15.2	8	**25,420**	13.7	7
23	25	**23,524**	14.8	7	**26,137**	13.3	7
24	26	**23,602**	14.8	7	**26,225**	13.3	7
25	27	**23,675**	14.7	7	**26,306**	13.2	7
26	28	**23,743**	14.7	7	**26,381**	13.2	7
23	24	**24,504**	14.2	7	**27,227**	12.8	6
24	25	**24,546**	14.2	7	**27,274**	12.8	6
25	26	**24,586**	14.2	7	**27,318**	12.8	6
26	27	**24,622**	14.2	7	**27,358**	12.7	6
27	28	**24,656**	14.1	7	**27,396**	12.7	6
23	23	**25,569**	13.6	7	**28,410**	12.3	6
28	27	**26,516**	13.1	6	**29,463**	11.8	6
27	26	**26,553**	13.1	6	**29,503**	11.8	6
26	25	**26,592**	13.1	6	**29,547**	11.8	6
25	24	**26,635**	13.1	6	**29,594**	11.8	6
24	23	**26,681**	13.1	6	**29,646**	11.8	6
28	26	**27,536**	12.7	6	**30,596**	11.4	6
27	25	**27,615**	12.6	6	**30,683**	11.4	6
26	24	**27,700**	12.6	6	**30,778**	11.3	6
25	23	**27,793**	12.5	6	**30,881**	11.3	5
19	17	**28,577**	12.2	6	**31,753**	11.0	5
28	25	**28,638**	12.2	6	**31,820**	11.0	5
27	24	**28,765**	12.1	6	**31,962**	10.9	5
26	23	**28,904**	12.1	6	**32,116**	10.9	5
28	24	**29,831**	11.7	6	**33,145**	10.5	5
27	23	**30,016**	11.6	6	**33,351**	10.4	5
23	19	**30,952**	11.3	5	**34,391**	10.1	5
28	23	**31,128**	11.2	5	**34,586**	10.1	5
24	19	**32,298**	10.8	5	**35,887**	9.7	5
25	19	**33,644**	10.4	5	**37,382**	9.3	4
23	17	**34,594**	10.1	5	**38,437**	9.1	4
26	19	**34,989**	10.0	5	**38,877**	9.0	4
24	17	**36,098**	9.7	5	**40,109**	8.7	4
27	19	**36,335**	9.6	5	**40,372**	8.6	4
25	17	**37,602**	9.3	4	**41,780**	8.3	4
28	19	**37,681**	9.2	4	**41,868**	8.3	4
26	17	**39,106**	8.9	4	**43,451**	8.0	4
27	17	**40,610**	8.6	4	**45,122**	7.7	4
28	17	**42,114**	8.3	4	**46,793**	7.4	3

YIELD PRO 1225 - 1625 **COTTON - 30" TWIN ROW & 30" ROWS**

403-133D 4000-4600 seeds/lb
403-134D 4600-5200 seeds/lb
403-135D 5200-6000 seeds/lb

Precision Meter
120 Cell Wheel
TALC REQUIRED

		Twin Row 30"		
		Range Sprockets: Driver = **15** Driven = **60**		
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)
17	28	**66,532**	6.3	8
17	27	**68,996**	6.1	8
17	26	**71,650**	5.8	8
19	28	**74,360**	5.6	8
17	25	**74,516**	5.6	8
19	27	**77,114**	5.4	8
17	24	**77,621**	5.4	8
19	26	**80,080**	5.2	8
17	23	**80,996**	5.2	8
19	25	**83,283**	5.0	8
19	24	**86,753**	4.8	8
23	28	**90,014**	4.6	8
19	23	**90,525**	4.6	8
23	27	**93,348**	4.5	8
24	28	**93,928**	4.5	8
23	26	**96,938**	4.3	8
24	27	**97,407**	4.3	8
25	28	**97,842**	4.3	8
17	19	**98,047**	4.3	8
23	25	**100,816**	4.1	8
24	26	**101,153**	4.1	8
25	27	**101,465**	4.1	8
26	28	**101,755**	4.1	8
23	24	**105,017**	4.0	8
24	25	**105,199**	4.0	8
25	26	**105,368**	4.0	8
26	27	**105,524**	4.0	8
27	28	**105,669**	4.0	8
23	23	**109,582**	3.8	8
28	27	**113,641**	3.7	8
27	26	**113,797**	3.7	8
26	25	**113,966**	3.7	8
25	24	**114,148**	3.7	8
24	23	**114,347**	3.7	8
28	26	**118,012**	3.5	8
27	25	**118,349**	3.5	8
26	24	**118,714**	3.5	8
25	23	**119,111**	3.5	8
19	17	**122,475**	3.4	8
28	25	**122,732**	3.4	8
27	24	**123,280**	3.4	8
26	23	**123,876**	3.4	8
28	24	**127,846**	3.3	8
27	23	**128,640**	3.3	8
23	19	**132,652**	3.2	7
28	23	**133,405**	3.1	7
24	19	**138,420**	3.0	7
25	19	**144,187**	2.9	7
23	17	**148,259**	2.8	7
26	19	**149,955**	2.8	6
24	17	**154,705**	2.7	6
27	19	**155,722**	2.7	6
25	17	**161,151**	2.6	6
28	19	**161,490**	2.6	6
26	17	**167,597**	2.5	6
27	17	**174,043**	2.4	6
28	17	**180,489**	2.3	5

	30" Row Spacing	
	Range Sprockets: Driver = **15** Driven = **60**	
Seed **Population**	Seed Spacing	Maximum Planting Speed
(seeds/acre)	(inches)	(mph)
33,266	6.3	8
34,498	6.1	8
35,825	5.8	8
37,180	5.6	8
37,258	5.6	8
38,557	5.4	8
38,810	5.4	8
40,040	5.2	8
40,498	5.2	8
41,641	5.0	8
43,376	4.8	8
45,007	4.6	8
45,262	4.6	8
46,674	4.5	8
46,964	4.5	8
48,469	4.3	8
48,703	4.3	8
48,921	4.3	8
49,024	4.3	8
50,408	4.1	8
50,577	4.1	8
50,733	4.1	8
50,878	4.1	8
52,508	4.0	8
52,600	4.0	8
52,684	4.0	8
52,762	4.0	8
52,834	4.0	8
54,791	3.8	8
56,821	3.7	8
56,899	3.7	8
56,983	3.7	8
57,074	3.7	8
57,173	3.7	8
59,006	3.5	8
59,175	3.5	8
59,357	3.5	8
59,556	3.5	8
61,237	3.4	8
61,366	3.4	8
61,640	3.4	8
61,938	3.4	8
63,923	3.3	8
64,320	3.3	8
66,326	3.2	7
66,702	3.1	7
69,210	3.0	7
72,094	2.9	7
74,129	2.8	7
74,977	2.8	6
77,352	2.7	6
77,861	2.7	6
80,575	2.6	6
80,745	2.6	6
83,798	2.5	6
87,021	2.4	6
90,244	2.3	5

YIELD PRO 1225 - 1625

COTTON - 36" TWIN ROW & 36" ROWS

403-133D 4000-4600 seeds/lb
403-134D 4600-5200 seeds/lb
403-135D 5200-6000 seeds/lb

Precision Meter
120 Cell Wheel
TALC REQUIRED

		Twin Row 36"		
		Range Sprockets: Driver = **15** Driven = **60**		
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)
17	28	**55,444**	6.3	8
17	27	**57,497**	6.1	8
17	26	**59,708**	5.8	8
19	28	**61,966**	5.6	8
17	25	**62,097**	5.6	8
19	27	**64,261**	5.4	8
17	24	**64,684**	5.4	8
19	26	**66,733**	5.2	8
17	23	**67,496**	5.2	8
19	25	**69,402**	5.0	8
19	24	**72,294**	4.8	8
23	28	**75,012**	4.6	8
19	23	**75,437**	4.6	8
23	27	**77,790**	4.5	8
24	28	**78,273**	4.5	8
23	26	**80,782**	4.3	8
24	27	**81,172**	4.3	8
25	28	**81,535**	4.3	8
17	19	**81,706**	4.3	8
23	25	**84,013**	4.1	8
24	26	**84,294**	4.1	8
25	27	**84,554**	4.1	8
26	28	**84,796**	4.1	8
23	24	**87,514**	4.0	8
24	25	**87,666**	4.0	8
25	26	**87,806**	4.0	8
26	27	**87,937**	4.0	8
27	28	**88,057**	4.0	8
23	23	**91,319**	3.8	8
28	27	**94,701**	3.7	8
27	26	**94,831**	3.7	8
26	25	**94,971**	3.7	8
25	24	**95,124**	3.7	8
24	23	**95,289**	3.7	8
28	26	**98,343**	3.5	8
27	25	**98,624**	3.5	8
26	24	**98,929**	3.5	8
25	23	**99,260**	3.5	8
19	17	**102,062**	3.4	8
28	25	**102,277**	3.4	8
27	24	**102,734**	3.4	8
26	23	**103,230**	3.4	8
28	24	**106,539**	3.3	8
27	23	**107,200**	3.3	8
23	19	**110,544**	3.2	7
28	23	**111,171**	3.1	7
24	19	**115,350**	3.0	7
25	19	**120,156**	2.9	7
23	17	**123,549**	2.8	7
26	19	**124,962**	2.8	6
24	17	**128,921**	2.7	6
27	19	**129,769**	2.7	6
25	17	**134,292**	2.6	6
28	19	**134,575**	2.6	6
26	17	**139,664**	2.5	6
27	17	**145,036**	2.4	6
28	17	**150,407**	2.3	5

	36" Row Spacing	
	Range Sprockets: Driver = **15** Driven = **60**	
Seed **Population** (seeds/acre)	Seed Spacing (inches)	Maximum Planting Speed (mph)
27,722	6.3	8
28,748	6.1	8
29,854	5.8	8
30,983	5.6	8
31,048	5.6	8
32,131	5.4	8
32,342	5.4	8
33,366	5.2	8
33,748	5.2	8
34,701	5.0	8
36,147	4.8	8
37,506	4.6	8
37,719	4.6	8
38,895	4.5	8
39,137	4.5	8
40,391	4.3	8
40,586	4.3	8
40,767	4.3	8
40,853	4.3	8
42,007	4.1	8
42,147	4.1	8
42,277	4.1	8
42,398	4.1	8
43,757	4.0	8
43,833	4.0	8
43,903	4.0	8
43,968	4.0	8
44,029	4.0	8
45,659	3.8	8
47,350	3.7	8
47,416	3.7	8
47,486	3.7	8
47,562	3.7	8
47,645	3.7	8
49,172	3.5	8
49,312	3.5	8
49,464	3.5	8
49,630	3.5	8
51,031	3.4	8
51,138	3.4	8
51,367	3.4	8
51,615	3.4	8
53,269	3.3	8
53,600	3.3	8
55,272	3.2	7
55,585	3.1	7
57,675	3.0	7
60,078	2.9	7
61,774	2.8	7
62,481	2.8	6
64,460	2.7	6
64,884	2.7	6
67,146	2.6	6
67,287	2.6	6
69,832	2.5	6
72,518	2.4	6
75,204	2.3	5

YIELD PRO 1225 - 1625

403-136D 10500-18000 seeds/lb

MILO

Precision Meter
51 Cell Wheel
TALC & GRAPHITE REQUIRED

Transmission Combinations			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = 15 Driven = 60		Twin Row 36" Range Sprockets: Driver = 18 Driven = 60		20" Row Spacing Range Sprockets: Driver = 20 Driven = 60		30" Row Spacing Range Sprockets: Driver = 15 Driven = 30		36" Row Spacing Range Sprockets: Driver = 18 Driven = 30	
Driver	Driven	Seed Population (seeds/acre)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)
17	28	**28,276**	14.8	8	12.3	8	11.1	8	7.4	7	6.2	5
17	27	**29,323**	14.3	8	11.9	8	10.7	8	7.1	6	5.9	5
17	26	**30,451**	13.7	8	11.4	8	10.3	8	6.9	6	5.7	5
19	28	**31,603**	13.2	8	11.0	8	9.9	8	6.6	6	5.5	5
17	25	**31,669**	13.2	8	11.0	8	9.9	8	6.6	6	5.5	5
19	27	**32,773**	12.8	8	10.6	8	9.6	8	6.4	6	5.3	5
17	24	**32,989**	12.7	8	10.6	8	9.5	8	6.3	6	5.3	5
19	26	**34,034**	12.3	8	10.2	8	9.2	8	6.1	5	5.1	4
17	23	**34,423**	12.1	8	10.1	8	9.1	8	6.1	5	5.1	4
19	25	**35,395**	11.8	8	9.8	8	8.9	8	5.9	5	4.9	4
19	24	**36,870**	11.3	8	9.5	8	8.5	8	5.7	5	4.7	4
23	28	**38,256**	10.9	8	9.1	8	8.2	7	5.5	5	4.6	4
19	23	**38,473**	10.9	8	9.1	8	8.2	7	5.4	5	4.5	4
23	27	**39,673**	10.5	8	8.8	8	7.9	7	5.3	5	4.4	4
24	28	**39,919**	10.5	8	8.7	8	7.9	7	5.2	5	4.4	4
23	26	**41,199**	10.2	8	8.5	8	7.6	7	5.1	4	4.2	4
24	27	**41,398**	10.1	8	8.4	8	7.6	7	5.1	4	4.2	4
25	28	**41,583**	10.1	8	8.4	8	7.5	7	5.0	4	4.2	4
17	19	**41,670**	10.0	8	8.4	8	7.5	7	5.0	4	4.2	4
23	25	**42,847**	9.8	8	8.1	7	7.3	7	4.9	4	4.1	3
24	26	**42,990**	9.7	8	8.1	7	7.3	7	4.9	4	4.1	3
25	27	**43,123**	9.7	8	8.1	7	7.3	7	4.8	4	4.0	3
26	28	**43,246**	9.7	8	8.1	7	7.3	7	4.8	4	4.0	3
23	24	**44,632**	9.4	8	7.8	7	7.0	6	4.7	4	3.9	3
24	25	**44,710**	9.4	8	7.8	7	7.0	6	4.7	4	3.9	3
25	26	**44,781**	9.3	8	7.8	7	7.0	6	4.7	4	3.9	3
26	27	**44,848**	9.3	8	7.8	7	7.0	6	4.7	4	3.9	3
27	28	**44,909**	9.3	8	7.8	7	7.0	6	4.7	4	3.9	3
23	23	**46,573**	9.0	8	7.5	7	6.7	6	4.5	4	3.7	3
28	27	**48,297**	8.7	8	7.2	6	6.5	6	4.3	4	3.6	3
27	26	**48,364**	8.6	8	7.2	6	6.5	6	4.3	4	3.6	3
26	25	**48,435**	8.6	8	7.2	6	6.5	6	4.3	4	3.6	3
25	24	**48,513**	8.6	8	7.2	6	6.5	6	4.3	4	3.6	3
24	23	**48,597**	8.6	8	7.2	6	6.5	6	4.3	4	3.6	3
28	26	**50,155**	8.3	8	6.9	6	6.3	6	4.2	4	3.5	3
27	25	**50,298**	8.3	8	6.9	6	6.2	6	4.2	4	3.5	3
26	24	**50,454**	8.3	8	6.9	6	6.2	6	4.1	4	3.5	3
25	23	**50,622**	8.3	7	6.9	6	6.2	5	4.1	3	3.4	3
19	17	**52,052**	8.0	7	6.7	6	6.0	5	4.0	3	3.3	3
28	25	**52,161**	8.0	7	6.7	6	6.0	5	4.0	3	3.3	3
27	24	**52,394**	8.0	7	6.7	6	6.0	5	4.0	3	3.3	3
26	23	**52,647**	7.9	7	6.6	6	6.0	5	4.0	3	3.3	3
28	24	**54,335**	7.7	7	6.4	6	5.8	5	3.8	3	3.2	3
27	23	**54,672**	7.6	7	6.4	6	5.7	5	3.8	3	3.2	3
23	19	**56,377**	7.4	7	6.2	5	5.6	5	3.7	3	3.1	2
28	23	**56,697**	7.4	7	6.1	5	5.5	5	3.7	3	3.1	2
24	19	**58,828**	7.1	6	5.9	5	5.3	5	3.6	3	3.0	2
25	19	**61,280**	6.8	6	5.7	5	5.1	4	3.4	3	2.8	2
23	17	**63,010**	6.6	6	5.5	5	5.0	4	3.3	3	2.8	2
26	19	**63,731**	6.6	6	5.5	5	4.9	4	3.3	3	2.7	2
24	17	**65,749**	6.4	6	5.3	5	4.8	4	3.2	3	2.7	2
27	19	**66,182**	6.3	6	5.3	5	4.7	4	3.2	3	2.6	2
25	17	**68,489**	6.1	5	5.1	4	4.6	4	3.1	2	2.5	2
28	19	**68,633**	6.1	5	5.1	4	4.6	4	3.0	2	2.5	2
26	17	**71,229**	5.9	5	4.9	4	4.4	4	2.9	2	2.4	2
27	17	**73,968**	5.7	5	4.7	4	4.2	4	2.8	2	2.4	2
28	17	**76,708**	5.5	5	4.5	4	4.1	3	2.7	2	2.3	2

YIELD PRO 1225 - 1625

403-137D 10500-18000 seeds/lb

MILO

Precision Meter
102 Cell Wheel
TALC & GRAPHITE REQUIRED

Transmission Combinations			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = 15 Driven = 60		Twin Row 36" Range Sprockets: Driver = 18 Driven = 60		20" Row Spacing Range Sprockets: Driver = 20 Driven = 60		30" Row Spacing Range Sprockets: Driver = 15 Driven = 30		36" Row Spacing Range Sprockets: Driver = 18 Driven = 30	
Driver	Driven	Seed Population (seeds/acre)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)	Seed Spacing (inches)	Maximum Planting Speed (mph)
17	28	**56,552**	7.4	8	6.2	8	5.5	8	3.7	7	3.1	5
17	27	**58,647**	7.1	8	5.9	8	5.3	8	3.6	6	3.0	5
17	26	**60,903**	6.9	8	5.7	8	5.1	8	3.4	6	2.9	5
19	28	**63,206**	6.6	8	5.5	8	5.0	8	3.3	6	2.8	5
17	25	**63,339**	6.6	8	5.5	8	5.0	8	3.3	6	2.8	5
19	27	**65,547**	6.4	8	5.3	8	4.8	8	3.2	6	2.7	5
17	24	**65,978**	6.3	8	5.3	8	4.8	8	3.2	6	2.6	5
19	26	**68,068**	6.1	8	5.1	8	4.6	8	3.1	5	2.6	4
17	23	**68,846**	6.1	8	5.1	8	4.6	8	3.0	5	2.5	4
19	25	**70,790**	5.9	8	4.9	8	4.4	8	3.0	5	2.5	4
19	24	**73,740**	5.7	8	4.7	8	4.3	8	2.8	5	2.4	4
23	28	**76,512**	5.5	8	4.6	8	4.1	7	2.7	5	2.3	4
19	23	**76,946**	5.4	8	4.5	8	4.1	7	2.7	5	2.3	4
23	27	**79,346**	5.3	8	4.4	8	4.0	7	2.6	5	2.2	4
24	28	**79,839**	5.2	8	4.4	8	3.9	7	2.6	5	2.2	4
23	26	**82,398**	5.1	8	4.2	8	3.8	7	2.5	4	2.1	4
24	27	**82,796**	5.1	8	4.2	8	3.8	7	2.5	4	2.1	4
25	28	**83,165**	5.0	8	4.2	8	3.8	7	2.5	4	2.1	4
17	19	**83,340**	5.0	8	4.2	8	3.8	7	2.5	4	2.1	4
23	25	**85,694**	4.9	8	4.1	7	3.7	7	2.4	4	2.0	3
24	26	**85,980**	4.9	8	4.1	7	3.6	7	2.4	4	2.0	3
25	27	**86,245**	4.8	8	4.0	7	3.6	7	2.4	4	2.0	3
26	28	**86,492**	4.8	8	4.0	7	3.6	7	2.4	4	2.0	3
23	24	**89,264**	4.7	8	3.9	7	3.5	6	2.3	4	2.0	3
24	25	**89,419**	4.7	8	3.9	7	3.5	6	2.3	4	1.9	3
25	26	**89,563**	4.7	8	3.9	7	3.5	6	2.3	4	1.9	3
26	27	**89,695**	4.7	8	3.9	7	3.5	6	2.3	4	1.9	3
27	28	**89,819**	4.7	8	3.9	7	3.5	6	2.3	4	1.9	3
23	23	**93,145**	4.5	8	3.7	7	3.4	6	2.2	4	1.9	3
28	27	**96,595**	4.3	8	3.6	6	3.2	6	2.2	4	1.8	3
27	26	**96,728**	4.3	8	3.6	6	3.2	6	2.2	4	1.8	3
26	25	**96,871**	4.3	8	3.6	6	3.2	6	2.2	4	1.8	3
25	24	**97,026**	4.3	8	3.6	6	3.2	6	2.2	4	1.8	3
24	23	**97,195**	4.3	8	3.6	6	3.2	6	2.2	4	1.8	3
28	26	**100,310**	4.2	8	3.5	6	3.1	6	2.1	4	1.7	3
27	25	**100,597**	4.2	8	3.5	6	3.1	6	2.1	4	1.7	3
26	24	**100,907**	4.1	8	3.5	6	3.1	6	2.1	4	1.7	3
25	23	**101,245**	4.1	7	3.4	6	3.1	5	2.1	3	1.7	3
19	17	**104,103**	4.0	7	3.3	6	3.0	5	2.0	3	1.7	3
28	25	**104,323**	4.0	7	3.3	6	3.0	5	2.0	3	1.7	3
27	24	**104,788**	4.0	7	3.3	6	3.0	5	2.0	3	1.7	3
26	23	**105,294**	4.0	7	3.3	6	3.0	5	2.0	3	1.7	3
28	24	**108,669**	3.8	7	3.2	6	2.9	5	1.9	3	1.6	3
27	23	**109,344**	3.8	7	3.2	6	2.9	5	1.9	3	1.6	3
23	19	**112,755**	3.7	7	3.1	5	2.8	5	1.9	3	1.5	2
28	23	**113,394**	3.7	7	3.1	5	2.8	5	1.8	3	1.5	2
24	19	**117,657**	3.6	6	3.0	5	2.7	5	1.8	3	1.5	2
25	19	**122,559**	3.4	6	2.8	5	2.6	4	1.7	3	1.4	2
23	17	**126,020**	3.3	6	2.8	5	2.5	4	1.7	3	1.4	2
26	19	**127,462**	3.3	6	2.7	5	2.5	4	1.6	3	1.4	2
24	17	**131,499**	3.2	6	2.7	5	2.4	4	1.6	3	1.3	2
27	19	**132,364**	3.2	6	2.6	5	2.4	4	1.6	3	1.3	2
25	17	**136,978**	3.1	5	2.5	4	2.3	4	1.5	2	1.3	2
28	19	**137,266**	3.0	5	2.5	4	2.3	4	1.5	2	1.3	2
26	17	**142,457**	2.9	5	2.4	4	2.2	4	1.5	2	1.2	2
27	17	**147,936**	2.8	5	2.4	4	2.1	4	1.4	2	1.2	2
28	17	**153,415**	2.7	5	2.3	4	2.0	3	1.4	2	1.1	2

YIELD PRO 1225 - 1625

403-140D 12000-18000 seeds/lb
403-138D 10500-14000 seeds/lb

MILO

Precision Meter
135 Cell Wheel
TALC & GRAPHITE REQUIRED

			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = 15 Driven = 60		Twin Row 36" Range Sprockets: Driver = 18 Driven = 60		20" Row Spacing Range Sprockets: Driver = 20 Driven = 60		30" Row Spacing Range Sprockets: Driver = 15 Driven = 30		36" Row Spacing Range Sprockets: Driver = 18 Driven = 30	
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)
17	28	**74,849**	5.6	8	4.7	8	4.2	8	2.8	7	2.3	5
17	27	**77,621**	5.4	8	4.5	8	4.0	8	2.7	6	2.2	5
17	26	**80,606**	5.2	8	4.3	8	3.9	8	2.6	6	2.2	5
19	28	**83,654**	5.0	8	4.2	8	3.7	8	2.5	6	2.1	5
17	25	**83,831**	5.0	8	4.2	8	3.7	8	2.5	6	2.1	5
19	27	**86,753**	4.8	8	4.0	8	3.6	8	2.4	6	2.0	5
17	24	**87,324**	4.8	8	4.0	8	3.6	8	2.4	6	2.0	5
19	26	**90,089**	4.6	8	3.9	8	3.5	8	2.3	5	1.9	4
17	23	**91,120**	4.6	8	3.8	8	3.4	8	2.3	5	1.9	4
19	25	**93,693**	4.5	8	3.7	8	3.3	8	2.2	5	1.9	4
19	24	**97,597**	4.3	8	3.6	8	3.2	8	2.1	5	1.8	4
23	28	**101,266**	4.1	8	3.4	8	3.1	7	2.1	5	1.7	4
19	23	**101,840**	4.1	8	3.4	8	3.1	7	2.1	5	1.7	4
23	27	**105,017**	4.0	8	3.3	8	3.0	7	2.0	5	1.7	4
24	28	**105,669**	4.0	8	3.3	8	3.0	7	2.0	5	1.6	4
23	26	**109,056**	3.8	8	3.2	8	2.9	7	1.9	4	1.6	4
24	27	**109,582**	3.8	8	3.2	8	2.9	7	1.9	4	1.6	4
25	28	**110,072**	3.8	8	3.2	8	2.8	7	1.9	4	1.6	4
17	19	**110,303**	3.8	8	3.2	8	2.8	7	1.9	4	1.6	4
23	25	**113,418**	3.7	8	3.1	7	2.8	7	1.8	4	1.5	3
24	26	**113,797**	3.7	8	3.1	7	2.8	7	1.8	4	1.5	3
25	27	**114,148**	3.7	8	3.1	7	2.7	7	1.8	4	1.5	3
26	28	**114,475**	3.7	8	3.0	7	2.7	7	1.8	4	1.5	3
23	24	**118,144**	3.5	8	2.9	7	2.7	6	1.8	4	1.5	3
24	25	**118,349**	3.5	8	2.9	7	2.7	6	1.8	4	1.5	3
25	26	**118,539**	3.5	8	2.9	7	2.6	6	1.8	4	1.5	3
26	27	**118,714**	3.5	8	2.9	7	2.6	6	1.8	4	1.5	3
27	28	**118,877**	3.5	8	2.9	7	2.6	6	1.8	4	1.5	3
23	23	**123,280**	3.4	8	2.8	7	2.5	6	1.7	4	1.4	3
28	27	**127,846**	3.3	8	2.7	6	2.5	6	1.6	4	1.4	3
27	26	**128,022**	3.3	8	2.7	6	2.4	6	1.6	4	1.4	3
26	25	**128,212**	3.3	8	2.7	6	2.4	6	1.6	4	1.4	3
25	24	**128,417**	3.3	8	2.7	6	2.4	6	1.6	4	1.4	3
24	23	**128,640**	3.3	8	2.7	6	2.4	6	1.6	4	1.4	3
28	26	**132,763**	3.1	8	2.6	6	2.4	6	1.6	4	1.3	3
27	25	**133,143**	3.1	8	2.6	6	2.4	6	1.6	4	1.3	3
26	24	**133,554**	3.1	8	2.6	6	2.3	6	1.6	4	1.3	3
25	23	**134,000**	3.1	7	2.6	6	2.3	5	1.6	3	1.3	3
19	17	**137,784**	3.0	7	2.5	6	2.3	5	1.5	3	1.3	3
28	25	**138,074**	3.0	7	2.5	6	2.3	5	1.5	3	1.3	3
27	24	**138,690**	3.0	7	2.5	6	2.3	5	1.5	3	1.3	3
26	23	**139,360**	3.0	7	2.5	6	2.3	5	1.5	3	1.3	3
28	24	**143,827**	2.9	7	2.4	6	2.2	5	1.5	3	1.2	3
27	23	**144,720**	2.9	7	2.4	6	2.2	5	1.4	3	1.2	3
23	19	**149,234**	2.8	7	2.3	5	2.1	5	1.4	3	1.2	2
28	23	**150,080**	2.8	7	2.3	5	2.1	5	1.4	3	1.2	2
24	19	**155,722**	2.7	6	2.2	5	2.0	5	1.3	3	1.1	2
25	19	**162,211**	2.6	6	2.1	5	1.9	4	1.3	3	1.1	2
23	17	**166,791**	2.5	6	2.1	5	1.9	4	1.3	3	1.0	2
26	19	**168,699**	2.5	6	2.1	5	1.9	4	1.2	3	1.0	2
24	17	**174,043**	2.4	6	2.0	5	1.8	4	1.2	3	1.0	2
27	19	**175,188**	2.4	6	2.0	5	1.8	4	1.2	3	1.0	2
25	17	**181,295**	2.3	5	1.9	4	1.7	4	1.2	2	1.0	2
28	19	**181,676**	2.3	5	1.9	4	1.7	4	1.2	2	1.0	2
26	17	**188,546**	2.2	5	1.8	4	1.7	4	1.1	2	0.9	2
27	17	**195,798**	2.1	5	1.8	4	1.6	4	1.1	2	0.9	2
28	17	**203,050**	2.1	5	1.7	4	1.5	3	1.0	2	0.9	2

YIELD PRO 1225 - 1625

403-141D 12000-18000 seeds/lb
403-139D 10500-14000 seeds/lb

MILO

Precision Meter
270 Cell Wheel
TALC & GRAPHITE REQUIRED

			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = **15** Driven = **60**		Twin Row 36" Range Sprockets: Driver = **18** Driven = **60**		20" Row Spacing Range Sprockets: Driver = **20** Driven = **60**		30" Row Spacing Range Sprockets: Driver = **15** Driven = **30**		36" Row Spacing Range Sprockets: Driver = **18** Driven = **30**	
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)
17	28	**149,698**	2.8	8	2.3	8	2.1	8	1.4	7	1.2	5
17	27	**155,242**	2.7	8	2.2	8	2.0	8	1.3	6	1.1	5
17	26	**161,213**	2.6	8	2.2	8	1.9	8	1.3	6	1.1	5
19	28	**167,309**	2.5	8	2.1	8	1.9	8	1.2	6	1.0	5
17	25	**167,661**	2.5	8	2.1	8	1.9	8	1.2	6	1.0	5
19	27	**173,506**	2.4	8	2.0	8	1.8	8	1.2	6	1.0	5
17	24	**174,647**	2.4	8	2.0	8	1.8	8	1.2	6	1.0	5
19	26	**180,179**	2.3	8	1.9	8	1.7	8	1.2	5	1.0	4
17	23	**182,240**	2.3	8	1.9	8	1.7	8	1.1	5	1.0	4
19	25	**187,386**	2.2	8	1.9	8	1.7	8	1.1	5	0.9	4
19	24	**195,194**	2.1	8	1.8	8	1.6	8	1.1	5	0.9	4
23	28	**202,532**	2.1	8	1.7	8	1.5	7	1.0	5	0.9	4
19	23	**203,681**	2.1	8	1.7	8	1.5	7	1.0	5	0.9	4
23	27	**210,033**	2.0	8	1.7	8	1.5	7	1.0	5	0.8	4
24	28	**211,338**	2.0	8	1.6	8	1.5	7	1.0	5	0.8	4
23	26	**218,111**	1.9	8	1.6	8	1.4	7	1.0	4	0.8	4
24	27	**219,165**	1.9	8	1.6	8	1.4	7	1.0	4	0.8	4
25	28	**220,143**	1.9	8	1.6	8	1.4	7	0.9	4	0.8	4
17	19	**220,607**	1.9	8	1.6	8	1.4	7	0.9	4	0.8	4
23	25	**226,836**	1.8	8	1.5	7	1.4	7	0.9	4	0.8	3
24	26	**227,594**	1.8	8	1.5	7	1.4	7	0.9	4	0.8	3
25	27	**228,297**	1.8	8	1.5	7	1.4	7	0.9	4	0.8	3
26	28	**228,949**	1.8	8	1.5	7	1.4	7	0.9	4	0.8	3
23	24	**236,287**	1.8	8	1.5	7	1.3	6	0.9	4	0.7	3
24	25	**236,698**	1.8	8	1.5	7	1.3	6	0.9	4	0.7	3
25	26	**237,078**	1.8	8	1.5	7	1.3	6	0.9	4	0.7	3
26	27	**237,429**	1.8	8	1.5	7	1.3	6	0.9	4	0.7	3
27	28	**237,755**	1.8	8	1.5	7	1.3	6	0.9	4	0.7	3
23	23	**246,561**	1.7	8	1.4	7	1.3	6	0.8	4	0.7	3
28	27	**255,692**	1.6	8	1.4	6	1.2	6	0.8	4	0.7	3
27	26	**256,044**	1.6	8	1.4	6	1.2	6	0.8	4	0.7	3
26	25	**256,423**	1.6	8	1.4	6	1.2	6	0.8	4	0.7	3
25	24	**256,834**	1.6	8	1.4	6	1.2	6	0.8	4	0.7	3
24	23	**257,281**	1.6	8	1.4	6	1.2	6	0.8	4	0.7	3
28	26	**265,527**	1.6	8	1.3	6	1.2	6	0.8	4	0.7	3
27	25	**266,285**	1.6	8	1.3	6	1.2	6	0.8	4	0.7	3
26	24	**267,107**	1.6	8	1.3	6	1.2	6	0.8	4	0.7	3
25	23	**268,001**	1.6	7	1.3	6	1.2	5	0.8	3	0.7	3
19	17	**275,568**	1.5	7	1.3	6	1.1	5	0.8	3	0.6	3
28	25	**276,148**	1.5	7	1.3	6	1.1	5	0.8	3	0.6	3
27	24	**277,381**	1.5	7	1.3	6	1.1	5	0.8	3	0.6	3
26	23	**278,721**	1.5	7	1.3	6	1.1	5	0.8	3	0.6	3
28	24	**287,654**	1.5	7	1.2	6	1.1	5	0.7	3	0.6	3
27	23	**289,441**	1.4	7	1.2	6	1.1	5	0.7	3	0.6	3
23	19	**298,468**	1.4	7	1.2	5	1.1	5	0.7	3	0.6	2
28	23	**300,161**	1.4	7	1.2	5	1.0	5	0.7	3	0.6	2
24	19	**311,445**	1.3	6	1.1	5	1.0	5	0.7	3	0.6	2
25	19	**324,422**	1.3	6	1.1	5	1.0	4	0.6	3	0.5	2
23	17	**333,582**	1.3	6	1.0	5	0.9	4	0.6	3	0.5	2
26	19	**337,399**	1.2	6	1.0	5	0.9	4	0.6	3	0.5	2
24	17	**348,086**	1.2	6	1.0	5	0.9	4	0.6	3	0.5	2
27	19	**350,376**	1.2	6	1.0	5	0.9	4	0.6	3	0.5	2
25	17	**362,589**	1.2	5	1.0	4	0.9	4	0.6	2	0.5	2
28	19	**363,352**	1.2	5	1.0	4	0.9	4	0.6	2	0.5	2
26	17	**377,093**	1.1	5	0.9	4	0.8	4	0.6	2	0.5	2
27	17	**391,596**	1.1	5	0.9	4	0.8	4	0.5	2	0.4	2
28	17	**406,100**	1.0	5	0.9	4	0.8	3	0.5	2	0.4	2

YIELD PRO 1225 - 1625

403-122D 1700-2200 seeds/lb

SOYBEAN

Precision Meter
100 Cell Wheel
TALC REQUIRED

			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = 15 Driven = 30		Twin Row 36" Range Sprockets: Driver = 18 Driven = 30		20" Row Spacing Range Sprockets: Driver = 20 Driven = 30		30" Row Spacing Range Sprockets: Driver = 30 Driven = 30		36" Row Spacing Range Sprockets: Driver = 36 Driven = 30	
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)
17	28	**110,887**	3.8	8	3.1	8	2.8	8	1.9	5	1.6	4
17	27	**114,994**	3.6	8	3.0	8	2.7	8	1.8	5	1.5	4
17	26	**119,417**	3.5	8	2.9	8	2.6	8	1.8	5	1.5	4
19	28	**123,933**	3.4	8	2.8	8	2.5	7	1.7	5	1.4	4
17	25	**124,193**	3.4	8	2.8	8	2.5	7	1.7	5	1.4	4
19	27	**128,523**	3.3	8	2.7	8	2.4	7	1.6	5	1.4	4
17	24	**129,368**	3.2	8	2.7	8	2.4	7	1.6	5	1.3	4
19	26	**133,466**	3.1	8	2.6	8	2.3	7	1.6	4	1.3	4
17	23	**134,993**	3.1	8	2.6	8	2.3	7	1.5	4	1.3	4
19	25	**138,804**	3.0	8	2.5	7	2.3	7	1.5	4	1.3	3
19	24	**144,588**	2.9	8	2.4	7	2.2	6	1.4	4	1.2	3
23	28	**150,024**	2.8	8	2.3	7	2.1	6	1.4	4	1.2	3
19	23	**150,874**	2.8	8	2.3	7	2.1	6	1.4	4	1.2	3
23	27	**155,580**	2.7	8	2.2	6	2.0	6	1.3	4	1.1	3
24	28	**156,546**	2.7	8	2.2	6	2.0	6	1.3	4	1.1	3
23	26	**161,564**	2.6	8	2.2	6	1.9	6	1.3	4	1.1	3
24	27	**162,344**	2.6	8	2.1	6	1.9	6	1.3	4	1.1	3
25	28	**163,069**	2.6	7	2.1	6	1.9	5	1.3	3	1.1	3
17	19	**163,412**	2.6	7	2.1	6	1.9	5	1.3	3	1.1	3
23	25	**168,026**	2.5	7	2.1	6	1.9	5	1.2	3	1.0	3
24	26	**168,588**	2.5	7	2.1	6	1.9	5	1.2	3	1.0	3
25	27	**169,109**	2.5	7	2.1	6	1.9	5	1.2	3	1.0	3
26	28	**169,592**	2.5	7	2.1	6	1.8	5	1.2	3	1.0	3
23	24	**175,028**	2.4	7	2.0	6	1.8	5	1.2	3	1.0	3
24	25	**175,332**	2.4	7	2.0	6	1.8	5	1.2	3	1.0	3
25	26	**175,613**	2.4	7	2.0	6	1.8	5	1.2	3	1.0	3
26	27	**175,873**	2.4	7	2.0	6	1.8	5	1.2	3	1.0	3
27	28	**176,115**	2.4	7	2.0	6	1.8	5	1.2	3	1.0	3
23	23	**182,637**	2.3	7	1.9	5	1.7	5	1.1	3	1.0	2
28	27	**189,402**	2.2	6	1.8	5	1.7	5	1.1	3	0.9	2
27	26	**189,662**	2.2	6	1.8	5	1.7	5	1.1	3	0.9	2
26	25	**189,943**	2.2	6	1.8	5	1.7	5	1.1	3	0.9	2
25	24	**190,247**	2.2	6	1.8	5	1.6	5	1.1	3	0.9	2
24	23	**190,578**	2.2	6	1.8	5	1.6	5	1.1	3	0.9	2
28	26	**196,687**	2.1	6	1.8	5	1.6	4	1.1	3	0.9	2
27	25	**197,248**	2.1	6	1.8	5	1.6	4	1.1	3	0.9	2
26	24	**197,857**	2.1	6	1.8	5	1.6	4	1.1	3	0.9	2
25	23	**198,519**	2.1	6	1.8	5	1.6	4	1.1	3	0.9	2
19	17	**204,124**	2.0	6	1.7	5	1.5	4	1.0	3	0.9	2
28	25	**204,554**	2.0	6	1.7	5	1.5	4	1.0	3	0.9	2
27	24	**205,467**	2.0	6	1.7	5	1.5	4	1.0	3	0.8	2
26	23	**206,460**	2.0	6	1.7	5	1.5	4	1.0	3	0.8	2
28	24	**213,077**	2.0	6	1.6	5	1.5	4	1.0	3	0.8	2
27	23	**214,401**	2.0	6	1.6	5	1.5	4	1.0	3	0.8	2
23	19	**221,087**	1.9	5	1.6	4	1.4	4	0.9	2	0.8	2
28	23	**222,341**	1.9	5	1.6	4	1.4	4	0.9	2	0.8	2
24	19	**230,700**	1.8	5	1.5	4	1.4	4	0.9	2	0.8	2
25	19	**240,312**	1.7	5	1.5	4	1.3	4	0.9	2	0.7	2
23	17	**247,098**	1.7	5	1.4	4	1.3	3	0.8	2	0.7	2
26	19	**249,925**	1.7	5	1.4	4	1.3	3	0.8	2	0.7	2
24	17	**257,841**	1.6	5	1.4	4	1.2	3	0.8	2	0.7	2
27	19	**259,537**	1.6	5	1.3	4	1.2	3	0.8	2	0.7	2
25	17	**268,585**	1.6	4	1.3	4	1.2	3	0.8	2	0.6	2
28	19	**269,150**	1.6	4	1.3	4	1.2	3	0.8	2	0.6	2
26	17	**279,328**	1.5	4	1.2	3	1.1	3	0.7	2	0.6	1
27	17	**290,071**	1.4	4	1.2	3	1.1	3	0.7	2	0.6	1
28	17	**300,815**	1.4	4	1.2	3	1.0	3	0.7	2	0.6	1

YIELD PRO 1225 - 1625

403-123D 2200-2700 seeds/lb
403-124D 2700-3200 seeds/lb
403-125D 3100-3800 seeds/lb
403-126D 3600-4000 seeds/lb

SOYBEAN

Precision Meter
110 Cell Wheel
TALC REQUIRED

			Twin Row 30" 15" Row Spacing Range Sprockets: Driver = **15** Driven = **30**		Twin Row 36" Range Sprockets: Driver = **18** Driven = **30**		20" Row Spacing Range Sprockets: Driver = **20** Driven = **30**		30" Row Spacing Range Sprockets: Driver = **30** Driven = **30**		36" Row Spacing Range Sprockets: Driver = **36** Driven = **30**	
Transmission Combinations		Seed **Population**	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed	Seed Spacing	Maximum Planting Speed
Driver	Driven	(seeds/acre)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)	(inches)	(mph)
17	28	**121,976**	3.4	8	2.9	8	2.6	8	1.7	6	1.4	5
17	27	**126,493**	3.3	8	2.8	8	2.5	8	1.7	6	1.4	5
17	26	**131,359**	3.2	8	2.7	8	2.4	8	1.6	6	1.3	5
19	28	**136,326**	3.1	8	2.6	8	2.3	8	1.5	5	1.3	4
17	25	**136,613**	3.1	8	2.6	8	2.3	8	1.5	5	1.3	4
19	27	**141,375**	3.0	8	2.5	8	2.2	8	1.5	5	1.2	4
17	24	**142,305**	2.9	8	2.4	8	2.2	8	1.5	5	1.2	4
19	26	**146,812**	2.8	8	2.4	8	2.1	8	1.4	5	1.2	4
17	23	**148,492**	2.8	8	2.3	8	2.1	8	1.4	5	1.2	4
19	25	**152,685**	2.7	8	2.3	8	2.1	7	1.4	5	1.1	4
19	24	**159,047**	2.6	8	2.2	8	2.0	7	1.3	5	1.1	4
23	28	**165,026**	2.5	8	2.1	8	1.9	7	1.3	4	1.1	4
19	23	**165,962**	2.5	8	2.1	8	1.9	7	1.3	4	1.0	4
23	27	**171,138**	2.4	8	2.0	7	1.8	7	1.2	4	1.0	3
24	28	**172,201**	2.4	8	2.0	7	1.8	6	1.2	4	1.0	3
23	26	**177,720**	2.4	8	2.0	7	1.8	6	1.2	4	1.0	3
24	27	**178,579**	2.3	8	2.0	7	1.8	6	1.2	4	1.0	3
25	28	**179,376**	2.3	8	1.9	7	1.7	6	1.2	4	1.0	3
17	19	**179,754**	2.3	8	1.9	7	1.7	6	1.2	4	1.0	3
23	25	**184,829**	2.3	8	1.9	7	1.7	6	1.1	4	0.9	3
24	26	**185,447**	2.3	8	1.9	7	1.7	6	1.1	4	0.9	3
25	27	**186,020**	2.2	8	1.9	7	1.7	6	1.1	4	0.9	3
26	28	**186,551**	2.2	8	1.9	7	1.7	6	1.1	4	0.9	3
23	24	**192,530**	2.2	8	1.8	6	1.6	6	1.1	4	0.9	3
24	25	**192,865**	2.2	8	1.8	6	1.6	6	1.1	4	0.9	3
25	26	**193,174**	2.2	8	1.8	6	1.6	6	1.1	4	0.9	3
26	27	**193,460**	2.2	8	1.8	6	1.6	6	1.1	4	0.9	3
27	28	**193,726**	2.2	8	1.8	6	1.6	6	1.1	4	0.9	3
23	23	**200,901**	2.1	7	1.7	6	1.6	5	1.0	3	0.9	3
28	27	**208,342**	2.0	7	1.7	6	1.5	5	1.0	3	0.8	3
27	26	**208,628**	2.0	7	1.7	6	1.5	5	1.0	3	0.8	3
26	25	**208,937**	2.0	7	1.7	6	1.5	5	1.0	3	0.8	3
25	24	**209,272**	2.0	7	1.7	6	1.5	5	1.0	3	0.8	3
24	23	**209,636**	2.0	7	1.7	6	1.5	5	1.0	3	0.8	3
28	26	**216,355**	1.9	7	1.6	6	1.4	5	1.0	3	0.8	3
27	25	**216,973**	1.9	7	1.6	6	1.4	5	1.0	3	0.8	3
26	24	**217,643**	1.9	7	1.6	6	1.4	5	1.0	3	0.8	3
25	23	**218,371**	1.9	7	1.6	6	1.4	5	1.0	3	0.8	3
19	17	**224,537**	1.9	7	1.6	5	1.4	5	0.9	3	0.8	2
28	25	**225,009**	1.9	7	1.5	5	1.4	5	0.9	3	0.8	2
27	24	**226,014**	1.9	7	1.5	5	1.4	5	0.9	3	0.8	2
26	23	**227,106**	1.8	7	1.5	5	1.4	5	0.9	3	0.8	2
28	24	**234,385**	1.8	6	1.5	5	1.3	5	0.9	3	0.7	2
27	23	**235,841**	1.8	6	1.5	5	1.3	5	0.9	3	0.7	2
23	19	**243,196**	1.7	6	1.4	5	1.3	4	0.9	3	0.7	2
28	23	**244,575**	1.7	6	1.4	5	1.3	4	0.9	3	0.7	2
24	19	**253,770**	1.6	6	1.4	5	1.2	4	0.8	3	0.7	2
25	19	**264,344**	1.6	6	1.3	5	1.2	4	0.8	3	0.7	2
23	17	**271,808**	1.5	5	1.3	4	1.2	4	0.8	2	0.6	2
26	19	**274,917**	1.5	5	1.3	4	1.1	4	0.8	2	0.6	2
24	17	**283,625**	1.5	5	1.2	4	1.1	4	0.7	2	0.6	2
27	19	**285,491**	1.5	5	1.2	4	1.1	4	0.7	2	0.6	2
25	17	**295,443**	1.4	5	1.2	4	1.1	4	0.7	2	0.6	2
28	19	**296,065**	1.4	5	1.2	4	1.1	4	0.7	2	0.6	2
26	17	**307,261**	1.4	5	1.1	4	1.0	3	0.7	2	0.6	2
27	17	**319,078**	1.3	5	1.1	4	1.0	3	0.7	2	0.5	2
28	17	**330,896**	1.3	4	1.1	4	0.9	3	0.6	2	0.5	2

Seed Rate Charts for Finger Meters

Seed Rate Application Charts for 6 and 12 Finger Meters

Graphite Powder (1# bottle P/N: 821-042C)
(5# jug P/N: 821-060C)

IMPORTANT!

For Finger Pick Up Meters Only
Use only approved Graphite Powder available from Great Plains Mfg. Inc. or Precision Planting to ensure proper lubrication of finger pick-up corn seed meters.

Recommended usage:

For finger pick up meters, add (1) one teaspoon of graphite for each 4 units of seed corn (320,000 kernels).

In high humidity conditions or if you are using seedbox seed treatments, or seed corn treated with any insecticides or polymers (Poncho, Prescribe, Cruiser, etc.), add one teaspoon of graphite for each unit of seed corn (80,000 kernels).

CAUTION
Do not use hands or any part of your body to mix graphite

ATTENTION!!! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired.

YIELD PRO 1225 - 1625

20" ROWS
12 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

Range Sprockets:
Driver = **30**
Driven = **30**

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population	Seed Spacing	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven	(seeds/acre)	(inches)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	19,960	15.7								
17	27	20,699	15.2								
17	26	21,495	14.6								
19	28	22,308	14.1								
17	25	22,355	14.0					Not Recommended			
19	27	23,134	13.6	45							
17	24	23,286	13.5	46							
19	26	24,024	13.1	47							
17	23	24,299	12.9	48							
19	25	24,985	12.6	49	46						
19	24	26,026	12.1	51	47						
23	28	27,004	11.6	53	49	45					
19	23	27,157	11.5	53	50	46					
23	27	28,004	11.2	55	51	47					
24	28	28,178	11.1	55	51	47					
23	26	29,082	10.8	57	53	49	45				
24	27	29,222	10.7	57	53	49	45				
25	28	29,352	10.7	58	54	49	45				
17	19	29,414	10.7	58	54	50	45				
23	25	30,245	10.4	59	55	51	47				
24	26	30,346	10.3	60	55	51	47				
25	27	30,440	10.3	60	56	51	47				
26	28	30,527	10.3	60	56	51	47				
23	24	31,505	10.0	62	57	53	49				
24	25	31,560	9.9	62	58	53	49				
25	26	31,610	9.9	62	58	53	49				
26	27	31,657	9.9	62	58	53	49				
27	28	31,701	9.9	62	58	53	49				
23	23	32,875	9.5	65	60	55	51	46			
28	27	34,092	9.2	67	62	57	53	48			
27	26	34,139	9.2	67	62	57	53	48			
26	25	34,190	9.2	67	62	58	53	48			
25	24	34,245	9.2	67	62	58	53	48			
24	23	34,304	9.1	67	63	58	53	48			
28	26	35,404	8.9	70	65	60	55	50	45		
27	25	35,505	8.8	70	65	60	55	50	45		
26	24	35,614	8.8	70	65	60	55	50	45		
25	23	35,733	8.8	70	65	60	55	50	45		
19	17	36,742	8.5	72	67	62	57	52	46		
28	25	36,820	8.5	72	67	62	57	52	46		
27	24	36,984	8.5	73	67	62	57	52	47		
26	23	37,163	8.4	73	68	63	57	52	47		
28	24	38,354	8.2	75	70	65	59	54	48		
27	23	38,592	8.1		70	65	60	54	49		
23	19	39,796	7.9		73	67	61	56	50	45	
28	23	40,021	7.8		73	67	62	56	51	45	
24	19	41,526	7.6			70	64	58	52	47	
25	19	43,256	7.3			73	67	61	55	49	
23	17	44,478	7.1			75	69	62	56	50	
26	19	44,986	7.0				69	63	57	50	
24	17	46,411	6.8				72	65	59	52	46
27	19	46,717	6.7				72	66	59	52	46
25	17	48,345	6.5				75	68	61	54	47
28	19	48,447	6.5				75	68	61	54	48
26	17	50,279	6.2					71	63	56	49
27	17	52,213	6.0					73	66	59	51
28	17	54,147	5.8	Not Recommended					68	61	53

YIELD PRO 1225 - 1625 — TWIN ROW 30" — Low Range

6 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

For Round Corn optimum meter speed is 45 to 85 RPM
(Shaded & Non-shaded areas)

Range Sprockets:
Driver = **30**
Driven = **30**

For Flat Corn optimum meter speed is 60 to 85 RPM
(Shaded area)

Transmission Combinations		Seed Population (seeds/acre)	Seed Spacing (inches)	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven			Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	13,306	31.4								
17	27	13,799	30.3								
17	26	14,330	29.2								
19	28	14,872	28.1								
17	25	14,903	28.1								
19	27	15,423	27.1	45							
17	24	15,524	26.9	46							
19	26	16,016	26.1	47							
17	23	16,199	25.8	48							
19	25	16,657	25.1	49	46						
19	24	17,351	24.1	51	47						
23	28	18,003	23.2	53	49	45					
19	23	18,105	23.1	53	50	46		Not Recommended			
23	27	18,670	22.4	55	51	47					
24	28	18,786	22.3	55	51	47					
23	26	19,388	21.6	57	53	49	45				
24	27	19,481	21.5	57	53	49	45				
25	28	19,568	21.4	58	54	49	45				
17	19	19,609	21.3	58	54	50	45				
23	25	20,163	20.7	59	55	51	47				
24	26	20,231	20.7	60	55	51	47				
25	27	20,293	20.6	60	56	51	47				
26	28	20,351	20.5	60	56	51	47				
23	24	21,003	19.9	62	57	53	49				
24	25	21,040	19.9	62	58	53	49				
25	26	21,074	19.8	62	58	53	49				
26	27	21,105	19.8	62	58	53	49				
27	28	21,134	19.8	62	58	53	49				
23	23	21,916	19.1	65	60	55	51	46			
28	27	22,728	18.4	67	62	57	53	48			
27	26	22,759	18.4	67	62	57	53	48			
26	25	22,793	18.3	67	62	58	53	48			
25	24	22,830	18.3	67	62	58	53	48			
24	23	22,869	18.3	67	63	58	53	48			
28	26	23,602	17.7	70	65	60	55	50	45		
27	25	23,670	17.7	70	65	60	55	50	45		
26	24	23,743	17.6	70	65	60	55	50	45		
25	23	23,822	17.6	70	65	60	55	50	45		
19	17	24,495	17.1	72	67	62	57	52	46		
28	25	24,546	17.0	72	67	62	57	52	46		
27	24	24,656	17.0	73	67	62	57	52	47		
26	23	24,775	16.9	73	68	63	57	52	47		
28	24	25,569	16.4	75	70	65	59	54	48		
27	23	25,728	16.3	76	70	65	60	54	49		
23	19	26,530	15.8	78	73	67	61	56	50	45	
28	23	26,681	15.7	79	73	67	62	56	51	45	
24	19	27,684	15.1	82	76	70	64	58	52	47	
25	19	28,837	14.5	85	79	73	67	61	55	49	
23	17	29,652	14.1		81	75	69	62	56	50	
26	19	29,991	13.9		82	76	69	63	57	50	
24	17	30,941	13.5		85	78	72	65	59	52	46
27	19	31,144	13.4		85	79	72	66	59	52	46
25	17	32,230	13.0			81	75	68	61	54	47
28	19	32,298	12.9			82	75	68	61	54	48
26	17	33,519	12.5			85	78	71	63	56	49
27	17	34,809	12.0				81	73	66	59	51
28	17	36,098	11.6	Not Recommended			84	76	68	61	53

YIELD PRO 1225 - 1625 — TWIN ROW 30" — High Range

6 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

Range Sprockets:
Driver = **30**
Driven = **20**

For Round Corn optimum meter speed is 45 to 85 RPM
(Shaded & Non-shaded areas)

For Flat Corn optimum meter speed is 60 to 85 RPM
(Shaded area)

Transmission Combinations		Seed Population (seeds/acre)	Seed Spacing (inches)	Ground Speed 7 mph Meter (rpm)	6.5 mph Meter (rpm)	6 mph Meter (rpm)	5.5 mph Meter (rpm)	5 mph Meter (rpm)	4.5 mph Meter (rpm)	4 mph Meter (rpm)	3.5 mph Meter (rpm)
Driver	Driven										
17	28	19,960	21.0	59	55	50	46				
17	27	20,699	20.2	61	57	52	48		Not Recommended		
17	26	21,495	19.5	63	59	54	50	45			
19	28	22,308	18.7	66	61	56	52	47			
17	25	22,355	18.7	66	61	56	52	47			
19	27	23,134	18.1	68	63	58	54	49			
17	24	23,286	18.0	69	64	59	54	49			
19	26	24,024	17.4	71	66	61	56	51	45		
17	23	24,299	17.2	72	66	61	56	51	46		
19	25	24,985	16.7	74	68	63	58	53	47		
19	24	26,026	16.1	77	71	66	60	55	49		
23	28	27,004	15.5	80	74	68	63	57	51	45	
19	23	27,157	15.4	80	74	69	63	57	51	46	
23	27	28,004	14.9	83	77	71	65	59	53	47	
24	28	28,178	14.8	83	77	71	65	59	53	47	
23	26	29,082	14.4		80	73	67	61	55	49	
24	27	29,222	14.3		80	74	68	61	55	49	
25	28	29,352	14.2		80	74	68	62	56	49	
17	19	29,414	14.2		80	74	68	62	56	50	
23	25	30,245	13.8		83	76	70	64	57	51	45
24	26	30,346	13.8		83	77	70	64	57	51	45
25	27	30,440	13.7		83	77	70	64	58	51	45
26	28	30,527	13.7		84	77	71	64	58	51	45
23	24	31,505	13.3			80	73	66	60	53	46
24	25	31,560	13.3			80	73	66	60	53	46
25	26	31,610	13.2			80	73	67	60	53	47
26	27	31,657	13.2			80	73	67	60	53	47
27	28	31,701	13.2			80	73	67	60	53	47
23	23	32,875	12.7			83	76	69	62	55	48
28	27	34,092	12.3				79	72	65	57	50
27	26	34,139	12.2				79	72	65	57	50
26	25	34,190	12.2				79	72	65	58	50
25	24	34,245	12.2				79	72	65	58	50
24	23	34,304	12.2				79	72	65	58	51
28	26	35,404	11.8				82	75	67	60	52
27	25	35,505	11.8				82	75	67	60	52
26	24	35,614	11.7				82	75	67	60	52
25	23	35,733	11.7				83	75	68	60	53
19	17	36,742	11.4				85	77	70	62	54
28	25	36,820	11.4				85	77	70	62	54
27	24	36,984	11.3					78	70	62	54
26	23	37,163	11.3					78	70	63	55
28	24	38,354	10.9					81	73	65	56
27	23	38,592	10.8					81	73	65	57
23	19	39,796	10.5					84	75	67	59
28	23	40,021	10.4					84	76	67	59
24	19	41,526	10.1						79	70	61
25	19	43,256	9.7						82	73	64
23	17	44,478	9.4						84	75	66
26	19	44,986	9.3						85	76	66
24	17	46,411	9.0		Not Recommended					78	68
27	19	46,717	9.0							79	69
25	17	48,345	8.6							81	71
28	19	48,447	8.6							82	71
26	17	50,279	8.3							85	74
27	17	52,213	8.0								77
28	17	54,147	7.7								80

YIELD PRO 1225 - 1625 — TWIN ROW 30" — High Range

12 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

Range Sprockets:
Driver = **15**
Driven = **20**

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population	Seed Spacing	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven	(seeds/acre)	(inches)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	**19,960**	21.0								
17	27	**20,699**	20.2								
17	26	**21,495**	19.5								
19	28	**22,308**	18.7								
17	25	**22,355**	18.7								
19	27	**23,134**	18.1								
17	24	**23,286**	18.0								
19	26	**24,024**	17.4								
17	23	**24,299**	17.2								
19	25	**24,985**	16.7								
19	24	**26,026**	16.1								
23	28	**27,004**	15.5								
19	23	**27,157**	15.4								
23	27	**28,004**	14.9								
24	28	**28,178**	14.8								
23	26	**29,082**	14.4								
24	27	**29,222**	14.3								
25	28	**29,352**	14.2								
17	19	**29,414**	14.2								
23	25	**30,245**	13.8	**45**			**Not Recommended**				
24	26	**30,346**	13.8	**45**							
25	27	**30,440**	13.7	**45**							
26	28	**30,527**	13.7	**45**							
23	24	**31,505**	13.3	**46**							
24	25	**31,560**	13.3	**46**							
25	26	**31,610**	13.2	**47**							
26	27	**31,657**	13.2	**47**							
27	28	**31,701**	13.2	**47**							
23	23	**32,875**	12.7	**48**	**45**						
28	27	**34,092**	12.3	**50**	**47**						
27	26	**34,139**	12.2	**50**	**47**						
26	25	**34,190**	12.2	**50**	**47**						
25	24	**34,245**	12.2	**50**	**47**						
24	23	**34,304**	12.2	**51**	**47**						
28	26	**35,404**	11.8	**52**	**48**	**45**					
27	25	**35,505**	11.8	**52**	**49**	**45**					
26	24	**35,614**	11.7	**52**	**49**	**45**					
25	23	**35,733**	11.7	**53**	**49**	**45**					
19	17	**36,742**	11.4	**54**	**50**	**46**					
28	25	**36,820**	11.4	**54**	**50**	**46**					
27	24	**36,984**	11.3	**54**	**51**	**47**					
26	23	**37,163**	11.3	**55**	**51**	**47**					
28	24	**38,354**	10.9	**56**	**52**	**48**					
27	23	**38,592**	10.8	**57**	**53**	**49**	**45**				
23	19	**39,796**	10.5	**59**	**54**	**50**	**46**				
28	23	**40,021**	10.4	**59**	**55**	**51**	**46**				
24	19	**41,526**	10.1	**61**	**57**	**52**	**48**				
25	19	**43,256**	9.7	**64**	**59**	**55**	**50**	**46**			
23	17	**44,478**	9.4	**66**	**61**	**56**	**51**	**47**			
26	19	**44,986**	9.3	**66**	**62**	**57**	**52**	**47**			
24	17	**46,411**	9.0	**68**	**63**	**59**	**54**	**49**			
27	19	**46,717**	9.0	**69**	**64**	**59**	**54**	**49**			
25	17	**48,345**	8.6	**71**	**66**	**61**	**56**	**51**	**46**		
28	19	**48,447**	8.6	**71**	**66**	**61**	**56**	**51**	**46**		
26	17	**50,279**	8.3	**74**	**69**	**63**	**58**	**53**	**48**		
27	17	**52,213**	8.0		**71**	**66**	**60**	**55**	**49**		
28	17	**54,147**	7.7		**74**	**68**	**63**	**57**	**51**	**46**	

YIELD PRO 1225 - 1625 — 30" ROWS — Low Range

6 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

Range Sprockets:
Driver = **30**
Driven = **15**

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population	Seed Spacing	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven	(seeds/acre)	(inches)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	13,306	15.7		73	67	62	56	50	45	
17	27	13,799	15.2			70	64	58	52	46	
17	26	14,330	14.6			72	66	60	54	48	
19	28	14,872	14.1			75	69	63	56	50	
17	25	14,903	14.0			75	69	63	56	50	
19	27	15,423	13.6				71	65	58	52	45
17	24	15,524	13.5				72	65	59	52	46
19	26	16,016	13.1				74	67	61	54	47
17	23	16,199	12.9				75	68	61	55	48
19	25	16,657	12.6					70	63	56	49
19	24	17,351	12.1					73	66	58	51
23	28	18,003	11.6						68	61	53
19	23	18,105	11.5						69	61	53
23	27	18,670	11.2						71	63	55
24	28	18,786	11.1						71	63	55
23	26	19,388	10.8						73	65	57
24	27	19,481	10.7						74	66	57
25	28	19,568	10.7						74	66	58
17	19	19,609	10.7						74	66	58
23	25	20,163	10.4							68	59
24	26	20,231	10.3							68	60
25	27	20,293	10.3							68	60
26	28	20,351	10.3							69	60
23	24	21,003	10.0							71	62
24	25	21,040	9.9							71	62
25	26	21,074	9.9							71	62
26	27	21,105	9.9							71	62
27	28	21,134	9.9							71	62
23	23	21,916	9.5							74	65
28	27	22,728	9.2								67
27	26	22,759	9.2								67
26	25	22,793	9.2								67
25	24	22,830	9.2								67
24	23	22,869	9.1			Not Recommended					67
28	26	23,602	8.9								70
27	25	23,670	8.8								70
26	24	23,743	8.8								70
25	23	23,822	8.8								70
19	17	24,495	8.5								72
28	25	24,546	8.5								72
27	24	24,656	8.5								73
26	23	24,775	8.4								73
28	24	25,569	8.2								75
27	23	25,728	8.1								
23	19	26,530	7.9								
28	23	26,681	7.8								
24	19	27,684	7.6								
25	19	28,837	7.3								
23	17	29,652	7.1								
26	19	29,991	7.0								
24	17	30,941	6.8								
27	19	31,144	6.7								
25	17	32,230	6.5								
28	19	32,298	6.5								
26	17	33,519	6.2								
27	17	34,809	6.0								
28	17	36,098	5.8								

YIELD PRO 1225 - 1625 — 30" ROWS — Low Range

12 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

Range Sprockets:
Driver = **30**
Driven = **30**

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population	Seed Spacing	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven	(seeds/acre)	(inches)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	13,306	15.7								
17	27	13,799	15.2								
17	26	14,330	14.6								
19	28	14,872	14.1								
17	25	14,903	14.0								
19	27	15,423	13.6	45							
17	24	15,524	13.5	46							
19	26	16,016	13.1	47							
17	23	16,199	12.9	48				Not Recommended			
19	25	16,657	12.6	49	46						
19	24	17,351	12.1	51	47						
23	28	18,003	11.6	53	49	45					
19	23	18,105	11.5	53	50	46					
23	27	18,670	11.2	55	51	47					
24	28	18,786	11.1	55	51	47					
23	26	19,388	10.8	57	53	49	45				
24	27	19,481	10.7	57	53	49	45				
25	28	19,568	10.7	58	54	49	45				
17	19	19,609	10.7	58	54	50	45				
23	25	20,163	10.4	59	55	51	47				
24	26	20,231	10.3	60	55	51	47				
25	27	20,293	10.3	60	56	51	47				
26	28	20,351	10.3	60	56	51	47				
23	24	21,003	10.0	62	57	53	49				
24	25	21,040	9.9	62	58	53	49				
25	26	21,074	9.9	62	58	53	49				
26	27	21,105	9.9	62	58	53	49				
27	28	21,134	9.9	62	58	53	49				
23	23	21,916	9.5	65	60	55	51	46			
28	27	22,728	9.2	67	62	57	53	48			
27	26	22,759	9.2	67	62	57	53	48			
26	25	22,793	9.2	67	62	58	53	48			
25	24	22,830	9.2	67	62	58	53	48			
24	23	22,869	9.1	67	63	58	53	48			
28	26	23,602	8.9	70	65	60	55	50	45		
27	25	23,670	8.8	70	65	60	55	50	45		
26	24	23,743	8.8	70	65	60	55	50	45		
25	23	23,822	8.8	70	65	60	55	50	45		
19	17	24,495	8.5	72	67	62	57	52	46		
28	25	24,546	8.5	72	67	62	57	52	46		
27	24	24,656	8.5	73	67	62	57	52	47		
26	23	24,775	8.4	73	68	63	57	52	47		
28	24	25,569	8.2	75	70	65	59	54	48		
27	23	25,728	8.1		70	65	60	54	49		
23	19	26,530	7.9		73	67	61	56	50	45	
28	23	26,681	7.8		73	67	62	56	51	45	
24	19	27,684	7.6			70	64	58	52	47	
25	19	28,837	7.3			73	67	61	55	49	
23	17	29,652	7.1			75	69	62	56	50	
26	19	29,991	7.0				69	63	57	50	
24	17	30,941	6.8				72	65	59	52	46
27	19	31,144	6.7				72	66	59	52	46
25	17	32,230	6.5				75	68	61	54	47
28	19	32,298	6.5				75	68	61	54	48
26	17	33,519	6.2					71	63	56	49
27	17	34,809	6.0					73	66	59	51
28	17	36,098	5.8		Not Recommended				68	61	53

YIELD PRO 1225 - 1625 — 30" ROWS — High Range

12 Finger Meter

ATTENTION ! ! ! (For all seed corn types)

Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

Range Sprockets:
Driver = **30**
Driven = **20**

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population (seeds/acre)	Seed Spacing (inches)	Ground Speed 7 mph Meter (rpm)	6.5 mph Meter (rpm)	6 mph Meter (rpm)	5.5 mph Meter (rpm)	5 mph Meter (rpm)	4.5 mph Meter (rpm)	4 mph Meter (rpm)	3.5 mph Meter (rpm)
Driver	Driven										
17	28	19,960	10.5	59	55	50	46				
17	27	20,699	10.1	61	57	52	48		Not Recommended		
17	26	21,495	9.7	63	59	54	50	45			
19	28	22,308	9.4	66	61	56	52	47			
17	25	22,355	9.4	66	61	56	52	47			
19	27	23,134	9.0	68	63	58	54	49			
17	24	23,286	9.0	69	64	59	54	49			
19	26	24,024	8.7	71	66	61	56	51	45		
17	23	24,299	8.6	72	66	61	56	51	46		
19	25	24,985	8.4	74	68	63	58	53	47		
19	24	26,026	8.0		71	66	60	55	49		
23	28	27,004	7.7		74	68	63	57	51	45	
19	23	27,157	7.7		74	69	63	57	51	46	
23	27	28,004	7.5			71	65	59	53	47	
24	28	28,178	7.4			71	65	59	53	47	
23	26	29,082	7.2			73	67	61	55	49	
24	27	29,222	7.2			74	68	61	55	49	
25	28	29,352	7.1			74	68	62	56	49	
17	19	29,414	7.1			74	68	62	56	50	
23	25	30,245	6.9				70	64	57	51	45
24	26	30,346	6.9				70	64	57	51	45
25	27	30,440	6.9				70	64	58	51	45
26	28	30,527	6.8				71	64	58	51	45
23	24	31,505	6.6				73	66	60	53	46
24	25	31,560	6.6				73	66	60	53	46
25	26	31,610	6.6				73	67	60	53	47
26	27	31,657	6.6				73	67	60	53	47
27	28	31,701	6.6				73	67	60	53	47
23	23	32,875	6.4					69	62	55	48
28	27	34,092	6.1					72	65	57	50
27	26	34,139	6.1					72	65	57	50
26	25	34,190	6.1					72	65	58	50
25	24	34,245	6.1					72	65	58	50
24	23	34,304	6.1					72	65	58	51
28	26	35,404	5.9					75	67	60	52
27	25	35,505	5.9					75	67	60	52
26	24	35,614	5.9					75	67	60	52
25	23	35,733	5.9					75	68	60	53
19	17	36,742	5.7						70	62	54
28	25	36,820	5.7						70	62	54
27	24	36,984	5.7						70	62	54
26	23	37,163	5.6						70	63	55
28	24	38,354	5.5						73	65	56
27	23	38,592	5.4						73	65	57
23	19	39,796	5.3						75	67	59
28	23	40,021	5.2							67	59
24	19	41,526	5.0		Not Recommended					70	61
25	19	43,256	4.8							73	64
23	17	44,478	4.7							75	66
26	19	44,986	4.6								66
24	17	46,411	4.5								68
27	19	46,717	4.5								69
25	17	48,345	4.3								71
28	19	48,447	4.3								71
26	17	50,279	4.2								74
27	17	52,213	4.0								
28	17	54,147	3.9								

YIELD PRO 1225 - 1625

TWIN ROW 36"
6 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

For Round Corn optimum meter speed is 45 to 85 RPM
(Shaded & Non-shaded areas)

Range Sprockets:
Driver = **30**
Driven = **18**

For Flat Corn optimum meter speed is 60 to 85 RPM
(Shaded area)

Transmission Combinations		Seed Population	Seed Spacing	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven	(seeds/acre)	(inches)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	**18,481**	18.9	65	61	56	51	47	Not Recommended		
17	27	**19,166**	18.2	68	63	58	53	48			
17	26	**19,903**	17.5	70	65	60	55	50	45		
19	28	**20,655**	16.9	73	68	63	57	52	47		
17	25	**20,699**	16.8	73	68	63	57	52	47		
19	27	**21,420**	16.3	76	70	65	60	54	49		
17	24	**21,561**	16.2	76	71	65	60	54	49		
19	26	**22,244**	15.7	79	73	67	62	56	51	45	
17	23	**22,499**	15.5	80	74	68	62	57	51	45	
19	25	**23,134**	15.1	82	76	70	64	58	53	47	
19	24	**24,098**	14.5	85	79	73	67	61	55	49	
23	28	**25,004**	13.9		82	76	69	63	57	51	
19	23	**25,146**	13.9		83	76	70	63	57	51	
23	27	**25,930**	13.4		85	79	72	65	59	52	46
24	28	**26,091**	13.4			79	72	66	59	53	46
23	26	**26,927**	12.9			82	75	68	61	54	48
24	27	**27,057**	12.9			82	75	68	61	55	48
25	28	**27,178**	12.8			82	75	69	62	55	48
17	19	**27,235**	12.8			83	76	69	62	55	48
23	25	**28,004**	12.4			85	78	71	64	57	50
24	26	**28,098**	12.4			85	78	71	64	57	50
25	27	**28,185**	12.4			85	78	71	64	57	50
26	28	**28,265**	12.3				79	71	64	57	50
23	24	**29,171**	11.9				81	74	66	59	52
24	25	**29,222**	11.9				81	74	66	59	52
25	26	**29,269**	11.9				81	74	67	59	52
26	27	**29,312**	11.9				81	74	67	59	52
27	28	**29,352**	11.9				82	74	67	59	52
23	23	**30,440**	11.4				85	77	69	61	54
28	27	**31,567**	11.0					80	72	64	56
27	26	**31,610**	11.0					80	72	64	56
26	25	**31,657**	11.0					80	72	64	56
25	24	**31,708**	11.0					80	72	64	56
24	23	**31,763**	11.0					80	72	64	56
28	26	**32,781**	10.6					83	75	66	58
27	25	**32,875**	10.6					83	75	66	58
26	24	**32,976**	10.6					83	75	67	58
25	23	**33,087**	10.5					84	75	67	58
19	17	**34,021**	10.2						77	69	60
28	25	**34,092**	10.2						77	69	60
27	24	**34,245**	10.2						78	69	61
26	23	**34,410**	10.1						78	70	61
28	24	**35,513**	9.8						81	72	63
27	23	**35,733**	9.8						81	72	63
23	19	**36,848**	9.5						84	74	65
28	23	**37,057**	9.4						84	75	66
24	19	**38,450**	9.1							78	68
25	19	**40,052**	8.7		Not Recommended					81	71
23	17	**41,183**	8.5							83	73
26	19	**41,654**	8.4							84	74
24	17	**42,974**	8.1								76
27	19	**43,256**	8.1								76
25	17	**44,764**	7.8								79
28	19	**44,858**	7.8								79
26	17	**46,555**	7.5								82
27	17	**48,345**	7.2								85
28	17	**50,136**	7.0								

YIELD PRO 1225 - 1625

36" ROWS
12 Finger Meter

ATTENTION ! ! ! (For all seed corn types)
Great Plains always recommends test stand calibration of the finger meter to the population and ground speed desired

Range Sprockets:
Driver = **30**
Driven = **18**

For Round Corn optimum meter speed is 45 to 75 RPM
(Shaded & Non-shaded areas)

For Flat Corn optimum meter speed is 60 to 75 RPM
(Shaded area)

Transmission Combinations		Seed Population (seeds/acre)	Seed Spacing (inches)	Ground Speed							
				7 mph	6.5 mph	6 mph	5.5 mph	5 mph	4.5 mph	4 mph	3.5 mph
Driver	Driven			Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)	Meter (rpm)
17	28	18,481	9.4	65	61	56	51	47	Not Recommended		
17	27	19,166	9.1	68	63	58	53	48			
17	26	19,903	8.8	70	65	60	55	50	45		
19	28	20,655	8.4	73	68	63	57	52	47		
17	25	20,699	8.4	73	68	63	57	52	47		
19	27	21,420	8.1		70	65	60	54	49		
17	24	21,561	8.1		71	65	60	54	49		
19	26	22,244	7.8		73	67	62	56	51	45	
17	23	22,499	7.7		74	68	62	57	51	45	
19	25	23,134	7.5			70	64	58	53	47	
19	24	24,098	7.2			73	67	61	55	49	
23	28	25,004	7.0				69	63	57	51	
19	23	25,146	6.9				70	63	57	51	
23	27	25,930	6.7				72	65	59	52	46
24	28	26,091	6.7				72	66	59	53	46
23	26	26,927	6.5				75	68	61	54	48
24	27	27,057	6.4				75	68	61	55	48
25	28	27,178	6.4				75	69	62	55	48
17	19	27,235	6.4					69	62	55	48
23	25	28,004	6.2					71	64	57	50
24	26	28,098	6.2					71	64	57	50
25	27	28,185	6.2					71	64	57	50
26	28	28,265	6.2					71	64	57	50
23	24	29,171	6.0					74	66	59	52
24	25	29,222	6.0					74	66	59	52
25	26	29,269	6.0					74	67	59	52
26	27	29,312	5.9					74	67	59	52
27	28	29,352	5.9					74	67	59	52
23	23	30,440	5.7						69	61	54
28	27	31,567	5.5						72	64	56
27	26	31,610	5.5						72	64	56
26	25	31,657	5.5						72	64	56
25	24	31,708	5.5						72	64	56
24	23	31,763	5.5						72	64	56
28	26	32,781	5.3						75	66	58
27	25	32,875	5.3						75	66	58
26	24	32,976	5.3						75	67	58
25	23	33,087	5.3						75	67	58
19	17	34,021	5.1							69	60
28	25	34,092	5.1							69	60
27	24	34,245	5.1							69	61
26	23	34,410	5.1							70	61
28	24	35,513	4.9							72	63
27	23	35,733	4.9							72	63
23	19	36,848	4.7							74	65
28	23	37,057	4.7							75	66
24	19	38,450	4.5		Not Recommended						68
25	19	40,052	4.4								71
23	17	41,183	4.2								73
26	19	41,654	4.2								74
24	17	42,974	4.1								
27	19	43,256	4.0								
25	17	44,764	3.9								
28	19	44,858	3.9								
26	17	46,555	3.7								
27	17	48,345	3.6								
28	17	50,136	3.5								

Sprocket Indexing Charts for Finger Pickup Meters

NOTE: The charts on pages 30-33 are to be used for indexing finger pickup meter sprockets only!!! Indexing sprockets will help time twin rows to drop seeds in an alternating sequence.

THESE CHARTS ARE NOT SEED RATE CHARTS.

NOTE: This chart is to be used for indexing finger pickup meter sprockets only!!! Indexing sprockets will help time twin rows to drop seeds in an alternating sequence.

This chart is NOT a seed rate chart.

Twin Row 30" 6 Finger Meter

Population Range		Seed Spacing Range		Front Meter Sprocket Tooth #	Rear Meter Sprocket Tooth #
15700	17300	26.6	24.2	1	4
17300	18800	24.2	22.2	1	7
18800	20400	22.2	20.5	1	10
20400	22000	20.5	19.0	1	13
22000	23600	19.0	17.7	1	16
23600	25000	17.7	16.7	1	19
25000	26600	16.7	15.7	1	3
26600	28300	15.7	14.8	1	6
28300	29900	14.8	14.0	1	9
29900	31500	14.0	13.3	1	12
31500	33000	13.3	12.7	1	15
33000	34700	12.7	12.1	1	18
34700	36200	12.1	11.6	1	2
36200	37800	11.6	11.1	1	5
37800	39300	11.1	10.6	1	8
39300	40800	10.6	10.2	1	11
40800	42500	10.2	9.8	1	14
42500	44000	9.8	9.5	1	17
44000	45400	9.5	9.2	1	1
45400	47000	9.2	8.9	1	4
47000	48600	8.9	8.6	1	7
48600	50400	8.6	8.3	1	10
50400	51800	8.3	8.1	1	13
51800	53300	8.1	7.8	1	16

1. Pick the planting population which you want to plant from the chart above.

Note: When indexing sprockets, the top side of the meter drive chain must be tight.

2. Set the front row meter drive sprockets so the tooth stamped #1 is straight up.
3. Set the rear row meter drive sprockets to match the number from the chart above. Be sure the number is straight up.

NOTE: This chart is to be used for indexing finger pickup meter sprockets only!!! Indexing sprockets will help time twin rows to drop seeds in an alternating sequence.

This chart is NOT a seed rate chart.

Twin Row 36" 6 Finger Meter

Population Range		Seed Spacing Range		Front Meter Sprocket Tooth #	Rear Meter Sprocket Tooth #
13100	14400	26.6	24.2	1	4
14400	15700	24.2	22.2	1	7
15700	17000	22.2	20.5	1	10
17000	18300	20.5	19.0	1	13
18300	19700	19.0	17.7	1	16
19700	20900	17.7	16.7	1	19
20900	22200	16.7	15.7	1	3
22200	23600	15.7	14.8	1	6
23600	24900	14.8	14.0	1	9
24900	26200	14.0	13.3	1	12
26200	27500	13.3	12.7	1	15
27500	28900	12.7	12.1	1	18
28900	30200	12.1	11.5	1	2
30200	31500	11.5	11.1	1	5
31500	32800	11.1	10.6	1	8
32800	34000	10.6	10.2	1	11
34000	35400	10.2	9.8	1	14
35400	36700	9.8	9.5	1	17
36700	37800	9.5	9.2	1	1
37800	39200	9.2	8.9	1	4
39200	40500	8.9	8.6	1	7
40500	42000	8.6	8.3	1	10
42000	43200	8.3	8.1	1	13
43200	44400	8.1	7.8	1	16

1. Pick the planting population which you want to plant from the chart above.

Note: When indexing sprockets, the top side of the meter drive chain must be tight.

2. Set the front row meter drive sprockets so the tooth stamped #1 is straight up.
3. Set the rear row meter drive sprockets to match the number from the chart above. Be sure the number is straight up.

NOTE: This chart is to be used for indexing finger pickup meter sprockets only!!! Indexing sprockets will help time twin rows to drop seeds in an alternating sequence.

This chart is NOT a seed rate chart.

Twin Row 30" 12 Finger Meter

Population Range		Seed Spacing Range		Front Meter Sprocket Tooth #	Rear Meter Sprocket Tooth #
26600	28300	15.7	14.8	1	13
28300	29900	14.8	14.0	1	5
29900	31500	14.0	13.3	1	16
31500	33000	13.3	12.7	1	8
33000	34700	12.7	12.1	1	19
34700	36200	12.1	11.6	1	11
36200	37800	11.6	11.1	1	3
37800	39300	11.1	10.6	1	14
39300	40800	10.6	10.3	1	6
40800	42500	10.3	9.8	1	17
42500	44000	9.8	9.5	1	9
44000	45400	9.5	9.2	1	1
45400	47000	9.2	8.9	1	12
47000	48600	8.9	8.6	1	4
48600	50400	8.6	8.3	1	15
50400	51800	8.3	8.1	1	7
51800	53300	8.1	7.9	1	18
53300	55000	7.9	7.6	1	10
55000	56600	7.6	7.4	1	2
56600	58200	7.4	7.2	1	13
58200	59700	7.2	7.0	1	5
59700	61300	7.0	6.8	1	16
61300	62900	6.8	6.7	1	8
62900	64400	6.7	6.5	1	19

1. Pick the planting population which you want to plant from the chart above.

Note: When indexing sprockets, the top side of the meter drive chain must be tight.

2. Set the front row meter drive sprockets so the tooth stamped #1 is straight up.
3. Set the rear row meter drive sprockets to match the number from the chart above. Be sure the number is straight up.

NOTE: This chart is to be used for indexing finger meter sprockets only!!! Indexing sprockets will help time twin rows to drop seeds in an alternating sequence.

This chart is NOT a seed rate chart.

Twin Row 36" 12 Finger Meter

Population Range		Seed Spacing Range		Front Meter Sprocket Tooth #	Rear Meter Sprocket Tooth #
22200	23600	15.7	14.8	1	13
23600	24900	14.8	14.0	1	5
24900	26200	14.0	13.3	1	16
26200	27500	13.3	12.7	1	8
27500	28900	12.7	12.1	1	19
28900	30200	12.1	11.6	1	11
30200	31500	11.6	11.1	1	3
31500	32800	11.1	10.6	1	14
32800	34000	10.6	10.3	1	6
34000	35400	10.3	9.8	1	17
35400	36700	9.8	9.5	1	9
36700	37800	9.5	9.2	1	1
37800	39200	9.2	8.9	1	12
39200	40500	8.9	8.6	1	4
40500	42000	8.6	8.3	1	15
42000	43200	8.3	8.1	1	7
43200	44400	8.1	7.9	1	18
44400	45900	7.9	7.6	1	10
45900	47200	7.6	7.4	1	2
47200	48500	7.4	7.2	1	13
48500	49800	7.2	7.0	1	5
49800	51100	7.0	6.8	1	16
51100	52400	6.8	6.7	1	8
52400	53700	6.7	6.5	1	19

1. Pick the planting population which you want to plant from the chart above.

Note: When indexing sprockets, the top side of the meter drive chain must be tight.

2. Set the front row meter drive sprockets so the tooth stamped #1 is straight up.
3. Set the rear row meter drive sprockets to match the number from the chart above. Be sure the number is straight up.

Veris Drive Calibrating Instructions

Calibration

Refer to Figure 1

1. Turn on Controller Console by pressing On/VR key. Green light above On/VR key will illuminate when power is on. Adjust desired planting rate by using the Up/Down arrow keys to change the Set rate.
2. Set the desired Rate by using the Up/Down arrow keys.

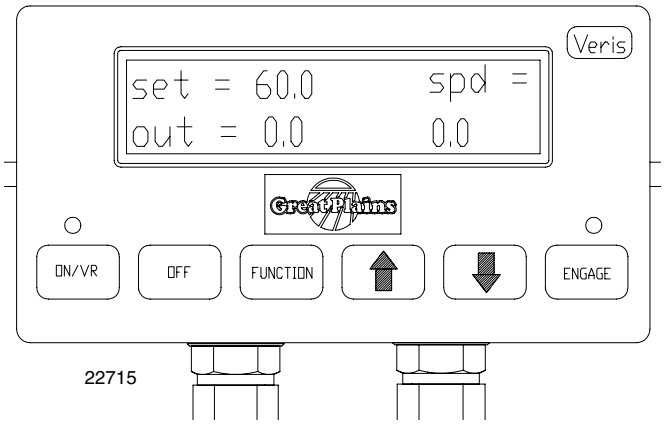

Figure 1

Refer to Figure 2

3. Press Function key until Calibration Number window appears. Select drive calibration number based on row spacing and metering wheel from the Veris Drive Calibration Numbers Chart. Use Up/Down arrow keys to set Calibration Number.

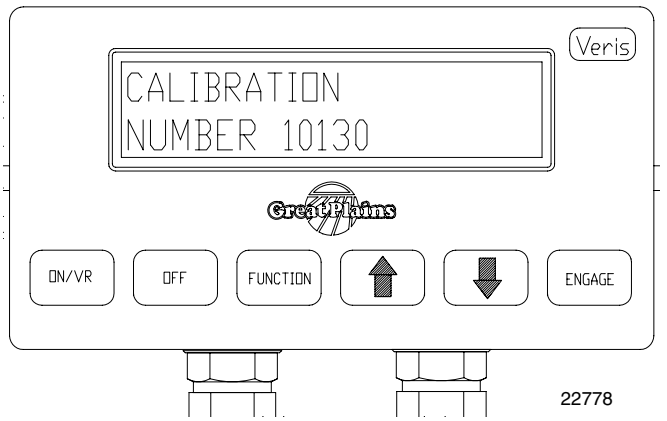

Figure 2

Refer to Figure 3

4. Press Function key until the Calibration windows appears as shown.
5. Press Up arrow key to enter calibration mode.

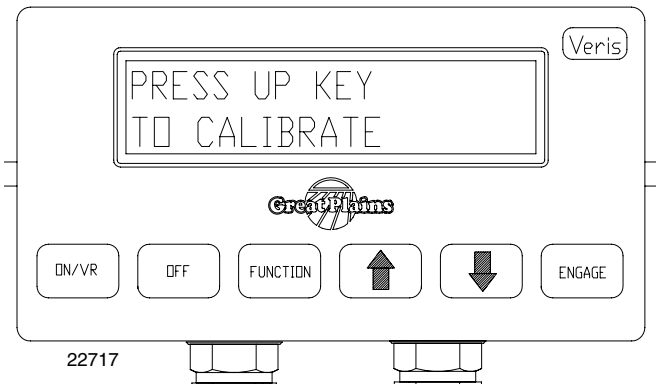

Figure 3

Refer to Figure 4

6. This is the first window that appears in Calibration mode. Press Function key to accept or Up key to change to metric settings.

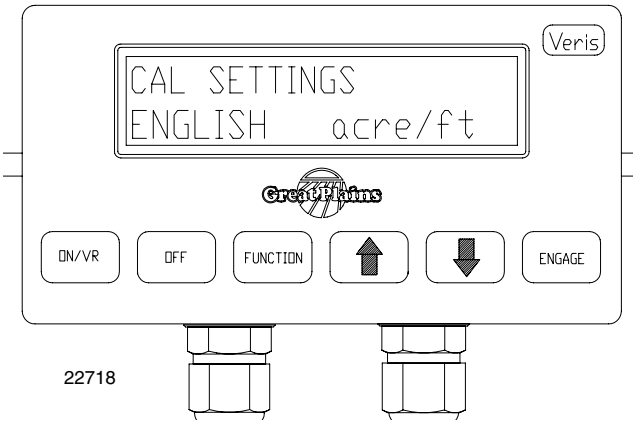

Figure 4

Refer to Figure 5

7. Enter drill width here using Up/Down arrow keys. Press Function key to advance to next window.

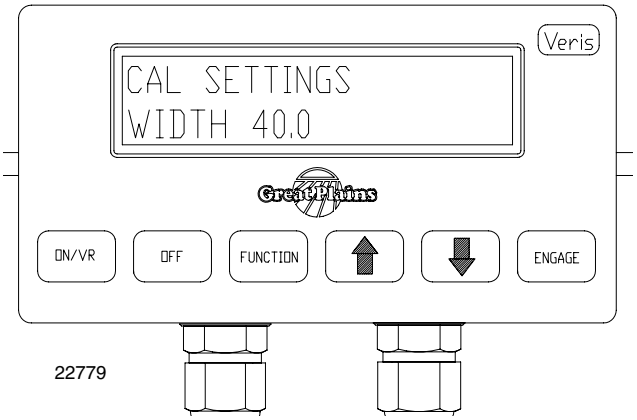

Figure 5

Refer to Figure 6

8. Enter number of rows here using Up/Down arrow keys. Press Function key to advance to next window.

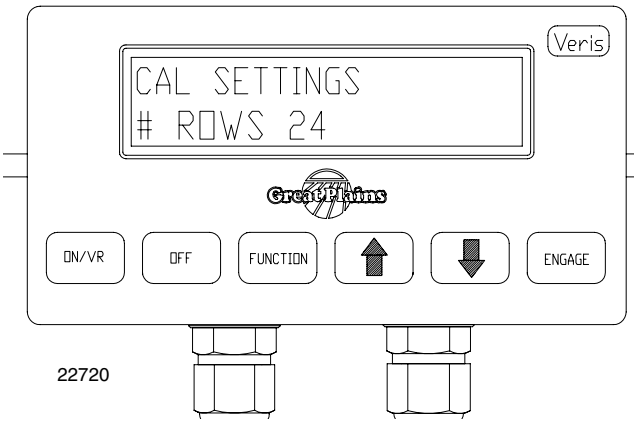

Figure 6

Refer to Figure 7

9. Enter your planned planting speed using Up/Down arrow keys. Calibration mode will not accept a speed higher than 10 mph. Press Function key to advance to next window.

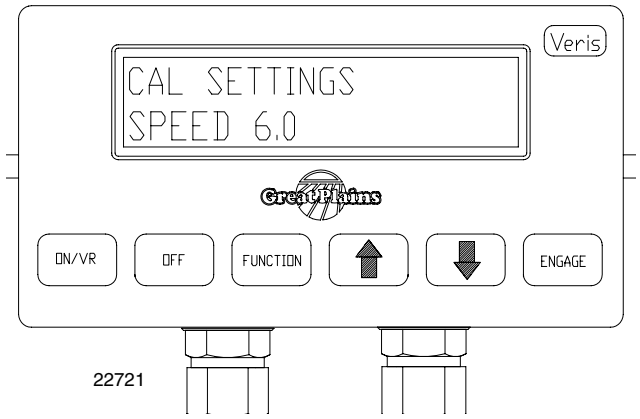

Figure 7

Refer to Figure 8

10. Enter the amount of seed you want to measure. For volumetric metering, this should be at least 1/4 of a lb. For singulated metering, at least 100 seeds should be selected. Press Function key to advance to next window.

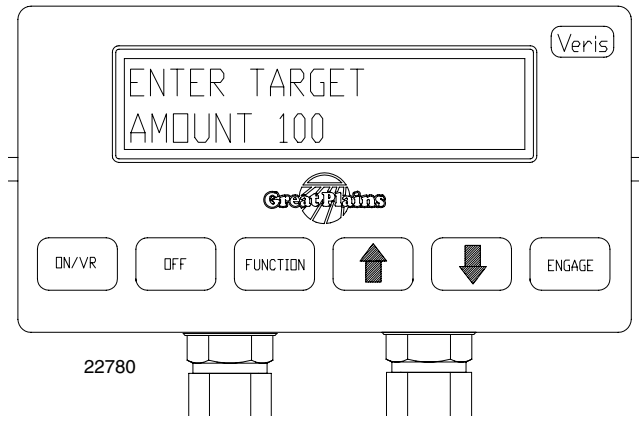

Figure 8

Refer to Figure 9

11. The cab console is informing you the length of time that the drive will be operating, in order to meter the amount of seed you have requested, at the calibration number, drill width, and number of rows you have selected. Press Function key to advance to next window.

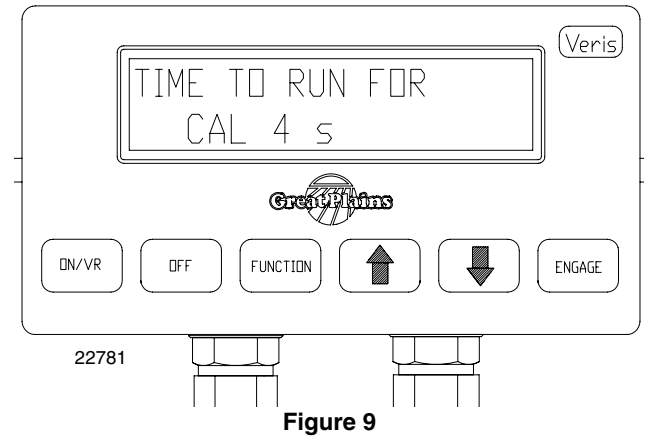

Figure 9

Refer to Figure 10

12. If the screen reads TIME TOO LOW or TIME TOO HIGH, you will need to change the amount of seed that you will count or measure. For calibration accuracy, the Controller firmware will not allow you to calibrate at settings that would result in the drive rotating for less than 4 seconds or more than 255 seconds. Press Function key to advance to next window.

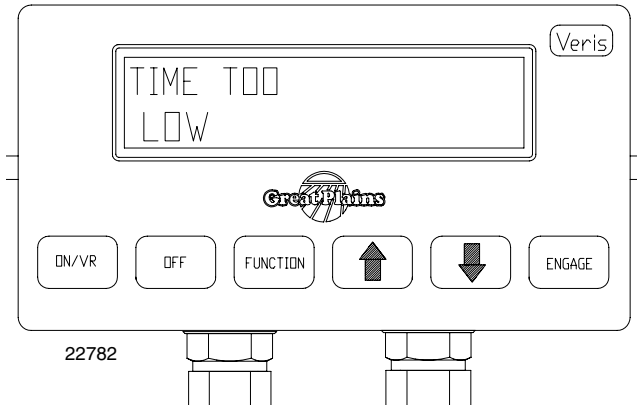

Figure 10

Refer to Figure 11

WARNING

The drive is about to operate. There is a danger of entanglement if anyone is in the drive area. Be sure to verify that no one is near the drive area before advancing to the next step.

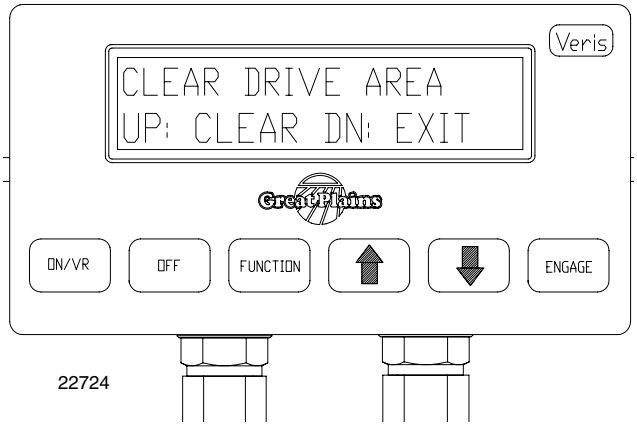

Figure 11

Refer to Figure 12

13. Only after you have verified the drive area is clear, press the Up arrow key to initiate calibration mode. If drive area isn't clear, press Down arrow key to exit calibration mode.

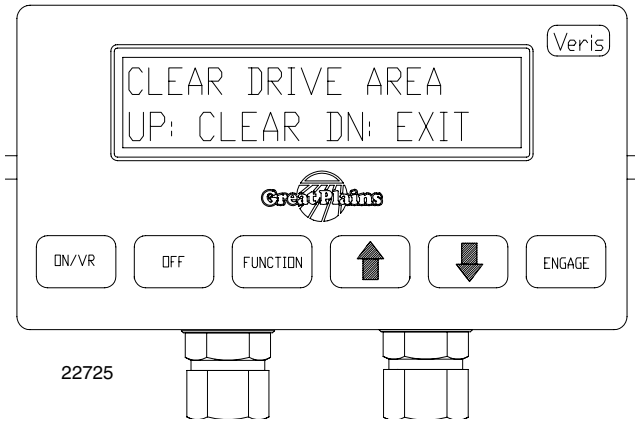

Figure 12

Refer to Figure 13

14. Continuing to verify that the drive area is clear, press the Engage key to start drive rotation. Pressing Function key will exit calibration mode.

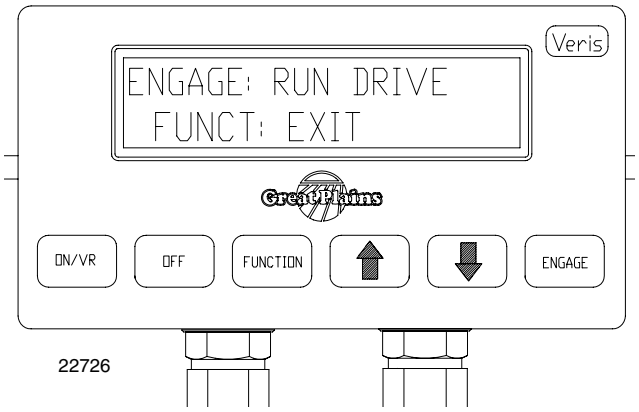

Figure 13

Refer to Figure 14

15. While the drive is rotating, the display window shows the time remaining and the “Out” rate. CONTINUE TO MONITOR DRIVE AREA DURING DRIVE ROTATION. PRESS THE ENGAGE KEY (OR OFF KEY) TO STOP DRIVE DURING CALIBRATION.

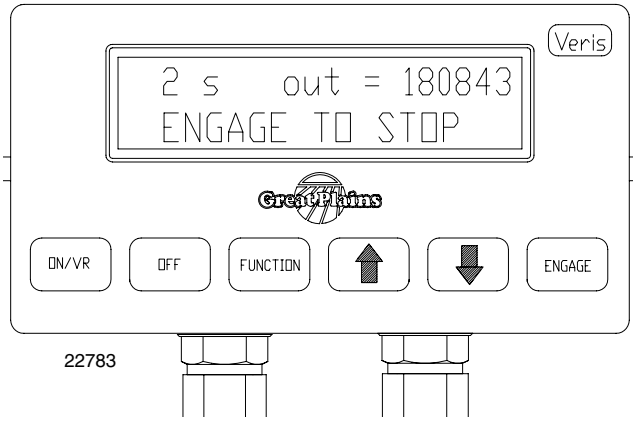

Figure 14

Refer to Figure 15

16. After Calibration meter rotation has ended, this screen will appear.

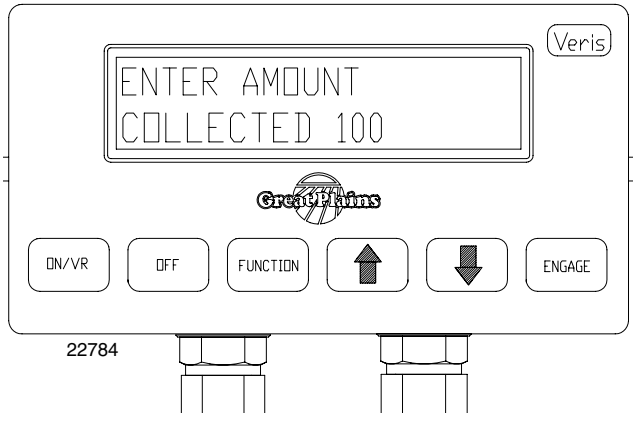

Figure 15

Refer to Figure 16

17. Enter the actual amount metered using the Up/ Down arrow keys. Press Function key to advance to next window.

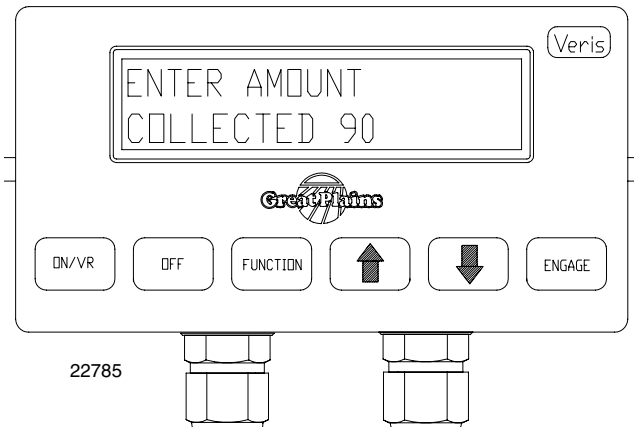

Figure 16

Refer to Figure 17

18. A New calibration number is suggested, along with the Old calibration number.

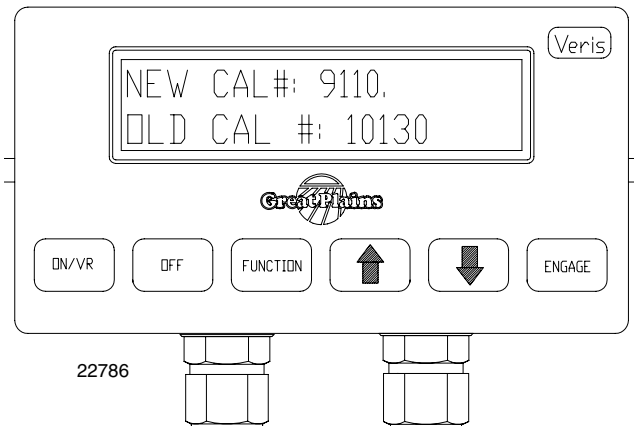

Figure 17

Refer to Figure 18

19. Press Function key to advance to window shown.
20. If you wish to keep the Old number, perhaps to rerun the calibration procedure, press the Down arrow key. If you want to accept the New calibration number, press the Up arrow key.

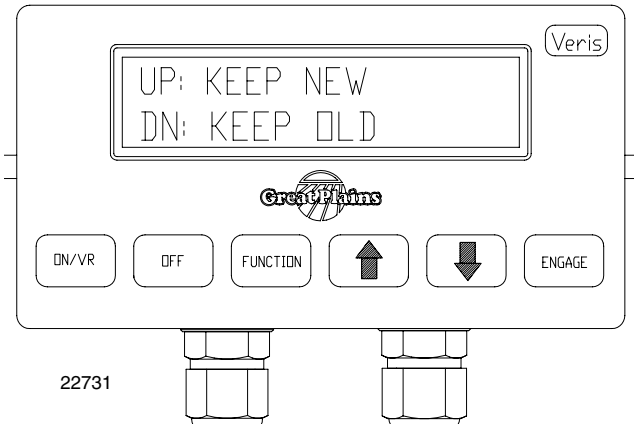

Figure 18

Refer to Figure 19

21. Console window now displays the calibration number you have selected.

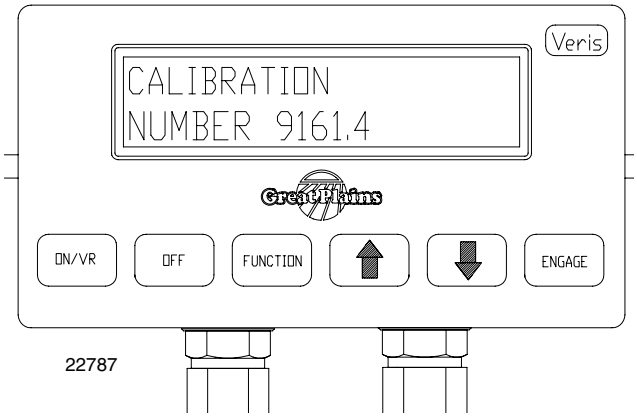

Figure 19

Refer to Figure 20

22. This returns you back to the beginning of Calibration mode as shown. To rerun the Calibration procedure, follow the steps outlined in step 20. It is suggested that you perform the calibration mode at least twice, and additional replications may be needed if Target and Actual amounts vary significantly.

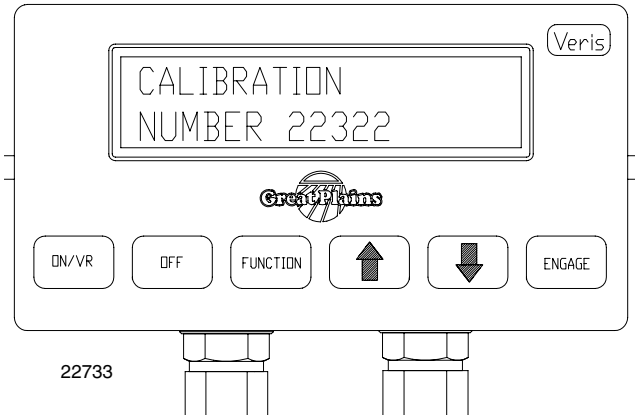

Figure 20

Speed Calibration

In order to fine-tune the default speed calculation or to convert to radar speed signal, the controller may be calibrated as follows:

Refer to Figure 21

1. To calibrate the Controller for speed, press the Function key until the screen appears, as shown.

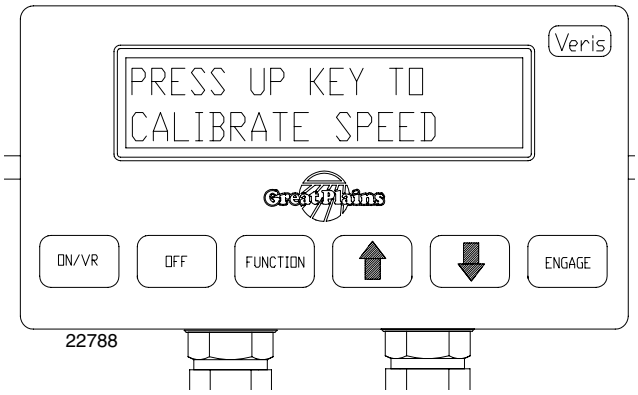

Figure 21

Refer to Figure 22

2. Press up to initiate new speed calibration routine; press Down to restore factory default settings.

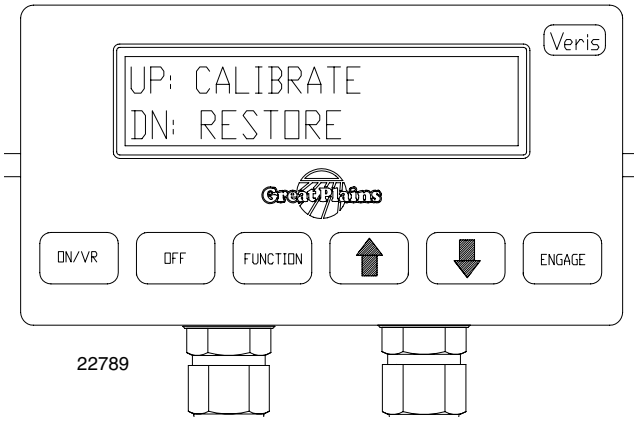

Figure 22

Refer to Figure 23

3. Set two flags 400' apart (100 meters if in metric mode). Begin driving at a normal field speed; the tractor passes the first flag, press engage.

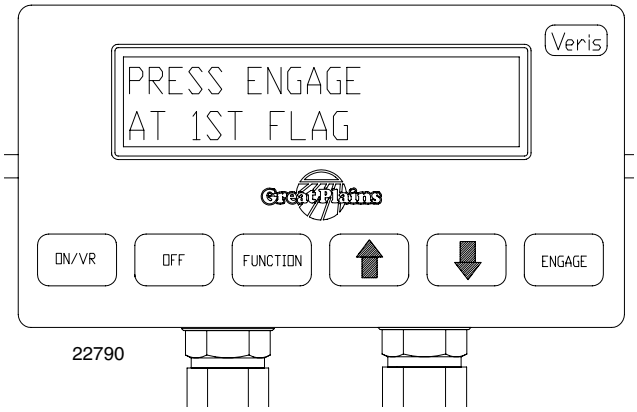

Figure 23

Refer to Figure 24

4. The display will show the distance traveled.

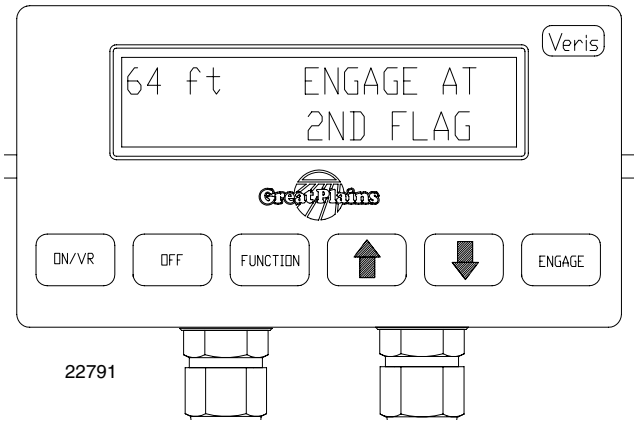

Figure 24

Refer to Figure 25

5. When the tractor passes the second flag, press engage again.

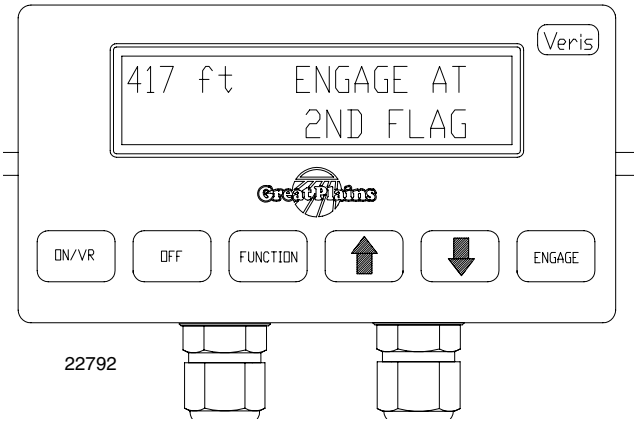

Figure 25

Refer to Figure 26

6. The display will show the error or difference between the traveled distance and the distance calculated by the Controller.

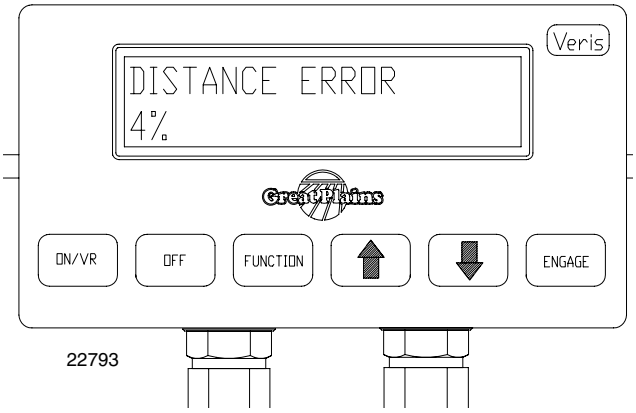

Figure 26

Refer to Figure 27

7. If this is the first time the unit has been calibrated, this error can be large. Accept the new speed calibration and rerun the course. Re-calibrate until the error is within 5%. The cab console will give you the option each time you calibrate of accepting the new settings or keeping the previous settings.

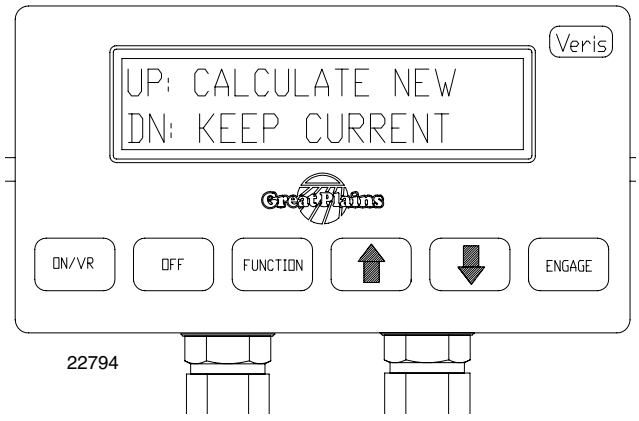

Figure 27

Planting calibration for 12 and 16 Row Yield-Pro®

Crop	Meter Type	Row Spacing	Min Plant Rate	Max Plant Rate	CAL Number
Corn	20”	12 finger meter	23,100	54,100	1386**
Corn	Twin Row 30”	6 finger meter	15,400	54,100	924**
Corn	Twin Row 30”	12 finger meter	30,200	54,100	1848**
Corn	30”	6 finger meter	13,300	28,800	462**
Corn	30”	12finger meter	15,400	54,100	924**
Corn	Twin Row 36”	6 finger meter	18,500	50,000	770***
Corn	36”	12 finger meter	18,500	50,000	770***
Corn	Twin Row 30”	28 cell meter	15,500	42,100	4313**
Corn	Twin Row 36”	28 cell meter	15,500	42,100	3594***
Cotton	Twin Row 30”	120 cell meter	66,500	180,500	18485**
Cotton	30”	120 cell meter	33,200	90,200	9242***
Cotton	Twin Row 36”	120 cell meter	55,400	150,400	15404***
Cotton	36”	120 cell meter	28,300	76,700	7702***
Milo	15”	51 cell meter	28,300	76,700	7855**
Milo	Twin Row 30”	51 cell meter	28,300	76,700	7856**
Milo	20”	51 cell meter	28,300	76,700	5892**
Milo	30”	51 cell meter	28,300	76,700	3928***
Milo	Twin Row 36”	51 cell meter	28,300	76,700	6547***
Milo	36”	51 cell meter	28,300	76,700	3273***
Milo	15”	102 cell meter	56,600	153,400	15710**
Milo	Twin Row 30”	102 cell meter	56,600	153,400	15712**
Milo	20”	102 cell meter	56,600	153,400	11784**
Milo	30”	102 cell meter	56,600	153,400	7856***
Milo	Twin Row 36”	102 cell meter	56,600	153,400	13093***
Milo	36”	102 cell meter	56,600	153,400	6547***
Milo	15”	135 cell meter	74,800	203,000	20793**
Milo	Twin Row 30”	135 cell meter	74,800	203,000	20795**
Milo	20”	135 cell meter	74,800	203,000	15597**
Milo	30”	135 cell meter	74,800	203,000	10398***
Milo	Twin Row 36”	135 cell meter	74,800	203,000	17330***
Milo	36”	135 cell meter	74,800	203,000	8665***
Milo	15”	270 cell meter	149,700	406,000	41586**
Milo	Twin Row 30”	270 cell meter	149,700	406,000	41591**
Milo	20”	270 cell meter	149,700	406,000	31193**
Milo	30”	270 cell meter	149,700	406,000	20795***
Milo	Twin Row 36”	270 cell meter	149,700	406,000	34659***
Milo	36”	270 cell meter	149,700	406,000	17330***
Soybeans	15”	100 cell meter	110,900	300,800	15402**
Soybeans	Twin Row 30”	100 cell meter	110,900	300,800	15404**
Soybeans	20”	100 cell meter	110,900	300,800	11553**
Soybeans	30”	100 cell meter	110,900	300,800	7702***
Soybeans	Twin Row 36”	100 cell meter	110,900	300,800	12837***
Soybeans	36”	100 cell meter	110,900	300,800	6418***
Soybeans	15”	110 cell meter	121,900	330,900	16942**
Soybeans	Twin Row 30”	110 cell meter	121,900	330,900	16944**
Soybeans	20”	110 cell meter	121,900	330,900	12708**
Soybeans	30”	110 cell meter	121,900	330,900	8472***
Soybeans	Twin Row 36”	110 cell meter	121,900	330,900	14120***
Soybeans	36”	110 cell meter	121,900	330,900	7060***

NOTE: Refer to seed rate charts for optimal planting speed for your desired rate.

If using pre-set rates, operate planter at the optimal speed for your median rate.

** Refer to the seed rate charts for maximum planting speed for your desired rate.

If using pre-set rates, make sure that you don’t exceed maximum planting speed while in high rate.

*** Extremely high rates on wide row spacing may require lower ground speed - refer to seed charts for mph limitations.

NOTE: Cal Numbers should be accurate, but Great Plains strongly suggests that you use the Calibration Routine to fine tune your actual planting rate at your desired field speed.

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