

Nozzle Selection

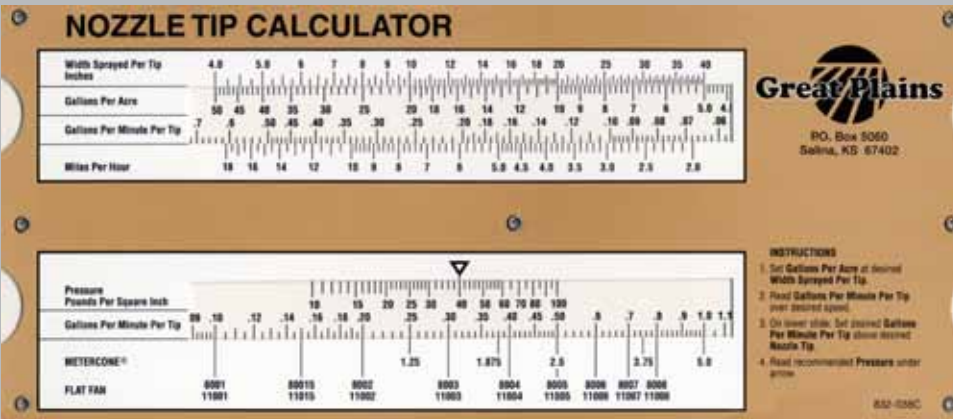


Standard on TSF Models

Put on three of your favorite nozzles to get optimum precision for each application. Triple nozzle bodies make changing from one nozzle to the next as easy as twisting the nozzle head to the desired nozzle. Indents give a positive feel when the selected nozzle is in perfect alignment

Nozzle Selection Guide (Calculated at 8 mph)

| Nozzle | 20" Spacing | 30" Spacing |
|----------|-------------|-------------|
| MC 1.25 | 7-10 GPA | 5-7 GPA |
| MC 1.875 | 10-16 GPA | 7-11 GPA |
| MC 2.50 | 15-21 GPA | 10-14 GPA |
| MC 3.75 | 21-32 GPA | 14-21 GPA |
| MC 5.00 | 26-37 GPA | 15-25 GPA |
| MC 7.50 | 39-55 GPA | 26-37 GPA |
| MC 10.00 | 52-74 GPA | 35-50 GPA |



Nozzle Tip Calculator

Valuable tool used to determine:

- Type of nozzle to use
- Miles per hour
- Spray width per nozzle
- Gallons per acre
- Spray pressure
- Spray volume cross reference

Sprayer Controllers

SCS 450 Console (6-Boom)

Raven's SCS 450 sprayer controller provides precise automatic rate control for up to six (6) boom section inputs. Two separate application rates can be pre-programmed and selected "on the go" with a simple flip of a switch. The SCS 450 is compatible with variable rate applications and data logging.



Optional on 80' and 90' Boom Models

Features:

- Easy to read 28 digit display
- Ground speed compensated automatic rate control
- One time, easy programming
- Cumulative TOTAL VOLUME applied and TOTAL AREA worked for record keeping

SCS 440 Console (3-Boom)

Raven's SCS 440 sprayer controller provides precise automatic rate control for up to three (3) boom section inputs. Two separate application rates can be pre-programmed and selected "on the go" with a simple flip of a switch. The SCS 440 is compatible with variable rate applications and data logging.



- Digital boom pressure readout
- Low tank fault alarm
- Automatic Rate +/-
- PWM Valve Control Option
- Control valve delay
- Zero speed shut off
- Low limit flow rate option

Electro/Hydraulic Controls



(All TSF sprayers)

Electro/Hydraulic controls provide fingertip control for all boom functions:

- Control three or seven functions with just one tractor hydraulic outlet regardless of type of hydraulic system (open, closed or PFC).
- Functions are easily selected on the Remote Command Stick giving the operator complete control at his fingertips.
- A toggle switch box is available for all tractors without hydraulic levers.



(3P300 only)

Pump Selection to Fit All Applications

- Whether you're applying a low volume herbicide with a 3P300, or high rates of liquid fertilizer with a TSF-1290, we offer a pump to fit your needs.
- Select from a hydraulic driven pump, a 540 RPM or 1000 RPM PTO Pump.
- All are centrifugal pumps and will give you optimum field performance.



Quality Foam Even on dry, hot days.

- Can be adjusted to produce anything from foam droplets to a continuous stream of foam...often required in post-emerge operations.
- Dependable design is ideally suited to your most challenging foam marking conditions.
- Large 25 gallon capacity tank.



Chemical & Rinse

Chemical Inductor

Chemical inductors are a proven fast and efficient way to get expensive chemicals into the sprayer and well mixed without the personal exposure hazards.



- The 3 gallon "cone bottom" tank ensures all of the chemicals are properly and accurately mixed.
- The unit is designed with operator convenience and, most importantly, safety as the primary concern.

Flush & Rinse

The TSF Series features a separate 50 or 100 gallon fresh water tanks with 2 or 3 turret nozzles in main tank for quick and complete clean out between spraying operations.



Hand Wash Tank

A 5 gallon hand wash tank is built-in on all TSF sprayers, and a 3 gallon is used on 300 gallon units. Both are conveniently accessible from ground level.



Adjustable Wheel Spacing

Infinite axle spacing is easily adjusted from 80" - 120" on all TSF sprayers. (60" - 120" on TSF-660's)

