










844 Operations Mini Manual

System Setup Mode

- The Master boom switch must be off. Press (+) and (-) keys while simultaneously pressing the **P_{Ro}** key. Press the **P_{Ro}** key again to enter the System Setup Mode.


Step	Display	Description	My Values
Units	U S . T R F	Select US or Turf units by using + and - buttons Go to next step with P_{Ro} button	
Flowmeter Pulses		Flow Meter Pulses Value from flowmeter tag Go to next step with P_{Ro} button	
Nozzle Spacing		Nozzle Spacing Distance between tips in inches Go to next step with P_{Ro} button	
Tips per boom section 1	 SEC 1	# of tips on Boom sect. 1 (corresponds to switch #1) Enter 0 if not used. Go to next step with P_{Ro} button.	
Tips per boom section 2	 SEC 2	Tips on Boom sect. 2. Enter 0 if not used. Go to next step with P_{Ro} button.	
Tips per boom section 3	 SEC 3	Tips on Boom sect. 3. Enter 0 if not used. Go to next step with P_{Ro} button.	
Tips per boom section 4	 SEC 4	Tips on Boom sect. 4. Enter 0 if not used. Go to next step with P_{Ro} button.	
Tips per boom section 5	 SEC 5	Tips on Boom sect. 5. Enter 0 if not used. Go to next step with P_{Ro} button.	
User Programmable Tip	▼ P	Flow rate in Gallons Per Minute of tip being programmed at 40 psi. Use + and - keys to adjust flow rate. Go to next step with P_{Ro} button	
Pressure Regulating Mode		In low flow situations, BYP is the preferred mode. Use the + and - keys to change to THR mode if the regulating valve is mounted in the supply line. Go to next step with P_{Ro} button.	
Boom Control Valve Type	2 Way or 3 Way	Boom Shutoff Valve Type Standard (2-way on-off) or Bypass (3-way bypass) Go to next step with P_{Ro} button	
Liquid Density	D	1.0 for water. See chart in manual for other materials. Go to next step with P_{Ro} button	
Speed Calibration		Speed Calibration. Change with + and -, or to auto calibrate press + and - simultaneously to clear value, then drive 300 feet and press P_{Ro} .	

- To exit the System Setup mode, press and hold **P_{Ro}** for 3 seconds at any point in programming process.

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Application Setup Mode

- The Master boom switch must be off. Press the **P_{RO}** key twice to enter the Application Setup Mode.

Step	Display	Description	My Values
Target Application Rate		Target application rate (GPA, G/1000 ft ²). Use the + and - keys to adjust the value. Go to next step with P_{RO} button.	
Tip Selection	move ▼ with + and - keys	Nozzle Selection. Move arrow to tip color you are using Go to next step with P_{RO} button	
Calculation STEP	All operating information displayed with PSI or Speed values flashing.	Diagnostic Tool Only. Use the + and - keys to adjust the flashing values (PSI or Speed). Changes to spraying parameters will be calculated immediately. To change adjustable value (PSI or Speed flashing) depress the Auto/Man key.	

- To exit the Application Setup Mode, press and hold the **P_{RO}** key for 3 seconds at any point in the programming process.

Features

Following are useful features of the TeeJet[®] 844 Sprayer Control and how to use them.

Features	Description
Boost Mode	Percentage increase or decrease in chemical application. Activated while in Auto Mode by depressing either + or - key. Each subsequent depression of the + key will increase the application rate by 10%. Each subsequent depression of the - key will decrease the application rate by 10%.
Area/Volume Display	Application area (Ac) and total volume (Gal.) applied will be alternately displayed at the lower left of the display. To clear the application area, while in manual mode with master boom switch “off”, depress the + and - keys simultaneously. To clear the total volume applied, depress and hold the + and - keys simultaneously for three seconds.
Simulated Speed	Simulated speed for testing system without moving machine. In System Setup Mode, Speed Calibration programming step, set the value to 0. Exit the System Setup Mode, the control will regulate as if it were traveling at 6 MPH. To clear the simulated speed, the speed sensor must be re-calibrated.