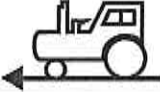


System Setup Mode

- The master boom switch must be off. Press **+** and **-** keys while simultaneously pressing the **P** key. Press the **P** key again to enter the System Setup Mode.

Step	Display	Description	My Values
Units	US, L-F, NH3, IMP, SI	Select US, Turf, NH3, Imperial, or SI units by using + and - buttons. Go to next step with P key.	
Sensor Type	FLO or P-S	Select sensor installed (flowmeter or pressure transducer) using + and - keys. Go to next step with P key.	
Flowmeter Pulses		Flowmeter Pulses; Value from flowmeter tag. Go to next step with P key.	
Pressure Sensor Max.	P HI 150 (10.0)	Select the maximum rating of the pressure transducer. 150 psi or 300 psi (10 bar or 20 bar). Go to next step with P key. Leave at default setting (i.e. 150) if a pressure transducer is not used.	
Pressure Sensor Low Setting	P-EL 4.0	Push + and - keys to auto-calibrate. Go to next step with P key.	
Nozzle Spacing		Nozzle Spacing; Distance between tips in inches (cm). Go to next step with P key.	
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 key.	
Tips per boom section 2	# SEC 2	Tips on Boom sect. 2; Enter 0 if not used. Go to next step with P key.	
Tips per boom section 3	# SEC 3	Tips on Boom sect. 3; Enter 0 if not used. Go to next step with P key.	
Tips per boom section 4	# SEC 4	Tips on Boom sect. 4; Enter 0 if not used. Go to next step with P key.	
Tips per boom section 5	# SEC 5	Tips on Boom sect. 5; Enter 0 if not used. Go to next step with P key.	
User Programmable Tip		Flow rate in US GPM, (L/min) (Imperial GPM) of tip being programmed at 40 psi (2 bar). Use + and - keys to adjust flow rate. Go to next step with P key.	

Step	Display	Description	My Values
Pressure Regulating Mode		This setting must match the actual plumbed mode of the regulating valve. See the <i>844 Installation, Programming, and Operating Manual</i> for examples of regulating valve plumbing.	
Regulation Speed	 9.5	Optimize speed to system using + and - keys. Start at 9.5 for bypass, 3.0 for throttling. Go to next step with PRG key.	
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 PRG key.	
Speed Calibration		Speed Calibration; Change with + and - , or to auto calibrate press + and - simultaneously to clear value. Press + to start the calibration, then drive 300 feet (100 meters) and press PRG .	
Distance Counter	Ft 0	Measures distance in feet (meters) anytime the Master Switch is ON. To Clear, press + and - simultaneously. Go to next step with PRG key.	
Simulated Speed		Enter in the desired simulated ground speed using the + and - keys. Go to next step with PRG key.	
Liquid Density	D	1.0 for water; See chart in manual for other materials. Go to next step with PRG key.	
Communications	GPS	Select the type of communications, if any, being used.	
Minimum Pressure	MIN PRS	Sets the minimum pressure the 844 will regulate to. The system will not regulate below this pressure.	

■ To exit the System Setup Mode, press and hold the **PRG** key for 3 seconds at any point in the programming process.

Notes:

Application Setup Mode

■ The master boom switch must be off. Press the **[P]** key twice to enter the Application Setup Mode.

Step	Display	Description	My Values
Target Application Rate		Target application rate (GPA, G/1000 ft ² , Pounds of N Per Acre, Imperial GPA, L/Ha.); Use the [+] and [-] keys to adjust the value. Go to next step with [P] key.	
Tip Selection	 move [+] and [-] keys	Nozzle Selection; • Move arrow to tip color you are using. Go to next step with [P] button. If not using TeeJet color coded tips, select the P tab which was pre-programmed in the system setup mode.	
Warning: Color coding of spray tips is not uniform from manufacturer to manufacturer. Flow rates for all nozzles should be checked prior to use. Tips that are worn should be replaced to ensure an accurate application rate.			
Calculation Step	All operating information displayed with Pressure or Speed values flashing	Diagnostic Tool Only. Use the [+] and [-] keys to adjust the flashing values (Pressure or Speed). Changes to spraying parameters will be calculated immediately. To change adjustable value (Pressure or Speed flashing) depress the [P] key. Depress the Auto/Man key so that D is displayed to convert values using the Liquid Density programmed in the System Setup mode. Note: If spraying a different density solution, the D symbol must appear in the regular spraying mode. If it does not appear, enter the Application Setup mode and select it as described above. (See manual for more information.)	

■ To exit the Application Setup Mode, press and hold the **[P]** 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 or Ha) and total volume applied will be alternately displayed at the lower right of the display. To clear the	application area/total volume display to zero, with master boom switch "off", depress the [+] and [-] keys simultaneously for three continuous seconds.
Printing	Select "Prt" in the System Setup. Connect printer. In regular spraying mode with master	boom switch "off", depress and hold the [+] and [-] keys simultaneously for three seconds.
Flow Rate	Displays Flow Rate in GPM (LPM). To activate press and hold [P] key while spraying	in the normal operating mode. The lower right display will switch from Area/Volume to Flow Rate any time the [P] key is pressed.