

# 20|20 GEN 3— SYMPHONYNOZZLE



The Product control button shows the status of the system

Button Press

## Product Control Button

**Variable**— A spray prescription is assigned and the SymphonyNozzle system is in variable rate mode.

**Multiple**— The SymphonyNozzle system is in manual mode and there are multiple rate sections configured.

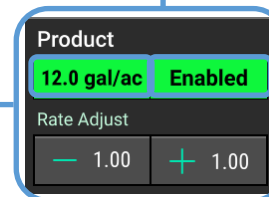
**A Number is Displayed**— The Rate system is in manual mode with only a single rate section. The number that is displayed is the commanded manual rate for that rate section.

**Master OFF**— Unable to spray because the master switch on the CCM is in the OFF position

**Green**— System is functional and has commanded rate

**Yellow**— There is a prescription assigned to the active field, but the system is set to spray a manual rate.

**RED**— Unable to spray



## Pressure Control Button

**A Number is Displayed**— The Rate system is in manual mode with only a single rate section. The number that is displayed is the commanded manual rate for that rate section.

**Green**— System is functional and has commanded rate

**Master OFF**— Unable to spray because the Master switch on the CCM is in the OFF position

If a rate prescription is assigned to the active field, **Prescription** mode will control the spray prescription. **Manual** mode ignores the assigned application prescription and continues to plant at the assigned manual rate

**Single**—Assigns the same rate to all nozzles. Select a preset rate from the list of rate set points displayed on the screen (configure this list using the “Edit Presets” button on the right hand side of the screen) and use the + or – buttons to increase or decrease the rate.



**Multiple** - Allows assignment of different rates to multiple rate sections that were configured in **Control Sections** setup.

**Adjust Rate** —Use the + and – buttons to adjust the rate up or down the same amount for each rate section, or tap on each rate to manually enter a new rate for each **Rate Section** (requires multiple rate sections to be set up)  
See **SymphonyNozzle Operators Guide**

Toggle this button to **Enable/Disable** product rate

Allows editing of product rate set points

Selects the components the sprayer will swath off to, **Including Field Boundary, Inner Boundary, Map Coverage, and Simulated Headlands**

**Advanced Swath Tools** includes creating **Boundary and simulated Headlands**, as well as enabling **Draw Coverage Always**

Allows the input of products mixed in the tank, and the quantities that are being used.

SymphonyNozzle

# 20|20 GEN 3—SYMPHONYNOZZLE DIAGNOSTICS

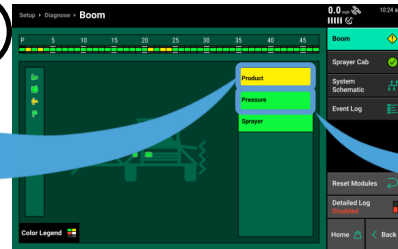
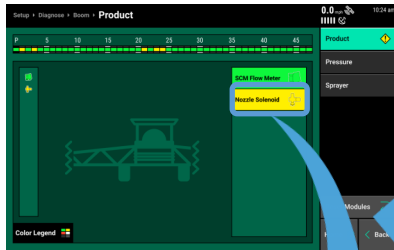
## START HERE

Diagnose

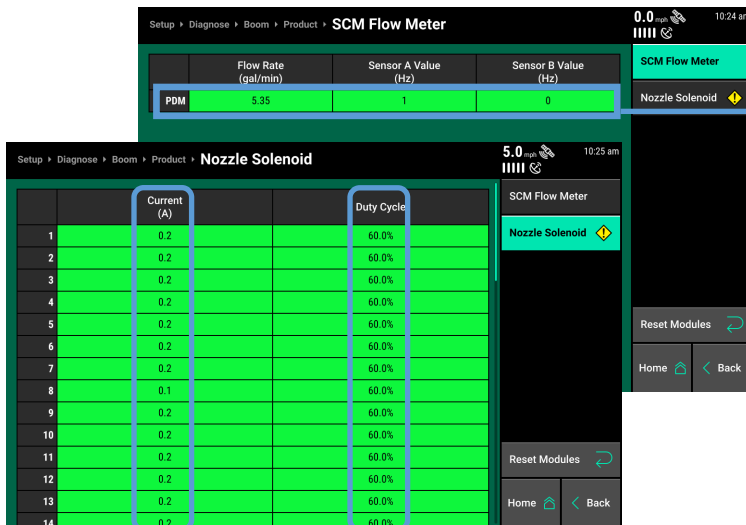
1

Navigate to **Diagnose** from the **Home Screen** (**Setup > Diagnose**), select the system you are troubleshooting on the right to access products. Next select the product you wish to see diagnostic tables for.

2



3

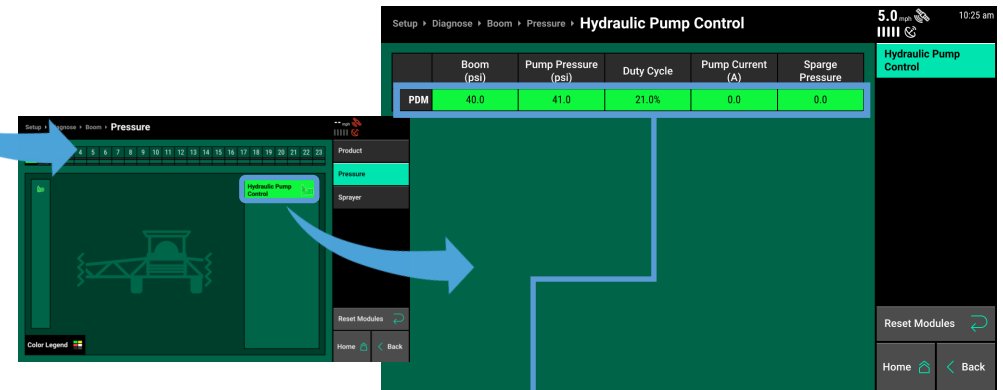


**Current(A)-** The Nozzle Solenoid **Current(A)** should be between **0.1** and **0.3 Amps** while the system is operating.

**Duty Cycle-** The Nozzle Solenoid Duty Cycle displayed here will be the commanded Duty Cycle for each Nozzle.

## SYSTEM CHECK

To start the pump, enable the product widget on the home screen and make sure one CCM switch is up. If your pump runs and you have pressure you are ready to test your nozzles. To fire the nozzles, enable the pressure widget on the homescreen and activate quickstart. This will simulate a 3mph speed.



**Hydraulic Pump Control-** Under the pump control diagnose page you will be able to see the pressure readouts for each sensor to help diagnose pressure issues, as well as commanded duty cycle to the pump.

**SCM Flow Meter-** This page will allow you to see if your flow meter is outputting a signal and if you have dual flow meters you can see the individual output of each one.