



TECH NOTE:	09-001
TITLE:	Firmware for Pre-Wet (Gal/Mile)
DATE:	02/2/09
REVISION:	1.0

Description: this update refers to updates to *SpreadSmart Rx*™ operating firmware. This change allows the operator to choose operation of the Pre-Wet controller in the typical mode (gallons/ton of granular material dispensed) or in the new mode (gallons per mile traveled).

Implement this upgrade: upgrade the operating firmware of the *SpreadSmart Rx*™ in the vehicle from the existing firmware to version 4.18 (for LCD) or 6.18 (for VFD) by following the firmware update procedure (attached).

Enable the new Feature: verify that you are operating the correct version of firmware. Version # shows on the splash screen, the menu screen and in the diagnostics screen.

- 1) Power up the unit. When the “menu/mode” screen is displayed, simultaneously hold the auger and pre-wet switches down to enter the “configuration screen.” You will be asked for a password, enter current password using the spinner controls to change the digits, and the blast/pass controls to change cursor positions. Run the cursor past the end of the password to enter configuration mode.

```

Configuration
Enter Password:
      [*000]
<SPINNER +/-> to change
<BLAST>=back      <PASS>=next/done
  
```

```

Configuration
Setup Wizard      Advanced
System Setup     Set Clock
+ Trim/Cal       Reset All
Materials        Save and Exit
<BLAST>=done <SPIN+/->=sel <PASS>=next
  
```

Choose Trim/Cal, Pre-Wet and scroll to “pre-wet units” which is default at gal/ton.

```

Trims/Calibration
Auger           Speedo
Spinner        MDM Module
+ Prewet
Anti-Ice
<BLAST>=done <SPIN+/->=sel <PASS>=next
  
```

```

Prewet Setup      page 2/2
Pulses Per GAL:   585
PUMP max. GAL/min: 300.0
+ Prewet Units:   GAL/TON
<SPIN+/->=sel <ICE+/->=adj <BLAST>=done
  
```

Use the Anti-Ice paddle to toggle selection to Gallons/Mile. Use the blast key to return to the menu screen and select automatic to operate pre-wet in gallons/mile. Use toggle to set flow rate.

```

Prewet Setup      page 2/2
+ Pulses Per GAL: 585
PUMP max. GAL/min: 300.0
Prewet Units:     GAL/MI
<SPIN+/->=sel <ICE+/->=adj <BLAST>=done
  
```

Granular - SALT Auger Spinner	BRINE Prewet
0 LBS/MILE	1.6 Lanes
0.0 GAL/MI	77%
0 MPH	