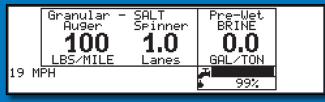


SPREADSMART DISPLAY OPTIONS

To change display format: click on "menu" switch to toggle between "standard" and "large" formats when system is equipped with large format display.

STANDARD FORMAT DISPLAY (GRANULAR AND PRE WET SHOWN)



LARGE FORMAT DISPLAY (OPTIONAL)



For Complete Operating Instructions: refer to operations manual with your system or download a manual from the Cirus Controls website.

SpreadSmart Rx[™]

Quick Start User's Guide





9210 Wyoming Avenue North, Suite 200 Brooklyn Park, MN 55445 763.493.9380 telephone 763.493.9340 fax www.ciruscontrols.com



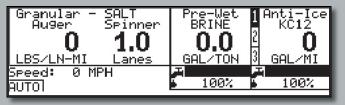
Copyright © 2005 by Cirus Controls, LLC. May be revised without notice.

START THE TRUCK (TURN ON POWER) FOR MODE SCREEN

To change operating modes, use Spinner (+/-) to move arrow to your choice.

| Mode | v4.0 R× |
|---|---|
| → Automatic Mode Manual Mode No Speedo Mode Unload Mode Storm/Season Tot. | Help Test Mode Material Chan9e Fill Tanks Dia9nostics |
| <pre>SPINNER +/->=select</pre> | <pass>=accept</pass> |

Automatic Mode: Select "pass" to move the system into automatic for normal operations. In automatic mode, **SpreadSmart**[™] adjusts material output with changes in truck speed and records data on spreading performance.

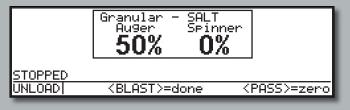


Disengage "pass" to begin dispensing material. Use auger +/- to increase or decrease output. To increase or decrease spinner speed, use Spinner +/-. To return to the mode screen, hold "menu" switch on for 2 seconds.

Manual Mode: Is an "occasional use" mode that is ground speed triggered (on/off), no data is recorded, operator chooses material output settings. Select from "mode" screen.

| Mode | v4.01 R× |
|---|---|
| Automatic Mode Manual Mode No Speedo Mode → Unload Mode Storm/Season Tot. | Help Test Mode Material Chan9e Fill Tanks Dia9nostics |
| (SPINNER +/->=select | <pass>=accept</pass> |

Unload Mode: Select unload mode and raise the auger speed to unload the material onto the ground below the spinner. The unloading automatically stops when the truck is moved. To stop unloading at any time, select "pass." Select "blast" to return to "mode" screen.



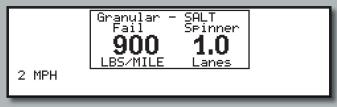
HELP SCREENS FOR OPERATOR INFORMATION

| Mod | ~ | 04.0 Pv |
|---|--------------|---|
| | - | V4.0 KA |
| Automatic Mode Manual Mode No Speedo Mode Unload Mode Storm/Season Tot. | Mate Fill | Mode rial Chan9e Tanks nostics |
| <pre><spinner +="" -="">=select</spinner></pre> | < | PASS>=accept |

Push and hold aux/menu switch to reach the mode screen. Select "help" to find and follow the instructions for system operation. Choose and read about the topic you seek.

| | Help Screens | (pa9e 1/1) |
|------------------------------|---------------------------------|-----------------------|
| <u>The help scre</u> | ens explain t | he controls of |
| the SpreadSma | | |
| the topic usi | | |
| | | <pass> to Pa9e</pass> |
| | | R> to select a |
| | | <u>tartup screen.</u> |
| <u> <blast>=done</blast></u> | <u> <spin+ -="">=se</spin+></u> | l <pass>=next</pass> |

Alarms on SpreadSmart: In the event of a sensor failure during operation, the system will beep and the screen displays a scrolling message... sensor failure....



To silence the beeper, select auger (-). Upon hearing the alarm, the driver must stop the truck and verify that the alarm is due to a failed sensor and not due to a blocked auger/conveyor.

USE CAUTION WHEN WORKING WITH AUGER OR CONVEYOR

If the auger/conveyor is blocked, clear the jam (with the truck stopped and controller power off). If auger/conveyor is not blocked, verify that it runs normally.

To verify operation of the auger/conveyor in a standing truck, select "unload mode" and raise auger speed slowly to observe operation. If the auger/coveyor operates normally, return to "automatic" mode. Upon moving the truck, **SpreadSmart**[™] will drop into "open loop" and continue to operate normally. The "sensor fail" will continue on the screen until the sensor problem is corrected, but the system will allow the dispensing of material until repairs can be made.