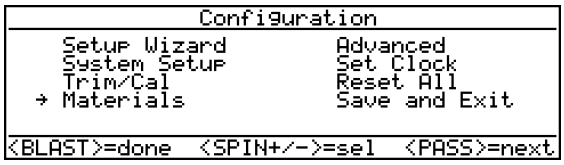
TECH NOTE:	**09-015**
TITLE:	**Temp Response ™ Set Up**
DATE:	**12/3/09**

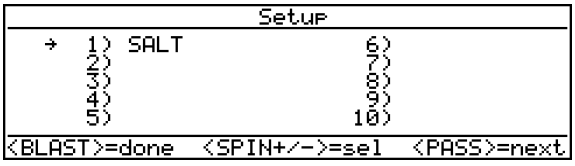
This document describes the set up and operation of the ***Temp Response*** ™ function in ***SpreadSmart Rx*** ™ and ***SpreadSmart RDS*** ™**.** This information is also in the product manual.

Temp Response ™ Prescription Set Up – for each material type

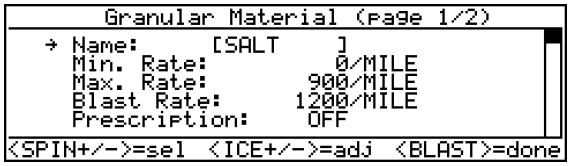
For any material type, you can also create up to four ***Temp Response***™ prescriptions to automatically change spreading rates as a function of road temperature. The user, for their local conditions, determines the actual temperature/spreading rate relationship. ***Temp Response***™ prescriptions can be run for one material (salt) or for combinations (salt and pre-wet), but each is configured individually. English or Metric units are shown based on the system setup choice.

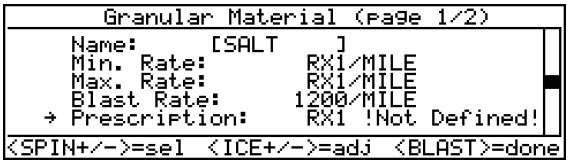
To set a temperature controlled, granular spreading prescription, enter configuration menu by simultaneously holding the auger and pre-wet switches down to enter the "configuration screen." Enter your password using the spinner controls to change the digits, and the blast/pass controls to change cursor positions. Run the cursor past the end of the password to enter setup mode.



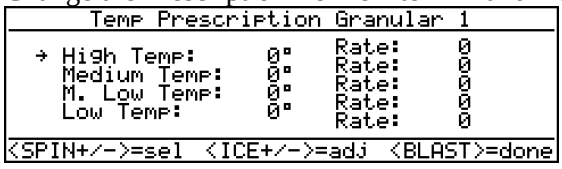


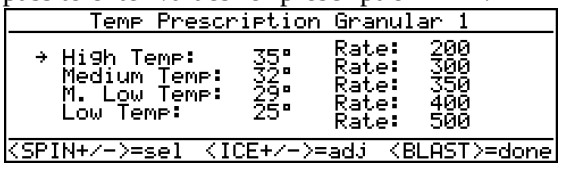
Scroll down to Prescription, Use "Anti-Ice" paddle to select Prescription RX1- RX4. Incomplete prescriptions are listed as "undefined." Up to four prescriptions are can be created for each media type (Granular = 4; Pre-Wet =4; Anti-Ice = 4).





Change the Prescription from off to Rx1 and hit pass to enter values for prescription RX1:



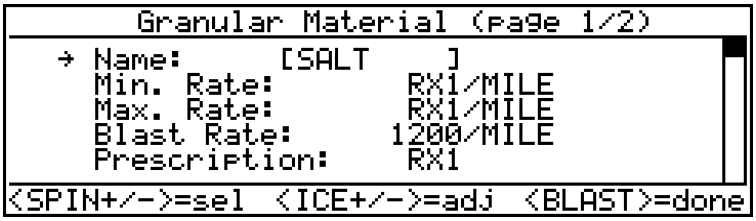


In this example, the prescription has been set as follows:

Temperature Range (F)	**Salt Spread Rate**
Above 35 degrees	**200 (lbs/mile)**
34-32 degrees	**300 (lbs/mile)**
31-29 degrees	**350 (lbs/mile)**
28-25 degrees	**400 (lbs/mile)**
Below 25 degrees	**500 (lbs/mile)**

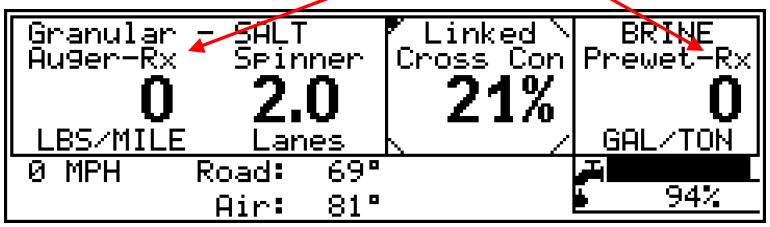
(Note: these rates are for illustration only and are not process recommendations).

Select “blast” and return to the Granular material screen to confirm prescription is set:

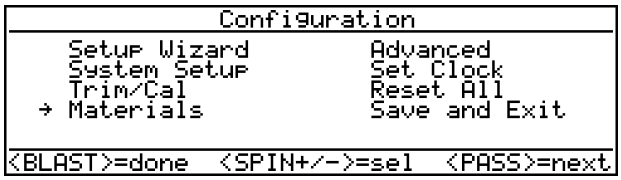


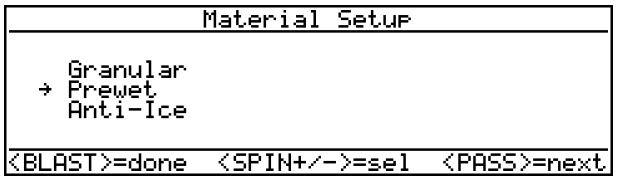
Your prescription for your granular material named “salt” is now set. To set another granular material, choose name #2-10, select Prescription RX2-4 and repeat the process.

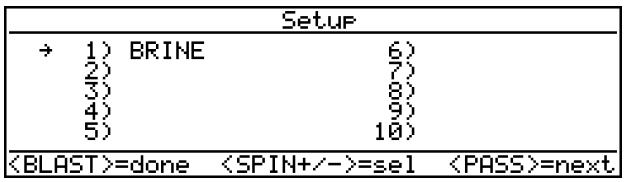
When operating the SpreadSmart Rx or RDS, the letters Rx is added to the display to show that ***Temp Response*** ™ is controlling the granular and pre-wet spreading rate.

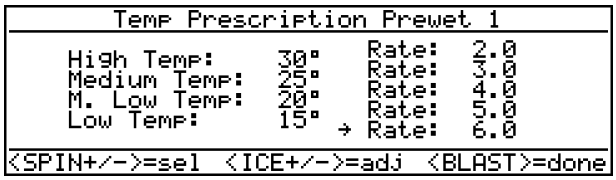


For Pre-Wet or Anti-Ice prescription setting, choose one of those “materials” and begin the naming and prescription setting process as above. Because the distribution rate varies with material, a prescription must be set individually for each.









In this example, the prescription has been set as follows:

Temperature Range (F)	Liquid Rate
Above 30 degrees	**2.0 (gal/ton)**
29-25 degrees	**3.0 (gal/ton)**
24-20 degrees	**4.0 (gal/ton)**
19-15 degrees	**5.0 (gal/ton)**
Below 15 degrees	**6.0 (gal/ton)**

(note: these rates are for illustration only and are not process recommendations).