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# Liquid Fertilizer Salt-Out Temperatures

When considering salt-out temperature of your liquid fertilizer, take into consideration the volume of the tank and the volume of product being stored. The larger the volume that is being stored, the lower the salt-out temperature.

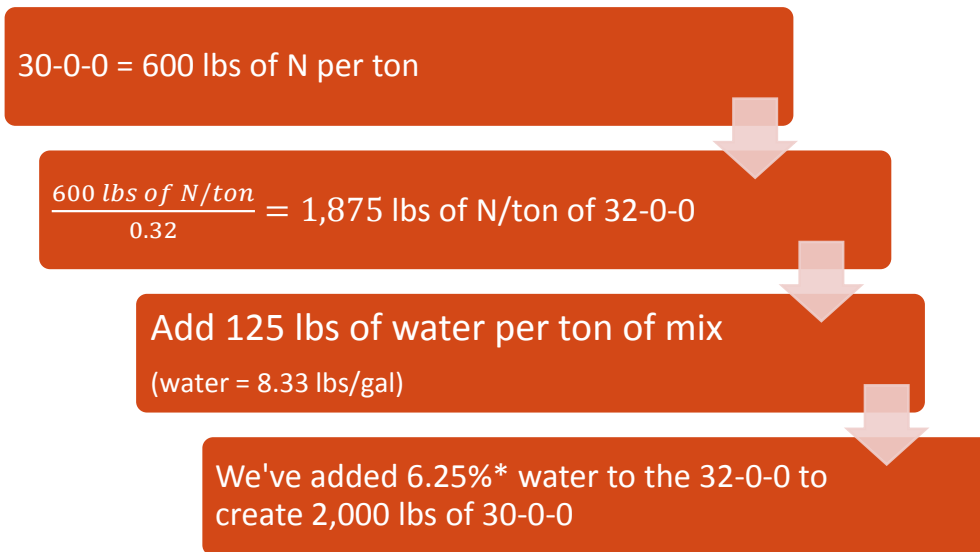
At The McGregor Company, we store in tanks with volumes ranging from 550,000 gallons down to 5,000 gallons. Then, when applying liquid fertilizer, we have material stored overnight in 1/8 inch lines. With so many variables, good judgement must prevail. Use the table at right to find the average salt-out temps for each product.

Product	Salt-Out Temperature
32-0-0	32°F
30-0-0	15°F
28-0-0	0°F
20-0-0 Urea Sol'n	40°F
20-0-0-6 Urea-Sulfate Sol'n	30°F
10-34-0	0°F
11-37-0	15°F
0-0-10	18°F
0-0-13	26°F
0-0-15	40°F
12-0-0-26	40°F
9-0-0-10	30°F
6-0-0-16.5 Cl	10°F
MgCl deicing agent	20°F

When working with liquid fertilizer under 32°F

Look at lowering salt-out temperature of your fertilizer mix by adding water. There is no iron clad formula that cures the problem (due to variation of salt-out temperatures of products in your mix), but consider the following example:

**Cut 32-0-0 to 30-0-0 to lower salt-out temp from 32°F to 15°F:**



\*Consider adding 8% water to liquid fertilizer mixes when making applications in 26°F weather. Always read and follow instructions found on product labels.

McGregor Certified Crop Advisers are available to assist you with any questions you may have about safe storage options for the products kept on your farm.

[www.mcgregor.com](http://www.mcgregor.com)

800.873.8666

