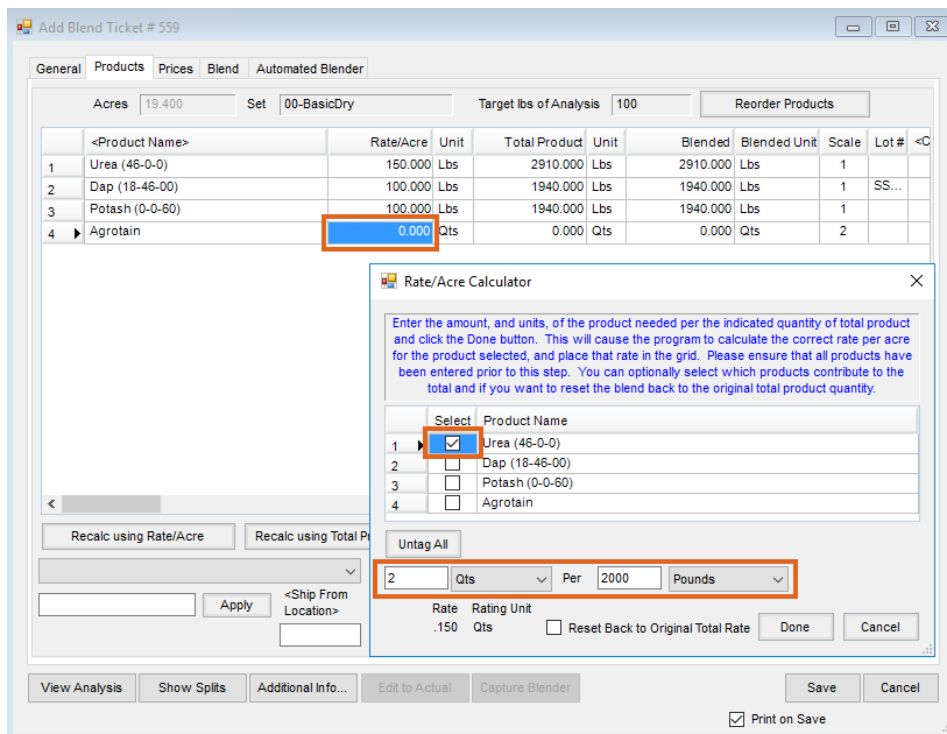# Using the Rate/Acre Calculator

Last Modified on 02/12/2025 7:23 am CST

The *Rate/Acre Calculator* is built into the Blend Ticket and Field Plan to calculate certain products per ton or per 100 gallons when creating a Blend Ticket by the acre. This tool calculates product amounts to use in dry fertilizer and chemical blends such as Agrotain, Nutrisphere, and surfactants.

- **Example 1** – Dry fertilizer Blend Ticket with Urea, Dap, Potash, and Agrotain Nitrogen Stabilizer to treat the Urea
- **Example 2** – Chemical Blend Ticket using Liberty, Section 3, Amsol Dry, and Water

Example 1

1. Select the Products, enter the *Rate/Acre* for all the Products except Agrotain, then select **Recalc using Rate/Acre**.
2. **Note:** An analysis can be optionally formulated to calculate the Products and *Rate/Acre*.
3. Right-click the *Rate/Acre* cell of Agrotain to open the *Rate/Acre Calculator* window.
4. Uncheck all Products except Urea so the rate/ton of Agrotain is calculated based on only the quantity of Urea in the blend. Another option is to select **UnTag All** then select the Urea Product.
5. Enter the rate of Agrotain per 2000 lbs of Urea to be applied. For this example, Agrotain is going to be applied at *2 Qts Per 2000 Pounds* of Urea.

6. Upon selecting **Done**, the *Rate/Acre* of Agrotain is calculated from the total quantity of Urea in the blend.

Example 2

1. Select the Products and enter the *Rate/Acre* for all Products except Amsol Dry. In this example, the Water was calculated using the *Adjust Water to Gal/Acre* option.

2. Left-click in the *Rate/Acre* cell of Amsol Dry to highlight the cell blue. Right-click to open the *Rate/Acre Calculator* window.

3. Leave all Products checked to calculate the rate of Amsol Dry based on the total gallons of solution. Enter the rate per 100 gallons of solution. This example uses a rate of *8 Lbs Per 100 Gallons* of solution.

4. Once the rate per 100 gallons has been entered, select **Done**. The *Rate/Acre* of Amsol Dry is calculated based on the total gallons of the solution.

Add Blend Ticket # 559

General | Products | Prices | Blend

Acres: 19.400 Set: 00-BasicLiquid Target lbs of Analysis: 100 [Reorder Products]

	<Product Name>	Rate/Acre	Unit	Total Product	Unit	Blended	Blended Unit	Scale	Lot #	<C
1	Liberty Bulk	32.000	Ozs	620.800	Ozs	620.800	Ozs	4		
2	Section 3	3.000	Ozs	58.200	Ozs	58.200	Ozs	4		
3 ▶	Amsol Dry	1.600	Lbs	31.040	Lbs	31.000	Lbs	4		
4	Chemical Spraying	1.000	Acre	19.400	Acre	19.400	Acre	5		
5	Water	162.865	Lbs	3159.581	Lbs	3160.000	Lbs	3		

[Recalc using Rate/Acre] [Recalc using Total Product] [Recalc using Blended] [Recalc using Scale]

[Apply] <Ship From Location>

Density: 8.333 % Water: 97.727 % Clay: 0
Gal/Acre: 20 Total Gal: 388 Est Salt Out Temp: N/A
Lbs/Acre: 166.653 Total Lbs: 3233.478 Est Temp Change: 0

[View Analysis] [Show Splits] [Additional Info...] [Edit to Actual] [Capture Blender] [Save] [Cancel]

☑ Print on Save