

Formulate Liquid Fertilizer Blend Using Gallons of Guaranteed Analysis

Last Modified on 05/13/2026 11:42 am CDT

When applying a liquid fertilizer blend at a given gallon per acre, it is possible to formulate the Guaranteed Analysis for that specific amount. On the *Add Blend Ticket* window, enter the Guaranteed Analysis request in the fields for N, P, K, etc., then select *Guaranteed Analysis* under the *Formulate By* area. Next, enter the total *Gal of Analysis* desired, and select **Formulate**.

In this example, the request is for 35 gal/acre of 4-12-0-2s.

The screenshot shows the 'Add Blend Ticket # 551' window with the 'General' tab selected. The interface includes the following elements:

- Customer ID:** AndBa
- Field ID:** WireEast
- Blend Type:** Calculated Analysis
- <Quantity>:** 11 Acres
- Product Set:** 00-BasicLiquid
- Price By:** Guaranteed Analysis (%)
- Ordered Date:** 04/03/2026
- Loaded Date:** / /
- Time:** 1:58:28 PM
- Formulate By:** Guaranteed Analysis
- Lbs of Analysis:** [Empty field]
- Gal of Analysis:** 35
- Analysis Values:** <N> 4.00, <P> 12.00, <K> 0.00, <S> 2.000, UD, <Ca>, <Mg>, <Zn>, <Fe>, <Mn>, <Cu>, B
- Buttons:** View Maps, View Analysis, Show Splits, Additional Info..., Edit to Actual, Capture Blender, Product Limits, Start With Products, Load Nut Recs, Formulate, Save, Cancel
- Checkboxes:** Loaded, Respray, VRT, Custom Applied, Repacked, Mini Bulk
- Print on Save:**

After selecting **Formulate**, the program will attempt to fulfill the request using the Products available and parameters selected in the Product Set. Water will be used to reach the desired analysis and Gal/Acre if necessary.

General Products Prices Blend

Acres Set Target lbs of Analysis

	<Product Name>	Rate/Acre	Unit	Total Product	Unit	Blended	Blended Unit	Scale
1	Water	57.589	Lbs	633.479	Lbs	633.000	Lbs	3
2	10-34-0	35.651	Lbs	392.161	Lbs	392.000	Lbs	3
3	12-0-0-26	7.770	Lbs	85.470	Lbs	85.000	Lbs	3

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<Ship From Location>

Density	<input type="text" value="2.886"/>	% Water	<input type="text" value="57.013"/>	% Clay	<input type="text" value="0"/>
Gal/Acre	<input type="text" value="34.997"/>	Total Gal	<input type="text" value="384.967"/>	Est Salt Out Temp	<input type="text" value="N/A"/>
Lbs/Acre	<input type="text" value="101.01"/>	Total Lbs	<input type="text" value="1110"/>	Est Temp Change	<input type="text" value="0"/>

Print on Save