

Create a Blend Ticket by Guaranteed Analysis

Last Modified on 02/19/2026 2:31 pm CST

Blend Tickets can be created in multiple ways to handle many different blending scenarios. Below are examples of creating a dry and liquid Blend Ticket by formulating for Guaranteed Analysis. Guaranteed Analysis refers to the pounds of nutrient requested per 100 pounds of Product. Water or dry filler may be required to meet the desired guaranteed analysis during the formulation process.

Dry Blend

In this example, a blend for 5 tons of 9-23-30 guaranteed analysis will be created.

1. In Blending, select the **Add a Blend Ticket** icon. Choose the Customer and Field and select **Add**.
2. Verify the Bill Splits on the *Select a Field* window are correct and select **OK**.
3. The *Customer ID* and *Field ID* display.
4. The *Quantity* automatically defaults from the Field setup in the Hub.
5. Optionally, choose a *Crop*, *Placement*, and add any *Billing Notes*.
6. The *Blending* and *Pricing* methods default from the last entered Blend Ticket. Select a *Dry Product Set* and choose the desired *Optimize By* and *Price By* styles.
7. Switch from *Acres* to *Tons* and enter 5 in the *Quantity* field. Select **Apply New Tons**.

Note: When *Tons* is selected in the *Quantity* section, the *Formulate By* settings will default to *Guaranteed Analysis* at 2000 *Lbs of Analysis*.

The screenshot shows the 'Add Blend Ticket # 528' window with the following details:

- Customer ID:** AndBa
- Field ID:** WireMid
- Zone:** All
- Plan:** [Red]
- Placement:** [Dropdown]
- Blend Type:** Calculated Analysis
- Ordered Date:** 11/14/2024
- Loaded Date:** [Calendar]
- Quantity:** 5 Tons (highlighted with an orange box)
- Product Set:** 00-BasicDry
- Optimize By:** List Price
- Price By:** Products
- Formulate By:** Guaranteed Analysis (selected, highlighted with an orange box)
- Lbs of Analysis:** 2000
- Buttons:** View Maps, View Maps, Apply New Tons, Start With Products, Load Nut Recs, Formulate, View Analysis, Show Splits, Additional Info..., Edit to Actual, Capture Blender, Save, Cancel

8. Enter 9-23-30 in the <N>, <P>, <K> fields and select **Formulate**.

9. The appropriate Products and quantities are calculated to meet the requested analysis and display on the *Products* tab.
- o The *Prices* tab displays the *Product Names*, *Quantities*, and *Analysis*.
 - o The *Blend* tab displays *Application* and *Blend Comments*, *Target Pests*, *Dispatch Info* and *Batch Breakdowns*.
10. Select **Save**.

Liquid Blend

In this example, a blend for 5 tons of 28-0-0 guaranteed analysis will be created.

1. In Blending, select the **Add a Blend Ticket** icon. Choose the Customer and Field and select **Add**.
2. Verify the Bill Splits on the *Select a Field* window are correct and select **OK**.
3. The *Customer ID* and *Field ID* display.
4. The *Quantity* automatically defaults from the Field setup in the Hub.
5. Optionally, choose a *Crop*, *Placement*, and add any *Billing Notes*.
6. The *Blending* and *Pricing* methods default from the last entered Blend Ticket. Select a *Liquid Product Set* and choose the desired *Optimize By* and *Price By* styles.
7. Switch from *Acres* to *Tons* and enter 5 in the *Quantity* field. Select **Apply New Tons**.

Note: When *Tons* is selected in the *Quantity* section, the *Formulate By* settings will default to *Guaranteed Analysis* at 2000 *Lbs of Analysis*.

8. Enter 28-0-0 in the <N>, <P>, <K> fields and select **Formulate**.

<N>	<P>	<K>	<S>	UD	<Ca>	<Mg>	<Zn>	<Fe>	<Mn>	<Cu>	B
28.00	0.00	0.00									

Formulate By

Lbs of Plant Food

Guaranteed Analysis

Lbs of Analysis: 2000

Gal of Analysis:

Start With Products

Load Nut Recs ?

Formulate

9. The appropriate Products and quantities are calculated to meet the requested analysis and display on the *Products* tab.

- o The *Prices* tab displays the *Product Names*, *Quantities*, and *Analysis*.
- o The *Blend* tab displays *Application* and *Blend Comments*, *Target Pests*, *Dispatch Info*, and *Batch Breakdowns*.

10. Select **Save**.