

# Canada Fertilizer Tags - MB

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Create and print State Fertilizer Tags from Agvance that detail a fertilizer blend's analysis and overall nutrient content.

## Setup

Calculate and display nutrients on the State Fertilizer Tag.

1. At *Hub / File / Product*, open the desired product in Agvance and navigate to the *Blend Setup* tab to enter the product's *Nutrient Contributor Information*, *Chemical Composition*, and *Fertilizer Ingredients*. Ammonium Thiosulfate is used in this example.
2. Enter the product's fertilizer analysis in the *Nutrient Contributor Information* section.
3. Select **Details** to access the *Chemical Composition* window to set nutrient values.

The screenshot displays the 'Blend Setup' tab in the Agvance software. The interface includes several input fields and dropdown menus. The 'Consistency' section has 'Liquid' selected. The 'Product Density' is set to 11.04 Lbs/Gal. The 'Rate/Acre Units' and 'Blending Units' are set to 'Lbs'. The 'Nutrient Contributor Information' section shows N: 12, S: 26, and a 'Details' button highlighted with a red box.

| Field                            | Value         |
|----------------------------------|---------------|
| Consistency                      | Liquid        |
| Product Density                  | 11.04 Lbs/Gal |
| Rate/Acre Units                  | Lbs           |
| Blending Units                   | Lbs           |
| Nutrient Contributor Information |               |
| N                                | 12            |
| P                                |               |
| K                                |               |
| S                                | 26            |
| HA                               |               |
| Ca                               |               |
| Mg                               |               |
| Zn                               |               |
| Fe                               |               |
| Mn                               |               |
| Cu                               |               |
| B                                |               |

**Example:** For Ammonium Thiosulfate, enter values on the N and S tabs.

Chemical Composition

N P K Mg Mn Zn Fe Cu S Ca Lime Info Gen

|  | % of Total N: | % Slow Release: | Slow Release Derived From Product List: |
|--|---------------|-----------------|---|
| Ammoniacal N:                              | 100           | 0.0             |   |
| Nitrate N:                                 | 0             | 0.0             |   |
| Other / Water Soluble N:                   | 0             | 0.0             |   |
| Urea N:                                    | 0             | 0.0             |   |
| Water Insoluble N:                         | 0             | 0.0             |   |
| Total Slow Release N:                      | 0             |                 |   |
| Other / Water Soluble and Water Insoluble: |               |                 |   |

Chemical Composition

N P K Mg Mn Zn Fe Cu S Ca Lime Info Gen

|                    |     |
|--------------------|-----|
| % Combined Sulphur | 100 |
| % Free Sulphur     | 0   |

**Note:** The numbers listed in these columns are percentages and must add up to 100 for each respective nutrient.

4. Select **OK** on the bottom right to save the Chemical Composition.
5. On the *Blend Setup* tab, enter the product's *Fertilizer Ingredients* information. Type an ingredient name in each row and check the box to the right to designate which nutrient is supplied by that ingredient.

Profile Safety **Blend Setup** Pricing Tier II Seed / Lots Mapping Recs

Consistency  
 Solid (dry)  Liquid

Rate to Blending Ratio  Specific Gravity

Product Density  Lbs/Gal

Blend to Inventory Ratio

Rate/Acre Units  % Solid Material

Blending Units  % Water

Recommended Rate/Acre  % Clay

Blender Factor

Nutrient Contributor Information

N  P  K  S  HA  Ca

Mg  Zn  Fe  Mn  Cu  B

Details

| Fertilizer Ingredients |  | N                        | P                        | K                        | S                        | H                        | Ca                       | Mg                       | Zn                       | Fe                       | Mn                       | Cu                       | B                        |
|------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1                      |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                      |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                      |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4                      |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                      |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

For this example, Ammonium Thiosulfate's nitrogen is derived from anhydrous ammonia and the sulfur is derived from elemental sulfur.

| Fertilizer Ingredients |                   | N                                   | P                        | K                        | S                                   | H                        | Ca                       | Mg                       | Zn                       | Fe                       | Mn                       | Cu                       | B                        |
|------------------------|-------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1                      | Anhydrous Ammonia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                      | Elemental Sulfur  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                      |                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4                      |                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                      |                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

6. Select **Save**.

7. Navigate to *Blending / Setup / Location Preferences* and select the *Print Prefs* tab to set up the desired *Guaranteed Analysis Decimal Accuracy*.

Blending/Planning Preferences For Location 'Main' SSI Ag Supply & Services - Main Plant

Blend Setup **Print Prefs** Miscellaneous Sales Order Prefs GHS SDS Template Custom App Sheet

Field Plan  
 Print Company Heading

Analysis String to Print

Format

State Fertilizer Tag  
 Review Tag Numbers  
 Tag Review - Perform CI Warning  
 Suppress Zeros On Tags  
 Manufacturer License   
 Fertilizer Tag Heading   
 Use AAPFCO Format as Default Tag Layout  
 Alt. Location Name to Print   
 Location's Address to Print

Blend Ticket  
 Regular Font Size  
 Large Font Size  
 Calculated Lbs.  
 Adj Scale Start  
 Print Salt Out on Blend  
 Print Ticket # Barcode  
 Print Container ID  
 Print VRT Ticket on Single Page  
 Print One Ticket Per Load  
 Print on Collated Paper

Create Automated Blender File  
 Print From Add  
 Print From Edit  
 Print From Dispatch

Consolidated Blend Ticket  
 Print Department ID  
 Suppress G. Analysis  
 Suppress Density  
 Print Tech Lic #  
 Print Blend Comments  
 Print Field Directions  
 Print Lot #  
 Print Lot # on Product Row  
 Print Control #

Print Product ID On Blend Documents  
 Spaces

Print Farm Info  
 Do Not Print Zero Rate/Acre Line Items  
 Print Selected Items in KG  
 Print "See Terms On Reverse Side" on all "Received by" lines  
 Record Conditions on Save of Blend Ticket

Guaranteed Analysis Decimal Accuracy

|              | Accuracy | Tolerance |
|--------------|----------|-----------|
| N Whole      | 0.5      |           |
| P Whole      | 0.5      |           |
| K Whole      | 0.5      |           |
| S Tenths     | 0        |           |
| Ca Tenths    | 0        |           |
| Mg Tenths    | 0        |           |
| Zn Hundredth | 0        |           |
| Fe Hundredth | 0        |           |
| Mn Hundredth | 0        |           |
| Cu Hundredth | 0        |           |
| B Hundredth  | 0        |           |
| HA Hundredth | 0        |           |

Document Counters  Save Cancel

Optionally utilize the *State Fertilizer Tag* section. To review the fertilizer ingredient values before printing the

State Fertilizer Tags, check the *Review Tag Numbers* checkbox.

| Accuracy     | Tolerance |
|--------------|-----------|
| N Whole      | 0.5       |
| P Whole      | 0.5       |
| K Whole      | 0.5       |
| S Tenths     | 0         |
| Ca Tenths    | 0         |
| Mg Tenths    | 0         |
| Zn Hundredth | 0         |
| Fe Hundredth | 0         |
| Mn Hundredth | 0         |
| Cu Hundredth | 0         |
| B Hundredth  | 0         |
| HA Hundredth | 0         |

8. Once the desired information, analysis, and tolerances are set, select **Save**.

## Printing the Sate Fertilizer Tag

1. Create a Blend Ticket in Blending.
2. When printing the Blend Ticket, check the *Print State Fertilizer Tag*, *Print Blend Ticket Number*, and *Print* options in the *State Fertilizer Tag Options* section. Choose **OK**.

| Grow ID | Field ID | Field # | Description | Layer       | Layer Attribute |
|---------|----------|---------|-------------|-------------|-----------------|
| 1       | Ris31    | Nfield  | 174         | North field | (Perimeter O... |

3. A window will display to review the information that will print on the State Fertilizer Tag.

Review Fertilizer Tag Information for Ticket (50627)

| General                    |  | Nitrogen Detail                  |   |
|----------------------------|--|----------------------------------|---|
| Grade                      | 10 - 10 - 10   | Total Iron (Fe)                  | 0   |
| Total Nitrogen (N)         | 10   | Water Soluble Fe                 | 0   |
| Available Phosphate (P2O5) | 10   | Chelated Fe                      | 0   |
| Soluble Potash (K2O)       | 10   | Total Copper (Cu)                | 0   |
| Chlorine (Cl)              | 11.96  | Water Soluble Cu                 | 0   |
| Total Magnesium (Mg)       | 0  | Chelated Cu                      | 0   |
| Water Soluble Mg           | 0  | Total Sulfur (S)                 | 14.6  |
| Chelated Mg                | 0  | Combined Sulfur                  | 14.6  |
| Magnesium as MgCO3         | 0  | Free Sulfur                      | 0.0   |
| Total Manganese (Mn)       | 0  | Total Calcium (Ca)               | 0   |
| Water Soluble Mn           | 0  | Calcium as CaCO3                 | 0   |
| Chelated Mn                | 0  | Total Boron (B)                  | 0   |
| Total Zinc (Zn)            | 0  | User Defined Nutrient            | HA from Leonardite  |
| Water Soluble Zn           | 0  | User Defined Nutrient Value      | 0.00  |
| Chelated Zn                | 0  | Lbs/Gallon (Liquid)              | 11.85   |
| Derived From               | Ammonium Phosphate, Anhydrous Ammonia, Elemental Sulfur, Muriate of Potash |                                  |   |
| Calcium Carbonate Equival  |  | Passing 10 Mesh Sieve            |   |
| Passing 60 Mesh Sieve      |  | Passing 100 Mesh Sieve           |   |
| Net Weight (Lbs)           | 21577  | Fertilizer Warnings              |   |
|                            |  | Additional Warnings / Directions |   |
|                            |  | <Custom Mix (Brand Name)>        |   |
|                            |  | Internet Statement               | Information regarding the contents and levels of metals in this product is available on the Internet at |

Done

**Note:** If this window does not appear, navigate to *Blending / Setup / Location Preferences* and check the *Review Tag Numbers* option in the *State Fertilizer Tag* section on the *Print Prefs* tab.

- Once the information has been reviewed, select **Done** and the State Fertilizer Tag will print.

## Manitoba Tags

Review Fertilizer Tag Information for Ticket (50835)

|                              |              |   |  |
|------------------------------|--------------|---|--|
| Grade                        | 15 - 23 - 23 | Total Copper (Cu)                               | 0.00   |
| Total Nitrogen (N)           | 15           | Total Boron (B)                                 | 0.00   |
| Ammoniacal Nitrogen          | 8.79         | User Defined Nutrient                           | HA from Leonardite                           |
| Nitrate Nitrogen             | 0            | User Defined Nutrient Value                     | 0.00   |
| Organic/Other Sol. Nitrogen  | 6.21         | Calcium Carbonate Equival                       |  |
| Water Insoluble Nitrogen     | 0            | Passing 10 Mesh Sieve                           |  |
| Available Phosphate (P2O5)   | 23           | Passing 100 Mesh Sieve                          |  |
| Soluble Potash (K2O)         | 23           | Net Weight (in Kg)                              | 2418   |
| Chlorine (Cl), Not more than | 29.38        | Derived From                                    | Diamonium Phosphate, Muriate of Potash, Urea |
| Total Sulfur (S)             | 0.0          | <input type="checkbox"/> Use override statement |  |
| Total Calcium (Ca)           | 0.0          | Caution Statement                               |  |
| Total Magnesium (Mg)         | 0.0          |   |  |
| Total Zinc (Zn)              | 0.00         |   |  |
| Total Iron (Fe)              | 0.00         |   |  |
| Total Manganese (Mn)         | 0.00         |   |  |
| Pesticide Description        |              |   |  |
| Additional Warnings          |              |   |  |

**Done**

15 - 23 - 23  
Guaranteed Analysis

Customer:  
State Fert Tag

|   |             |
|---|-------------|
| <b>Total Nitrogen (N)</b>                                     | <b>15 %</b> |
| 8.79 % Ammoniacal Nitrogen                                    |             |
| 0 % Nitrate Nitrogen  |             |
| 6.21 % Organic/Other Soluble Nitrogen                         |             |
| 0 % Water Insoluble Nitrogen                                  |             |
| <b>Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>)</b> | <b>23 %</b> |
| <b>Soluble Potash (K<sub>2</sub>O)</b>                        | <b>23 %</b> |

|   |         |
|---|---------|
| Derived From: Diamonium Phosphate, Muriate of Potash, Urea<br>Chlorine (Cl) (Max) | 29.38 % |
|---|---------|

Net Weight = 2418 Kg.

Manufactured by:  
SSI Ag Supply & Services - Main Plant  
123 N. South Street  
Shelbyville, IL 62565

Blend Ticket: 50835