

Canada Fertilizer Tags - NB

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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 shows the 'Blend Setup' tab in the Agvance software. The 'Consistency' section has 'Liquid' selected. The 'Product Density' is 11.04 Lbs/Gal. The 'Rate/Acre Units' and 'Blending Units' are both set to 'Lbs'. The 'Recommended Rate/Acre' is empty. The 'Rate to Blending Ratio' is 1, and the 'Blend to Inventory Ratio' is 1. The '% Solid Material', '% Water', and '% Clay' are all empty. The 'Blender Factor' is 23. The 'Nutrient Contributor Information' section is expanded, showing input fields for N (12), P, K, S (26), HA, Ca, Mg, Zn, Fe, Mn, Cu, and B. A red box highlights the 'Details' button at the bottom right of the window.

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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|-----------------|--|----|----|----|----|---|----|------|------|-----|--|---------------|-----------------|---|---------------|-----|-----|--|------------|---|-----|--|--------------------------|---|-----|--|---------|---|-----|--|--------------------|---|-----|--|-----------------------|---|--|--|--|--|--|--|--|--|--|--|
| <table border="1"> <thead> <tr> <th></th> <th>% of Total N:</th> <th>% Slow Release:</th> <th>Slow Release Derived From Product List:</th> </tr> </thead> <tbody> <tr> <td>Ammoniacal N:</td> <td>100</td> <td>0.0</td> <td></td> </tr> <tr> <td>Nitrate N:</td> <td>0</td> <td>0.0</td> <td></td> </tr> <tr> <td>Other / Water Soluble N:</td> <td>0</td> <td>0.0</td> <td></td> </tr> <tr> <td>Urea N:</td> <td>0</td> <td>0.0</td> <td></td> </tr> <tr> <td>Water Insoluble N:</td> <td>0</td> <td>0.0</td> <td></td> </tr> <tr> <td>Total Slow Release N:</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td>Other / Water Soluble and Water Insoluble:</td> </tr> <tr> <td colspan="3"></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | | | % 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: | | | | |
| | % 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 | | | | |
|--|-----|---|----|----|----|----|----|---|----|------|------|-----|--------------------|-----|----------------|---|
| <table border="1"> <tbody> <tr> <td>% Combined Sulphur</td> <td>100</td> </tr> <tr> <td>% Free Sulphur</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | | | | % Combined Sulphur | 100 | % Free Sulphur | 0 |
| % 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:

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

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:

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.

New Brunswick Tags

Review Fertilizer Tag Information for Ticket (50836)

| | | | |
|------------------------------|--------------|---|--|
| Grade | 15 - 23 - 23 | Total Copper (Cu) | 0.00 |
| Total Nitrogen (N) | 15 | Total Boron (B) | 0.00 |
| Ammoniacal Nitrogen | 8.43 | User Defined Nutrient | HA from Leonardite |
| Nitrate Nitrogen | 0 | User Defined Nutrient Value | 0.00 |
| Organic/Other Sol. Nitrogen | 6.57 | 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) | 64 |
| Chlorine (Cl), Not more than | 27.96 | 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

| | |
|---|-------------|
| Total Nitrogen (N) | 15 % |
| 8.43 % Ammoniacal Nitrogen | |
| 0 % Nitrate Nitrogen | |
| 6.57 % Organic/Other Soluble Nitrogen | |
| 0 % Water Insoluble Nitrogen | |
| Available Phosphoric Acid (P₂O₅) | 23 % |
| Soluble Potash (K₂O) | 23 % |

| | |
|--|---------|
| Derived From: Diamonium Phosphate, Muriate of Potash, Urea | |
| Chlorine (Cl) (Max) | 27.96 % |

Net Weight = 64 Kg.

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

Blend Ticket: 50836