

# State Fertilizer Tags - Oregon

Last Modified on 12/08/2022 9:25 am CST

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 and set nutrient values.

The screenshot shows the 'Blend Setup' tab in the Agvance software. The 'Consistency' section has 'Liquid' selected. 'Product Density' is 11.04 Lbs/Gal. 'Rate/Acre Units' and 'Blending Units' are both set to 'Lbs'. 'Recommended Rate/Acre' is empty. 'Rate to Blending Ratio' is 1, and 'Blend to Inventory Ratio' is 1. '% Solid Material', '% Water', and '% Clay' are empty. 'Blender Factor' is 23. The 'Nutrient Contributor Information' section shows values for N (12), S (26), HA, Ca, Mg, Zn, Fe, Mn, Cu, and B. The 'Details' button is highlighted with a red box.

| Nutrient Contributor Information |    |    |  |    |  |    |    |    |  |    |  |
|----------------------------------|----|----|--|----|--|----|----|----|--|----|--|
| N                                | 12 | P  |  | K  |  | S  | 26 | HA |  | Ca |  |
| Mg                               |    | Zn |  | Fe |  | Mn |    | Cu |  | B  |  |

**Details**

**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">Other / Water Soluble and Water Insoluble:</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** in the bottom right to save the Chemical Composition.
5. On the *Blend Setup* tab, enter the product's *Fertilizer Ingredients* information. Enter 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 the *Print Prefs* tab at *Blending / Setup / Location Preferences* 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

8. 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 in the *State Fertilizer Tag* section.

|    | 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         |

9. 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. Select **OK**.

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

3. A window displays 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 Equivalent     |   |
|                            |  | 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, go to the *Print Prefs* tab at *Blending / Setup / Location Preferences* and check the *Review Tag Numbers* box in the *State Fertilizer Tag* section.

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

## Oregon State Tags

## Review Fertilizer Tag Information for Ticket (50831)

General Nitrogen Detail

|                            |   |                               |                    |   |      |
|----------------------------|---|-------------------------------|--------------------|---|------|
| Grade                      | 15 - 23 - 23  | Total Iron (Fe)               | 0                  | Calcium Carbonate Equival               |      |
| Total Nitrogen (N)         | 15  | Water Soluble Fe              | 0                  | Passing 10 Mesh Sieve                   |      |
| Available Phosphate (P2O5) | 23  | Chelated Fe                   | 0                  | Passing 20 Mesh Sieve                   |      |
| Total Phosphate            | 0.00  | Total Copper (Cu)             | 0                  | Passing 40 Mesh Sieve                   |      |
| Soluble Potash (K2O)       | 23  | Water Soluble Cu              | 0                  | Passing <input type="text"/> Mesh Sieve |      |
| Chlorine (Cl)              | 29.38   | Chelated Cu                   | 0                  | Net Weight (Lbs)                        | 5330 |
| Total Magnesium (Mg)       | 0   | Total Sulfur (S)              | 0                  | Density (Lbs/Gal)                       |      |
| Water Soluble Mg           | 0   | Combined Sulfur               | 0                  | Fertilizer Warnings                     |      |
| Chelated Mg                | 0   | Free Sulfur                   | 0                  |   |      |
| Magnesium as MgCO3         | 0   | Total Calcium (Ca)            | 0                  |   |      |
| Total Manganese (Mn)       | 0   | Calcium as CaCO3              | 0                  |   |      |
| Water Soluble Mn           | 0   | Total Boron (B)               | 0                  | <Additional Warnings / Directions>      |      |
| Chelated Mn                | 0   | User Defined Nutrient         | HA from Leonardite |   |      |
| Total Zinc (Zn)            | 0   | User Defined Nutrient Value   | 0.00               |   |      |
| Water Soluble Zn           | 0   | User Defined Nutrient 2       |                    |   |      |
| Chelated Zn                | 0   | User Defined Nutrient Value 2 | 0                  | <Ag Mineral Product Name>               |      |
| Internet Statement:        | Information regarding the contents and levels of metals in this product is available on the Internet at <a href="http://www.aapfco.org/metals.htm">http://www.aapfco.org/metals.htm</a> |                               |                    |   |      |
| Derived From               |   |                               |                    |   |      |

Done

## Review Fertilizer Tag Information for Ticket (50831)

General Nitrogen Detail

|                                |      |
|--------------------------------|------|
| <b>% Total N:</b>              |      |
| Ammoniacal Nitrogen            | 8.79 |
| Nitrate Nitrogen               | 0    |
| Water Insoluble Nitrogen       | 0    |
| Urea Nitrogen                  | 6.21 |
| Other / Water Soluble Nitrogen | 0    |
| Slow Release Nitrogen          | 0    |

15 - 23 - 23  
Guaranteed Analysis

|  |         |
|--|---------|
| Total Nitrogen (N)                                   | 15 %    |
| 8.79 % Ammoniacal Nitrogen                           |         |
| 6.21 % Urea Nitrogen                                 |         |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 23 %    |
| Soluble Potash (K <sub>2</sub> O)                    | 23 %    |
| Chlorine (Cl) (Max)                                  | 29.38 % |

Net Weight = 5330 Lbs.

Information regarding the contents and levels of metals in this product is available on the Internet at  
<http://www.aapfoo.org/metals.htm>

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

Blend Ticket: 50631