

Canada Fertilizer Tags - NF

Last Modified on 12/08/2022 11:03 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 to set nutrient values.

The screenshot displays the 'Blend Setup' tab in the Agvance software. It includes several input fields and dropdown menus for configuring fertilizer blend parameters. The 'Consistency' section has 'Liquid' selected. The 'Product Density' is set to 11.04 Lbs/Gal. The 'Rate/Acre Units' and 'Blending Units' are both set to 'Lbs'. The 'Recommended Rate/Acre' field is empty. The 'Rate to Blending Ratio' and 'Blend to Inventory Ratio' are both set to 1. The '% Solid Material', '% Water', and '% Clay' fields are empty. The 'Blender Factor' is set to 23. The 'Nutrient Contributor Information' section shows the following values: N: 12, P: empty, K: empty, S: 26, HA: empty, Ca: empty, Mg: empty, Zn: empty, Fe: empty, Mn: empty, Cu: empty, B: empty. A 'Details' button is highlighted with a red box.

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.

Newfoundland and Labrador Tags

Review Fertilizer Tag Information for Ticket (50837)

Grade	<input type="text" value="15 - 23 - 23"/>	Total Copper (Cu)	<input type="text" value="0.00"/>
Total Nitrogen (N)	<input type="text" value="15"/>	Total Boron (B)	<input type="text" value="0.00"/>
Ammoniacal Nitrogen	<input type="text" value="8.43"/>	User Defined Nutrient	<input type="text" value="HA from Leonardite"/>
Nitrate Nitrogen	<input type="text" value="0"/>	User Defined Nutrient Value	<input type="text" value="0.00"/>
Organic/Other Sol. Nitrogen	<input type="text" value="6.57"/>	Calcium Carbonate Equival	<input type="text"/>
Water Insoluble Nitrogen	<input type="text" value="0"/>	Passing 10 Mesh Sieve	<input type="text"/>
Available Phosphate (P2O5)	<input type="text" value="23"/>	Passing 100 Mesh Sieve	<input type="text"/>
Soluble Potash (K2O)	<input type="text" value="23"/>	Net Weight (in Kg)	<input type="text" value="64"/>
Chlorine (Cl), Not more than	<input type="text" value="27.96"/>	Derived From	<input type="text" value="Diamonium Phosphate, Muriate of Potash, Urea"/>
Total Sulfur (S)	<input type="text" value="0.0"/>	<input type="checkbox"/> Use override statement	<input type="text"/>
Total Calcium (Ca)	<input type="text" value="0.0"/>	Caution Statement	<input type="text"/>
Total Magnesium (Mg)	<input type="text" value="0.0"/>		
Total Zinc (Zn)	<input type="text" value="0.00"/>		
Total Iron (Fe)	<input type="text" value="0.00"/>		
Total Manganese (Mn)	<input type="text" value="0.00"/>		
Pesticide Description	<input type="text"/>		
Additional Warnings	<input type="text"/>		

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: 50837