

User Defined Nutrients - Start With

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User Defined Product Attributes can be set up to use in Blending.

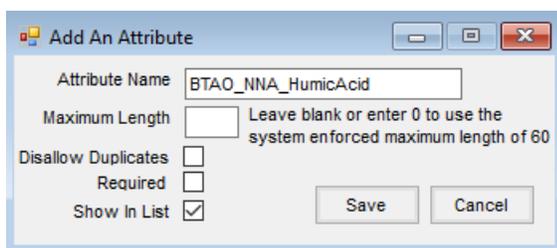
Select **Start With Products** on the *General* tab of a Blend Ticket. The *Start-With Product Information* window will appear. In the row of the Product selected under the *Rate/Acre* or *Rate/Ton* column, right-click to access the *Nutrient Calculator*. This window allows the option to select from a list of predefined Product Attributes to handle any of the 12 major nutrient contributors that exist on the Product, plus any of the Product Attributes that begin with any of the following:

- BTAO_NNA_
- BTAO_CAI_
- BTAO_OMI_
- BTAO_HVY_

These acronyms stand for:

- **BTAO** – Blend Ticket Add On
- **NNA** – Non Nutrient Additive
- **CAI** – Chemical Active Ingredient
- **OMI** – Other Minor Ingredient
- **HVY** – Heavy Metal

To add an Attribute, go to *Hub / Setup / Company Preferences*. On the *Product* tab, select **Product Attributes** then **Add**. In the example below, an Attribute for Humic Acid is added.



The screenshot shows a dialog box titled "Add An Attribute". It contains the following fields and options:

- Attribute Name:** BTAO_NNA_HumicAcid
- Maximum Length:** (empty field) Leave blank or enter 0 to use the system enforced maximum length of 60
- Disallow Duplicates:**
- Required:**
- Show In List:**
- Buttons:** Save, Cancel

If the Product has a *Unit Weight* that is a non-zero value and a *Nutrient Value* or an *Attribute Value* that is greater than zero, that nutrient will be displayed in the *Selection Combo* box in the *Start-With Product Information* window. If a Product has no nutrients or Attributes that meet the criteria, the form will not be shown. As before, this form will not be shown if entering quantities in kilograms.

Product Information for Fert Additives - 00 / GroMore

Profile Safety Blend Setup Pricing Sales Activity Tier II Seed / Lots Mapping Recs Interfaces

AGIS <Department> Addi00 ? Product ID GroMore Manufacturer Part #

Product Name GroMore Alternate Product ID

Technology Group (None) GTIN SSI Global ID 0

Manufacturer Edit GTIN Clear SSI Global ID

Bar Code ID

Re-order Level 0 EDI Reportable

Amount on Hand 0 Inactive

Inventory Units Lbs Consignment

Unit Weight 8.5 Lbs/Lbs On Hold

Package Units Gal Package Size Is Bulk

Package Size 1 Lbs/Gal Shipping Manifest Pkg Qty is Always 1

<Commodity Ref>

Storage Codes <Storage Code>

Classifications **Attributes** Substitutions Bar Codes

Product Cross References Meppel ID MeplnvCode MeppAgency Gasboy

Threshold Ratio Wizard Manufactured Formula Save Cancel

For this example, a Product called GroMore will be used. This Product has a Non-Nutrient Additive ingredient. An *Attribute Value* of 50 has been entered which means the Humic Acid content of the GroMore product is 50%.

Attributes

	Attribute Name	Attribute Value
1	Bag Weight	
2	Product UPC	
3	Seed Count	
4	Seed Size	
5	Traits	
6	Treatment	
7	UOM	
8	Variety	
9	Eagle SKU	
10	<AgrisProd Category>	
11	Eagle Department Xref	
12	RepID	
13	Sabre Product Xfer	
14	BTAO_NNA_HumicAcid	50
15	United Suppliers PO ID	
16	NYCommercialContainer	

Done

Upon adding a new Blend Ticket, select **Start With Products**. On the *Start-With Product Information* window, double-click on *Product Name* to select the Product.

Add Blend Ticket # 546

General Products Prices Blend

Customer ID AndBa ? View Maps Zone All <Crop> <Crop>

Field ID BA-01 ? Plan [Red] Placement <Crop> Ordered Date 06/06/2024

Blend Type Calculated Analysis <Crop Chemistry> Loaded Date / /

<Billing Notes> <Quantity> 97.980 Acres Product Set 00-BasicLiquid Time 10:36:29 AM

Apply New Acres Optimize By Average Cost Loaded Custom Applied

Agrian Rec Import Blend Price By Products Respray Repacked

Registration # VRT Mini Bulk

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

Formulate By

Lbs of Plant Food Product Limits

Guaranteed Analysis Start With Products

Lbs of Analysis 2000 Load Nut Recs ?

Gal of Analysis Formulate

View Analysis Show Splits Additional Info... Edit to Actual Capture Blender Save Cancel

Print on Save

Right click in the *Rate/Ton (Rate/Acre)* column to access the *Nutrient Calculator* window.

Start-With Product Information for Location 00MAIN

Product Information

GroMore Amount on Hand 0

Consistency Dry Rate/Acre Units

Inventory Units Gal Blending Units

Product Density 8.5 % Solid Material

Unit Weight 8.5 Unit Weight % Water 70 Save Product Info

Rate to Blending Ratio 1 % Clay

Blend to Inventory Ratio 8.5

N P K S UD Ca Mg Zn Fe Mn Cu B

	Use	<Product Name>	Rate/Acre	Unit
1	<input type="checkbox"/>	GroMore		Lbs

The grid to the left shows all of your START WITH products. To use one or more of them on this blend ticket click on the check box and type in a total quantity or rate/acre amount. Click on a row to edit/view that products information. Double click on a row to replace that start with product with a different product from your inventory.

Enter Quantity In

Total Quantity

Rate/Acre Done

Quantity In Kilograms

Set the *Amount in Pounds* of the active ingredient.

Product: GroMore

Nutrient: BTAO_NNA_HumicAcid

Amount in Pounds: 10

OK Cancel

In this example, the label on the *General* tab is set to *Tons* and that sets the default units for the *Start-With Product Information* window. This request would indicate 10 lbs of Humic Acid per ton of blended fertilizer. Because the GroMore product is 50% Humic Acid, the calculator indicates that 20 lbs/ton of GroMore is needed to meet this request.

Start-With Product Information for Location 00MAIN

Product Information

GroMore

Consistency: Dry

Inventory Units: Gal

Rate/Acre Units: Blending Units

Amount on Hand 0

Product Density: 8.5

Unit Weight: 8.5

Rate to Blending Ratio: 1

Blend to Inventory Ratio: 8.5

% Solid Material: []

% Water: 70

% Clay: []

Save Product Info

N	P	K	S	UD	Ca	Mg	Zn	Fe	Mn	Cu	B
[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

	Use	<Product Name>	Rate/Acre	Unit
1	<input checked="" type="checkbox"/>	GroMore	20.000	Lbs

Enter Quantity In

Total Quantity

Rate/Acre

Quantity In Kilograms

Done

The grid to the left shows all of your START WITH products. To use one or more of them on this blend ticket click on the check box and type in a total quantity or rate/acre amount. Click on a row to edit/view that products information. Double click on a row to replace that start with product with a different product from your inventory.

Select **Done**.

Continue with the formulation process. The program will start with the amount of Product in the *Start-With Product Information* window and fulfill the remainder of the request using Products from the Product Set.

Add Blend Ticket # 546

General Products Prices Blend

Customer ID AndBa ? View Maps Zone All <Crop>
 Field ID BA-01 ? Plan Placement
 Blend Type Calculated Analysis <Crop Chemistry>
 <Billing Notes>
 <Quantity> 10 Tons Product Set 00-BasicDry
 Apply New Tons Optimize By Average Cost
 Agrian Rec Import Blend Price By Guaranteed Analysis (%)
 Registration #
 <N> 10.00 <P> 10.00 <K> 10.00 <S> 5.00 UD 0.0000 <Ca> 0.000 <Mg> 0.000 <Zn> <Fe> <Mn> <Cu> B
 Formulate By
 Lbs of Plant Food
 Guaranteed Analysis
 Lbs of Analysis 2000
 Gal of Analysis
 Product Limits
 Start With Products
 Load Nut Recs ?
 Formulate
 View Analysis Show Splits Additional Info... Edit to Actual Capture Blender
 Save Cancel
 Print on Save

The *Products* tab shows the additive material brought in by the Start-With Products feature using the User Defined Non-Nutrient Additive feature. The 10 ton request shows that 200 lbs of GroMore is needed and is included in the mixed total of 20,000 lbs of Product.

Add Blend Ticket # 546

General Products Prices Blend

Tons 10 Set 00-BasicDry Target lbs of Analysis 2000 Reorder Products

	<Product Name>	Rate/Ton	Unit	Total Product	Unit	Blended	Blended Unit	Scale
1	Urea (46-0-0)	74.433	Lbs	744.330	Lbs	740.000	Lbs	1
2	Dap (18-46-00)	434.783	Lbs	4347.830	Lbs	4350.000	Lbs	1
3	Potash (0-0-60)	333.333	Lbs	3333.330	Lbs	3330.000	Lbs	1
4	Ammonium Sulfate	416.667	Lbs	4166.670	Lbs	4170.000	Lbs	1
5	Dry Filler	720.784	Lbs	7207.840	Lbs	7210.000	Lbs	1
6	GroMore	20.000	Lbs	200.000	Lbs	200.000	Lbs	2

Recalc using Rate/Ton Recalc using Total Product Recalc using Blended Recalc using Scale

Density 59.306 % Water 0.7 % Clay 0
 CuFt/Ton 33.724 Total CuFt 337.24 Est Salt Out Temp N/A
 Lbs/Ton 2000 Total Lbs 20000 Est Temp Change 0
 View Analysis Show Splits Additional Info... Edit to Actual Capture Blender
 Save Cancel
 Print on Save

