Blends - Agvance SKY Order

Last Modified on 11/11/2026 7:36 am CST

The playlist below covers viewing and entering Blends in Agvance SKY Order. Separate videos are also available within each relevant section of this article. It is recommended to expand the videos to full screen to ensure all details are visible.

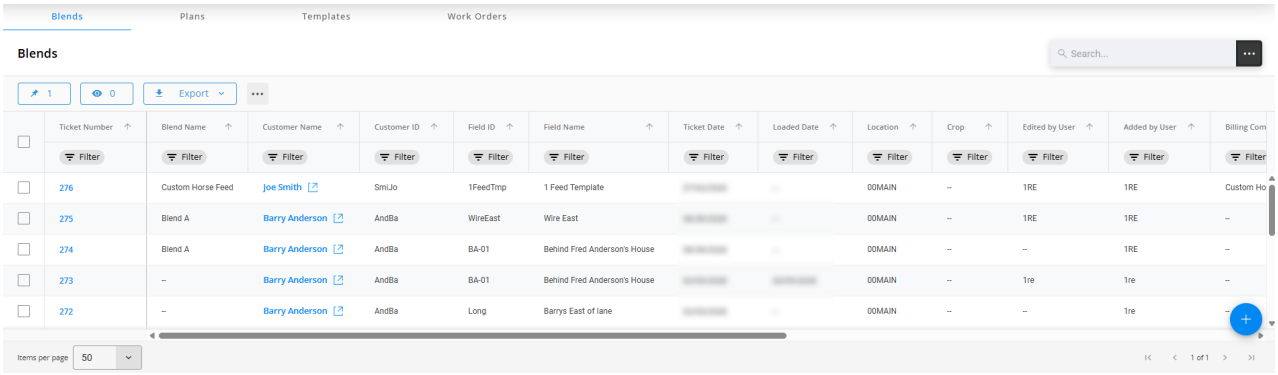
View Blends List

Blends are found under Agronomy in Agvance SKY Order and are displayed in a grid that operates much like an Excel spreadsheet. For more information on how the grid functions, see **Using Grids in Agvance SKY**.

Note: Blends must be enabled in **Agvance SKY Admin** before they can be viewed in Agvance SKY Order.

For those with access to Agvance SKY Customer, selecting a**Customer** opens the corresponding *Overview* page.

Selecting a **Ticket Number** opens the Blend as view-only with a button to **Edit Order** in the lower right if edits need made.



Search for Blends and scroll to the right to access columns giving the ability to:

- Export Documents
- Edit

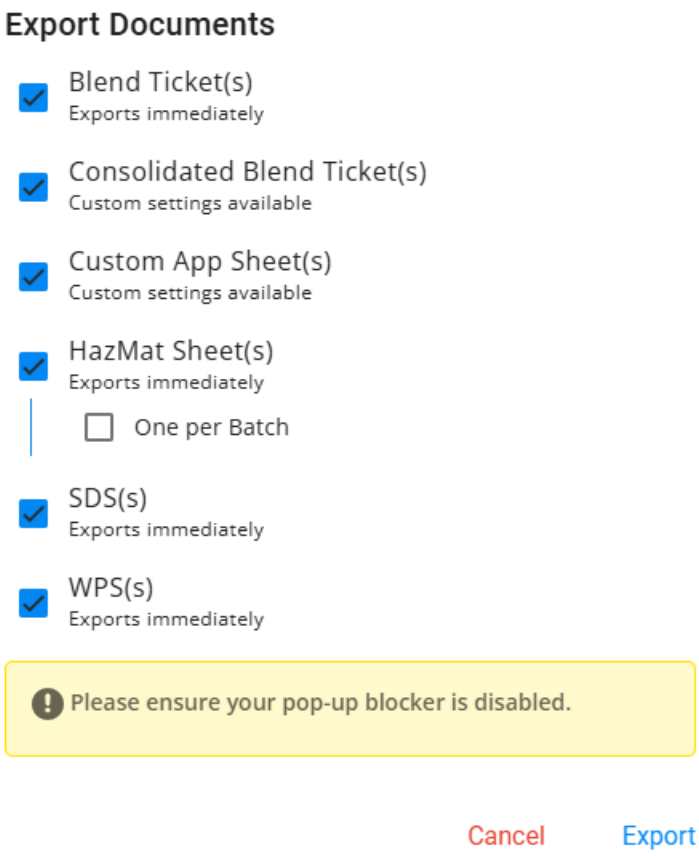
  Note: Only unprocessed (not invoiced), not loaded Blends can be edited.
- Create Auto Blender File
- Reverse
- Void

Note: These columns can be reordered within the grid, placing them where they are most convenient as described in **Using Grids in Agvance SKY**.

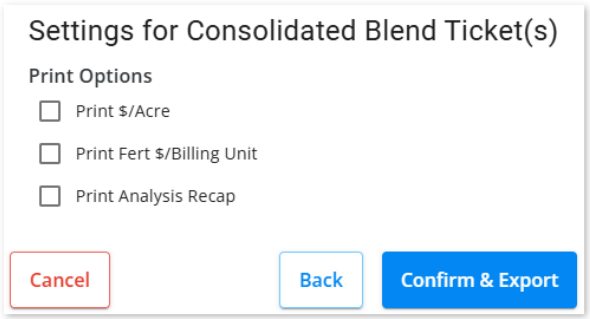
An option is available under the **Ellipsis** on the *Search* bar to *Export Documents*. Check the desired Blend(s) then choose this option to open the *Export Documents* window. From there, choose the desired document types then **Export**.

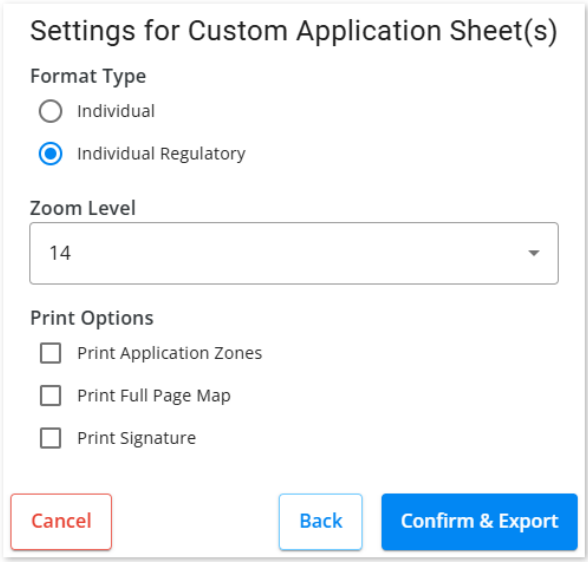
Note: The *SDS(s)* and *WPS(s)* options are available if Agrian is turned on in the database.

> Be sure any pop-up blockers are disabled.



Blend Tickets and HazMat Sheets export immediately. HazMat Sheets have an additional option of *One per Batch*. If *Consolidated Blend Ticket(s)* or *Custom App Sheet(s)* is checked, additional settings must be indicated before selecting **Confirm & Export**.





Blends can be added by selecting the **+ Add Blend** button in the bottom right. Use the navigation on the left to move to different sections of the Blend.

Location, Field

Location

1. Indicate the *Location* from the drop-down.



2. Optionally select a template from the *Template* drop-down. Some Product information will default into the Blend. If using a Template that is company-wide and has Products from a Location other than the Ticket Location, Agvance SKY Order will find the matching Product(s) for the Location where the Template is being applied using the Product ID and Inventory Department Category.

Scenario 1: All Products Have One Exact Match

- All Products on the Template have one exact match.
- No dialog will display, and the Products will be added to the Blend.

Scenario 2: No Matching Products

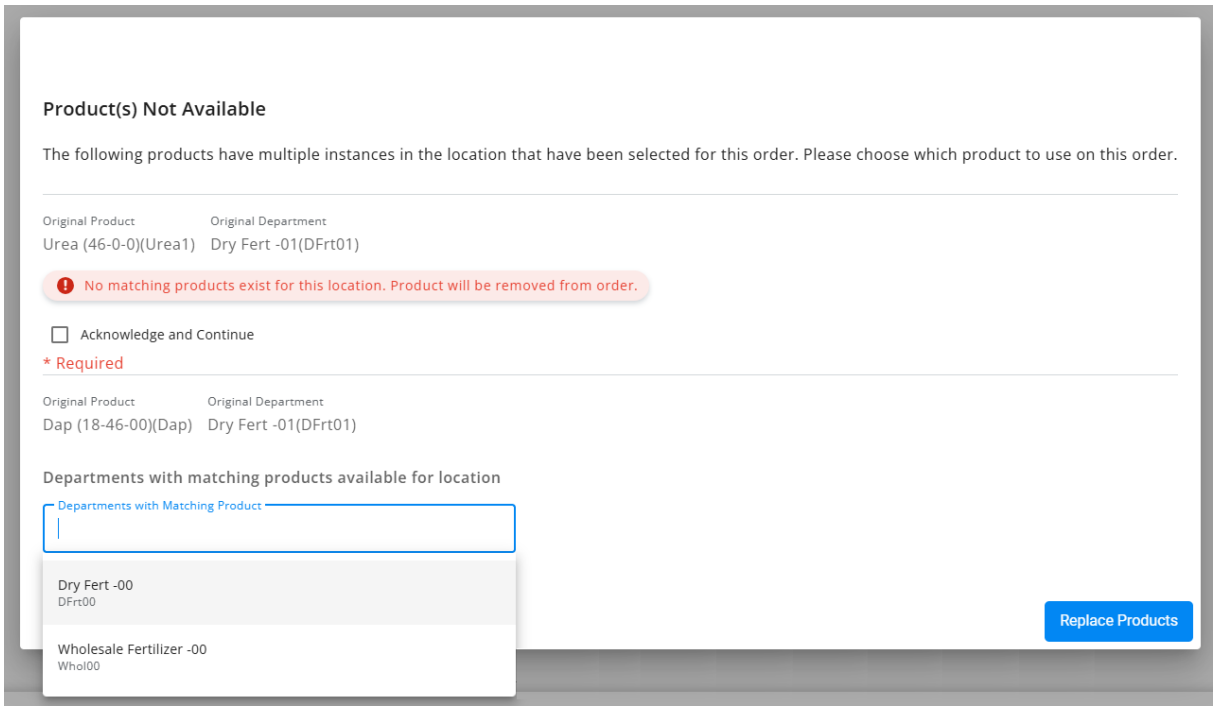
- A window will display indicating there are no matching Products.
- Close/cancel this dialog. The Template will be removed from the Blend (no Products will be added/removed).

Scenario 3: Multiple Matching Products

- A window will display giving the ability to choose the correct Inventory Department from where the Product should be pulled.

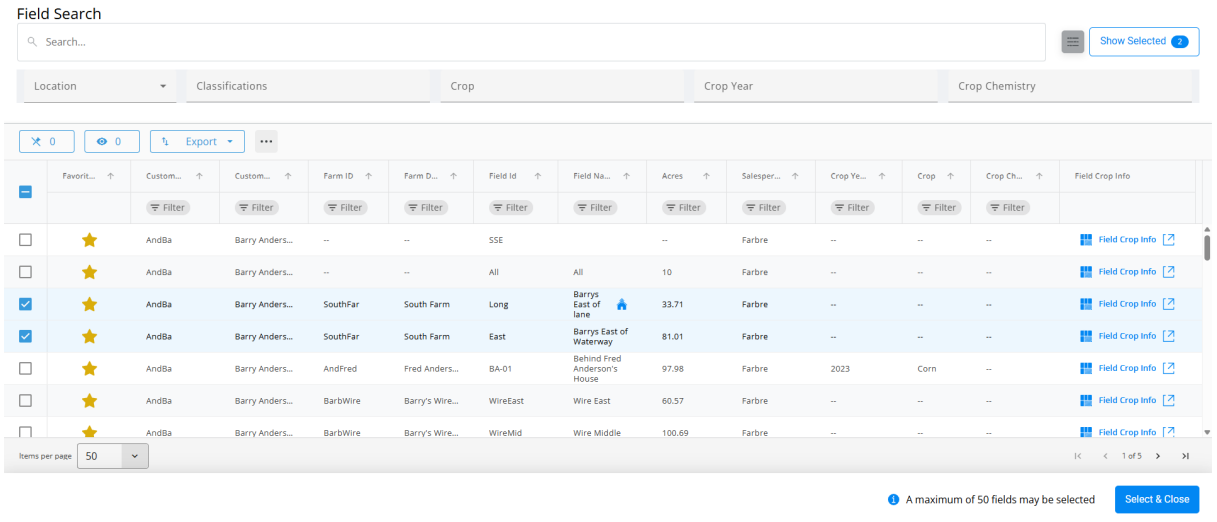
Scenario 4: Combination of Scenarios 1-3

- In this scenario, there are Products with no match and Products with multiple matches. Products with an exact match will be added to the Blend automatically and will not be included on the dialog. The *Acknowledge and Continue* checkbox must be selected before selecting **Replace Products** and will remove that Product from the order.



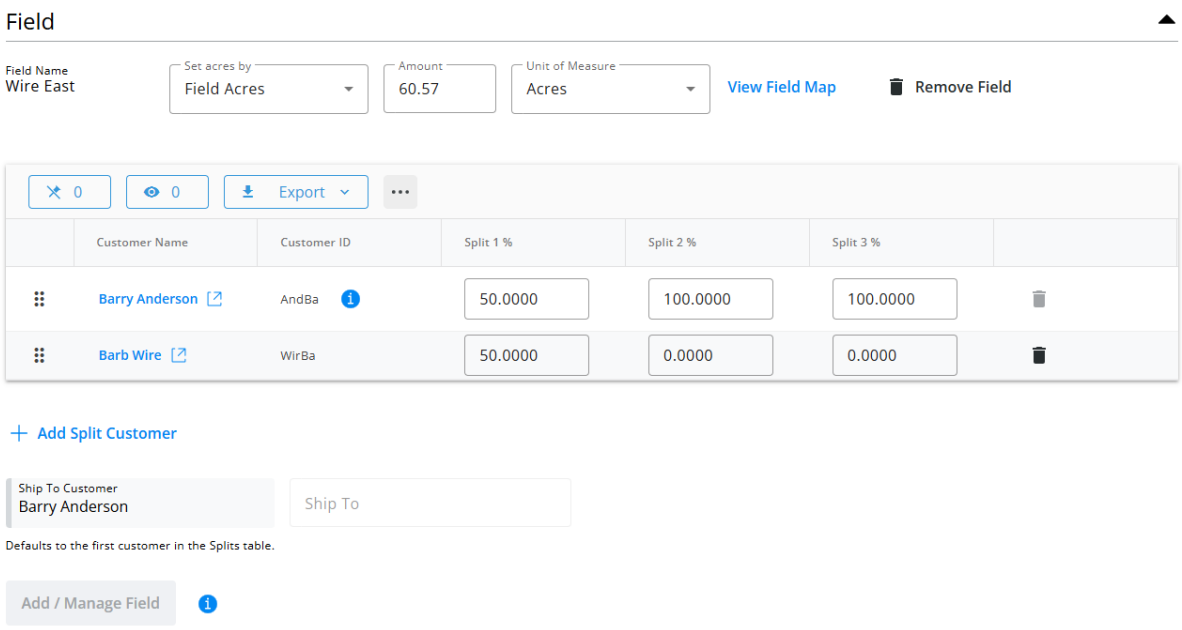
Field

1. Choose **+ Add Field**.
2. Use the *Search* field to find a specific Field or scroll through the list. Up to 50 Fields can be added to a Blend. The **Filters** button to the far right of the *Search* bar can be used to narrow down the list of Fields.



3. The **Show Selected** button next to the *Search* bar is enabled after choosing the Field. The number indicates how many Fields are currently checked. Selecting the button filters the grid to show only the selected Field.
4. Once the Field is selected, choose **Select & Close**.

   Note: Choose **Remove Field** to remove the currently selected Field and choose another.
5. The *Set acres by*, *Amount* and *Unit of Measure* default but can be changed if needed. Under *Set acres by*, choose to set by *Field Acres* or *GIS Acres*.



6. If the Field chosen has a Field boundary, a **View Field Map** button is available to view that boundary.



7. If more than one Customer exists on the Field, optionally update the *Split %*.
8. For single Blend transactions only (not batch), a split Customer can be added by selecting **+ Add Split Customer**. The **Delete** icon removes the Customer(s) from the transaction. The primary Customer cannot be removed. For those with access to Agvance SKY Customer, selecting a **Customer** opens the corresponding *Overview* page.

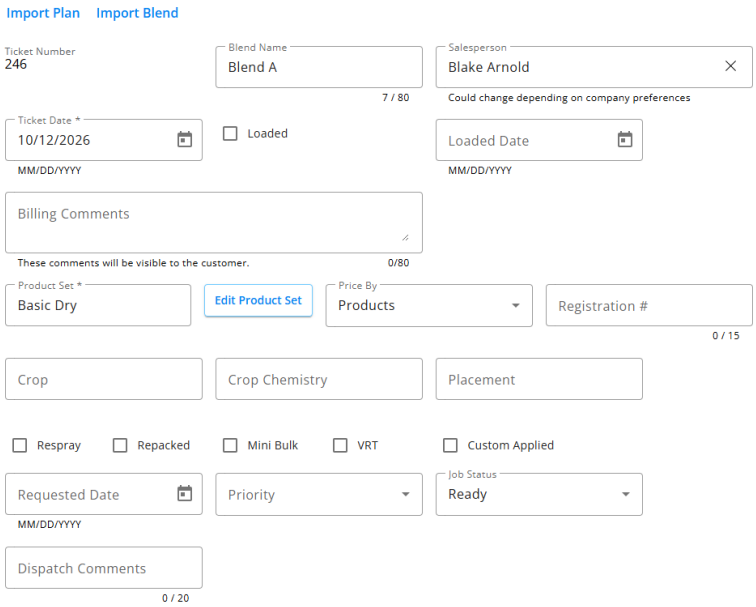
   Note: If split Customers are added or removed, the **Add / Manage Field** button is unavailable.
9. Additionally, a *Ship To* can be selected from the drop-down on the first Customer if applicable. Ship Tos must first be set up on the Customer's file.

Order Details

Use the **Import Plan** or **Import Blend** buttons to import a single Plan or a single Blend to bring in some *Order Details* as well as *Products*.

1. The *Ticket Number* defaults based on the Location selected.

   Note: If multiple Fields were selected, *Starting Ticket Number* will be displayed as the label.
2. Enter the *Blend Name*.

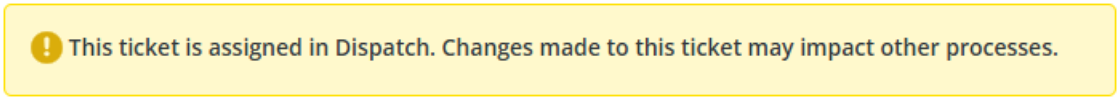


3. The *Salesperson* defaults depending on the setting selected in Agvance SKY Admin under *Order* but can be adjusted. More information on this setting can be found **here**.
4. The *Ticket Date* defaults to today's date but can be changed if needed.
5. If applicable, the Blend Ticket can be marked as *Loaded* and the *Loaded Date* can be indicated.
6. Optionally enter brief *Billing Comments* that will be displayed to the Customer.
7. Indicate the *Product Set* from the drop-down. Choosing **Edit Product Set** opens the *Edit Product Set* screen to make any needed changes. Select **Update Product Set** to save changes and return to the Blend. Changes made to the Product Set will be saved for the current order as well as future orders.

   Note: If editing the Product Set after formulating by analysis in the *Products* section and the changes made will produce a different result, it will be necessary to select **Formulate** again.
8. Under the *Price By* drop-down, choose to price by *Products*, *Blended Analysis*, or *Guaranteed Analysis*.
9. A *Registration #* of up to 15 characters can optionally be entered.
10. The *Crop*, *Crop Chemistry*, and *Placement* drop-downs are all optional but can be helpful if this information is known.
11. Additional options of *Respray*, *Repacked*, *Mini Bulk*, *VRT*, and *Custom Applied* are available.
12. The *Requested Date* and *Priority* are optional.

13. The *Job Status* can be selected from the drop-down and indicates the status of the job in Agvance SKY Dispatch. Only *Ready* or *On Hold* can be selected (*In Process* and *Complete* are disabled here and can only be done in Agvance SKY Dispatch).

    Note: If the job is assigned or set to *In Process* in Agvance SKY Dispatch, the *Job Status* is view-only. When editing a Blend that has been assigned in Agvance SKY Dispatch and is set to *Ready*, a warning will display indicating the job has been assigned, and changes made may impact other processes.

14. A brief note can be added for the dispatcher in the *Dispatch Comments* field.

Products

Products can be added manually or via formulation.

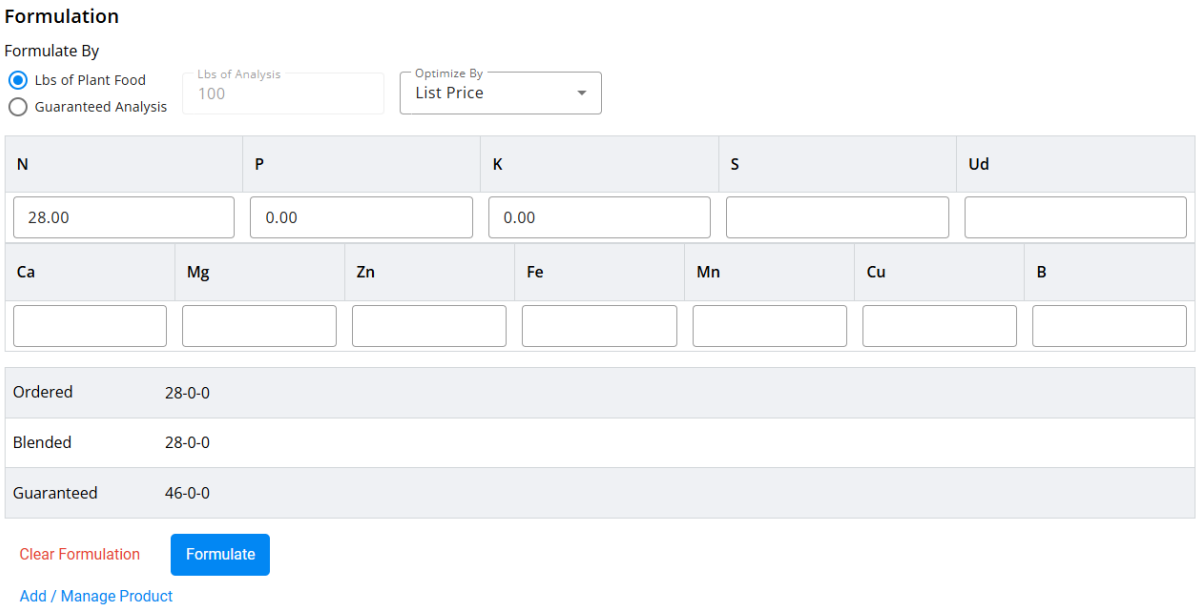
Note: If an inactive Product has been added either manually or by formulating, the inactive Product name will display with a tooltip indicating the Product needs to be removed or activated to save. If trying to save without removing the Product, a window will display requiring the Product to be activated or giving the option to go back and remove the Product. If multiple Products are inactive and not all should be activated, go back to the order, remove the Product that should not be activated, then choose **Create Order** again to activate the needed Product(s).

If a Plan or Blend was imported, Products and their quantities will default from the Plan or Blend selected. If this is the case, review the Products and amounts.

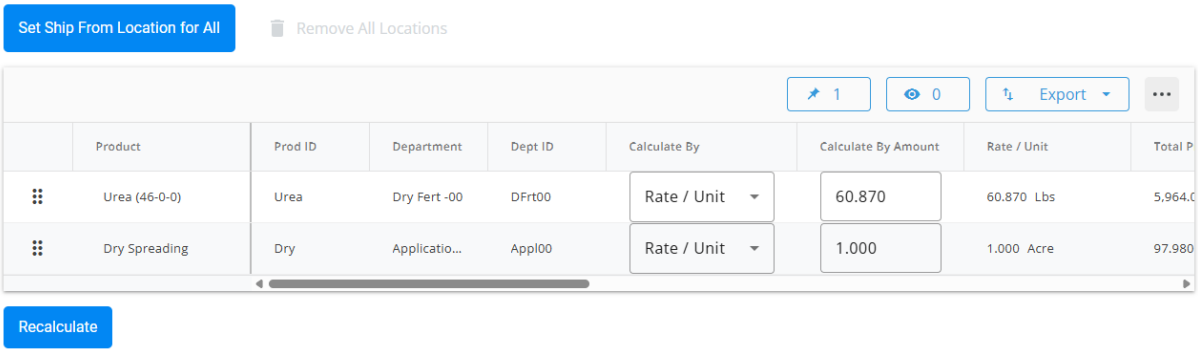
To make changes, follow the steps below. If no changes are needed, move on to the *Pricing* tab.

Formulation

1. Indicate if formulating by *Lbs of Plant Food* or *Guaranteed Analysis*. If choosing *Guaranteed Analysis*, enter the *Lbs of Analysis*.
2. Select the appropriate *Optimize By* option from the drop-down.
3. Enter requested nutrients in the *Ordered* area.
4. Select **Formulate** then review the *Calculated Analysis*. To redo the formulation, select **Clear Formulation** and re-enter the correct values.



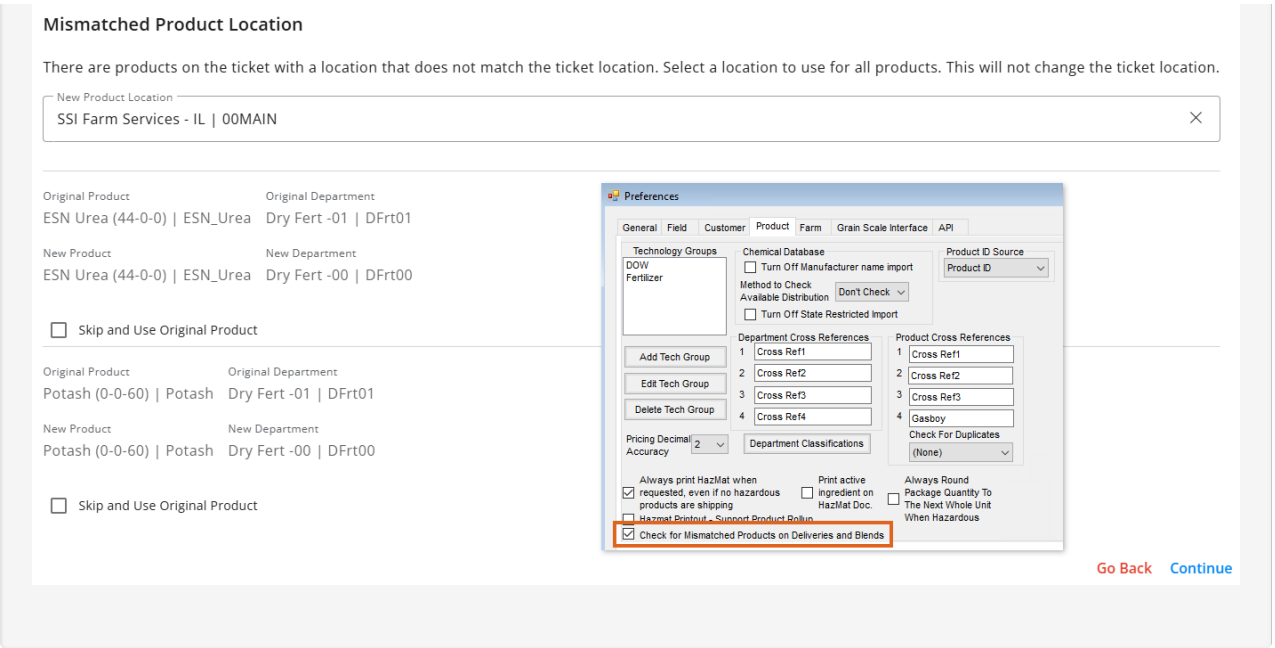
5. Additional Products can be added by selecting **Add / Manage Product**. See the *Add Products Manually* section below for more details.



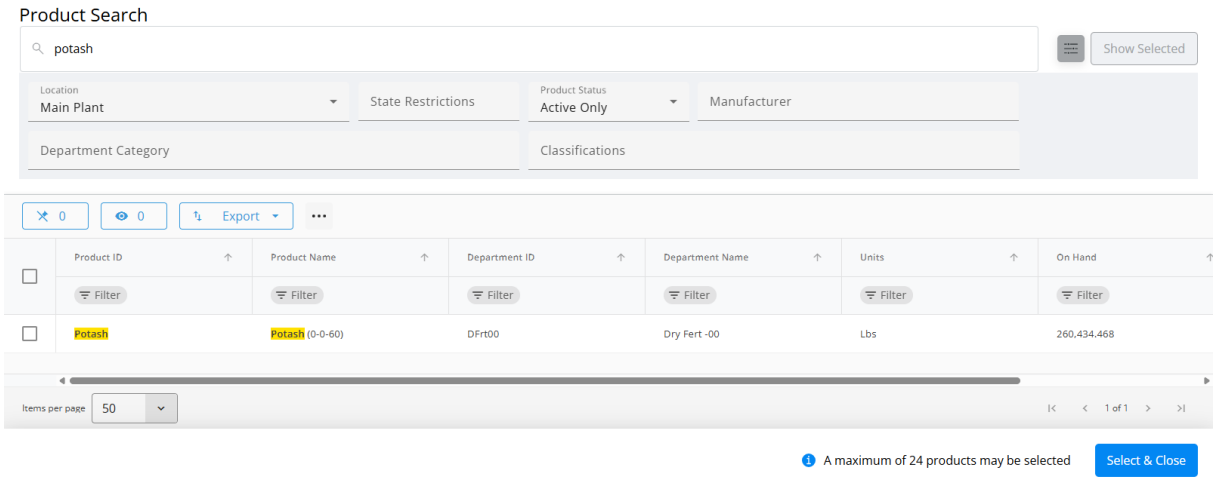
6. The Products display in a **grid** below.

Add Products Manually

When the *Check for Mismatched Products on Deliveries and Blends* preferences is checked on the *Product* tab at *Hub / Setup / Company Preferences* and Products have been added from a Location other than the ticket Location, a window will display upon saving to indicate the appropriate Location for the Product(s) or to *Skip and Use Original Product*.

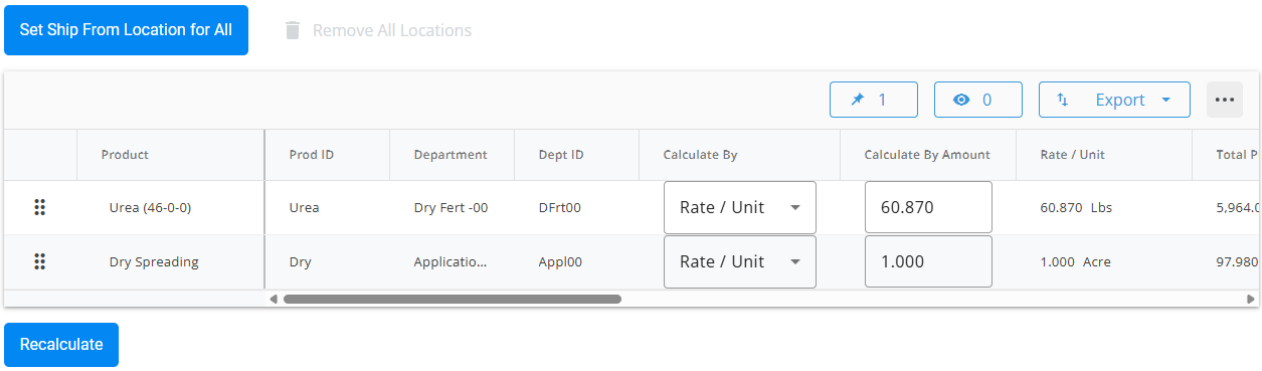


1. Select **+ Add Product**.
2. A grid of Products displays. Use the *Search* field to find the appropriate Product(s) or scroll through the list.

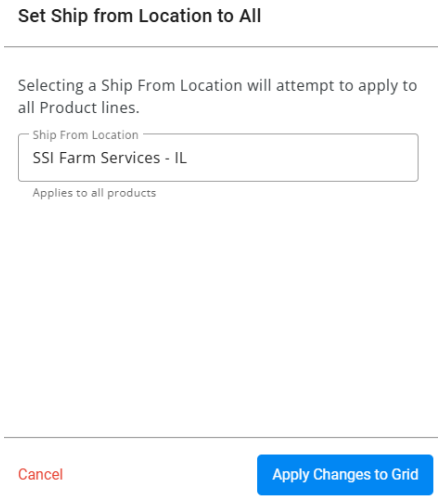


3. The **Filters** button to the far right of the *Search* bar can be used to narrow down the list of Products. The **Show Selected** button displays only Products that have been checked for the Blend.
4. Choose **Select & Close** when finished.

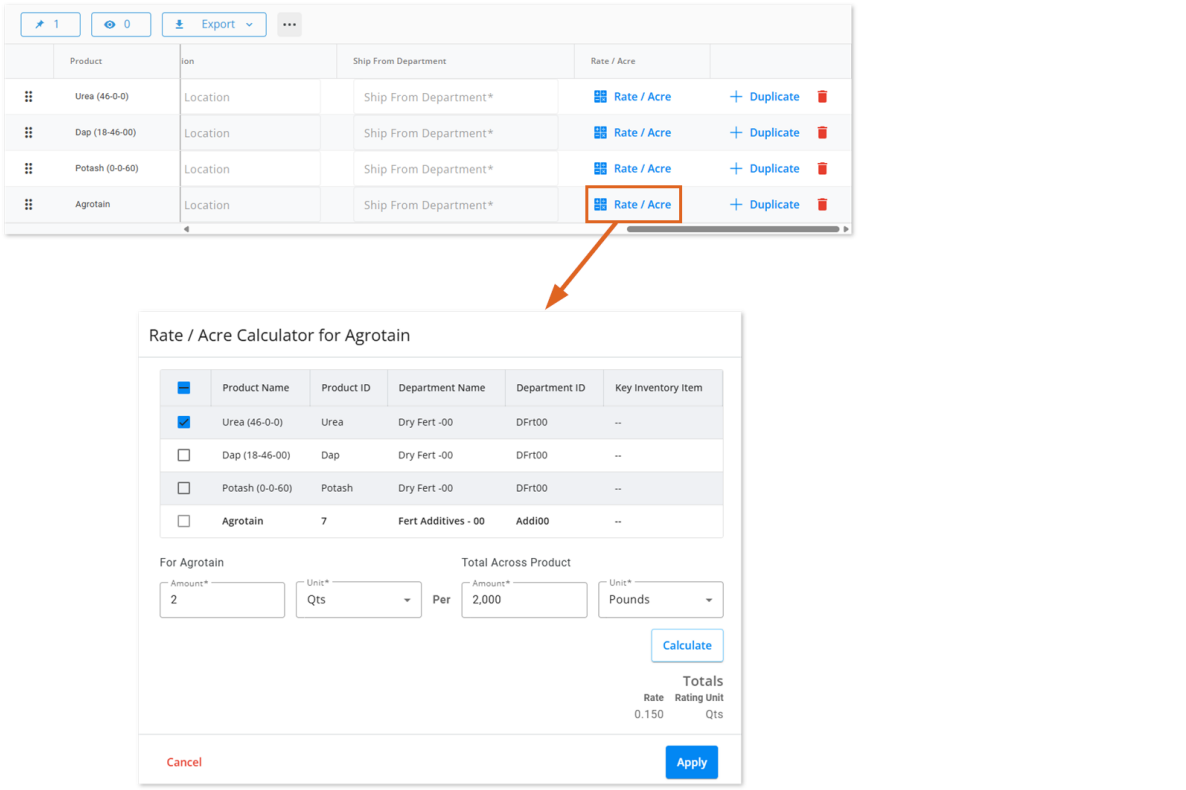
Product Grid



1. Choosing **Set Ship From Location for All** above the grid opens a new window to choose a Location that will be applied to all Products in the grid. The *Ship From Location* can also be indicated on each Product line item. Choose **Remove All Locations** to remove the *Ship From Location* from all Products.



2. Once a *Ship From Location* is selected, the *Ship From Department* drop-down becomes available.
3. Under the *Calculate By* column, choose *Rate/Unit*, *Total Product*, or *Blended*.
4. Enter the *Calculate By Amount* for each Product then select **Recalculate**.
5. The *Exclude from Mix File* option can be selected for products that should not be sent to the automated blender. If the *VRT* checkbox was selected in the *Order Details* section, the *Mix Group* can be edited to indicate what should and should not be blended together.
6. If applicable, a *Lot Number* can be selected from the drop-down.
   Note: Only existing Lot Numbers can be selected.
7. The **Rate/Acre** Calculator calculates certain Products per ton or per 100 gallons when creating a Blend Ticket by the acre. This tool calculates Product amounts to use in dry fertilizer and chemical blends such as Agrotain, Nutrisphere, and surfactants.

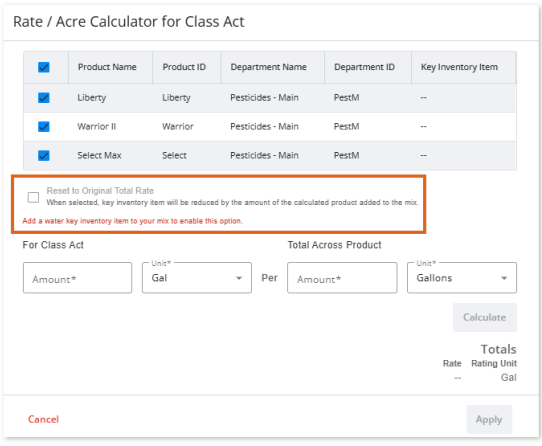


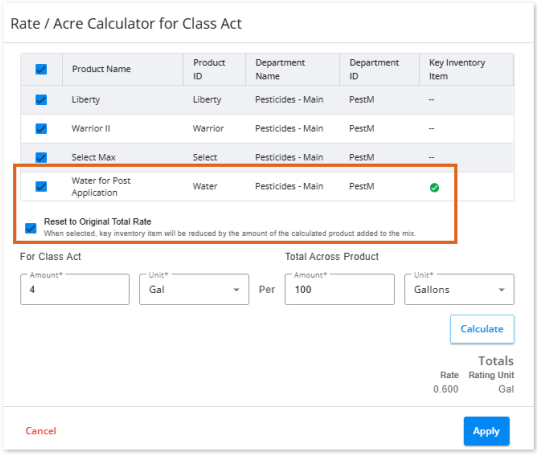
a. Choose **Rate/Acre** for the Product needing the rate calculated.

b. Indicate which Products should contribute to the total. Enter the *Amounts* and *Units*, then choose **Calculate**. This will calculate the rate for the Product(s) selected.

c. Select **Apply** to apply the rate to the Blend Ticket.

Note: If the Product Set is anything other than dry or feed, a *Reset to Original Total Rate* option is available to reduce the Key Inventory Item by the amount of the calculated product to the mix. If Water has not been added to the mix, this option is disabled and a message displays beneath this option stating *Add a water key inventory item to your mix to enable this option.*

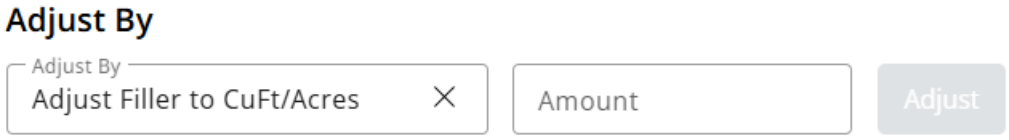




8. To add another line of the same Product, choose **+ Duplicate**.
9. The **Delete** icon can be selected to remove a Product line item.
10. Review the totals below the *Products* grid.

Density	Lbs/Acre	Total Lbs	CuFt/Acre	Total CuFt	% Water	% Clay
60.000	60.870	5,960.000	1.015	99.450	0.000	0.000

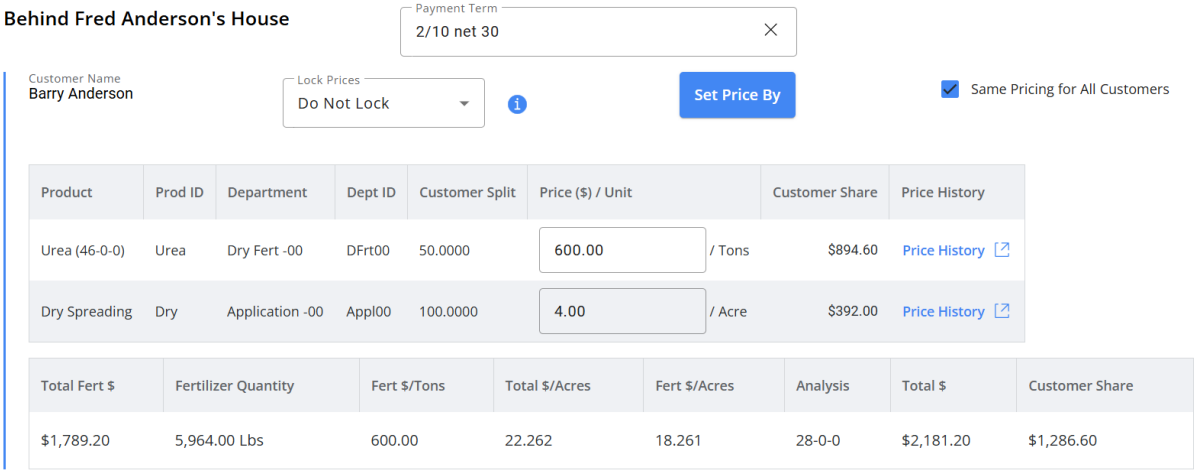
11. To recalculate the Blend accommodating for water, filler, or carriers, choose an *Adjust By* option which is based on the Product Set selected for the Blend. Enter the *Amount* then select **Adjust** to update the Blend. Use the *Carrier* checkbox in the grid to identify which Product is the carrier.



Pricing

Single Field

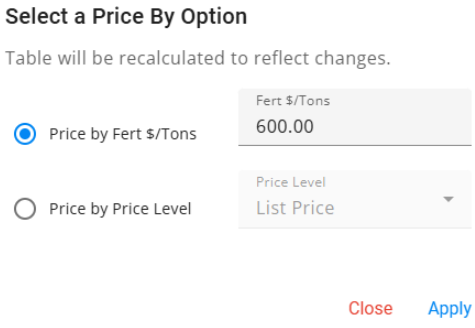
1. A *Payment Term* can be selected for the Field from the drop-down and will flow through to the Invoice. Payment Terms must first be set up in Agvance Windows.



2. For each Customer, choose the *Lock Prices* option (*Quoted*, *Analysis Quoted*, *Do Not Lock*).

   Note: Quoting a Blend will carry the pricing from the Blend to the Invoice.

3. Select **Set Price By** and choose to *Price by Fert $/Tons* or *Price by Price Level*. Depending on which option chosen, enter the *Fert$/Tons* or choose the *Price Level* from the drop-down, then select **Apply**.



4. Under *Price ($)/Unit*, select the price from the drop-down. Alternatively, enter a custom price then choose **+ Add**.

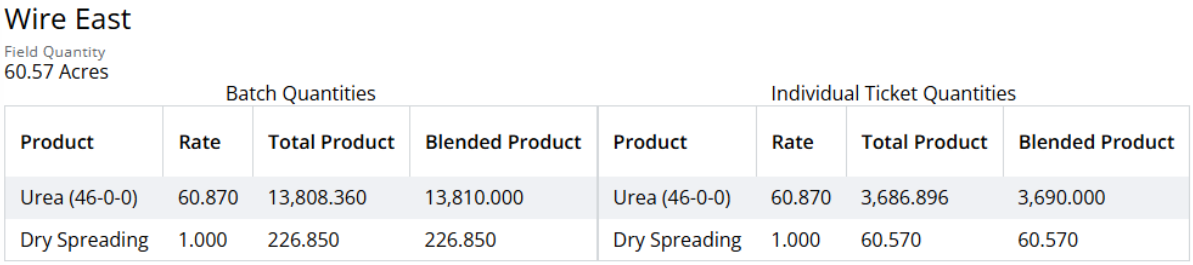
Those with access to Agvance SKY Customer can select **Price History** to open Agvance SKY Customer in a new tab and review the Product's previous *Costs* for that Customer.

Multiple Fields

1. A message is displayed in the Pricing section stating *Pricing for each field will be handled in the next step.* Choose **Save and Add Pricing**.

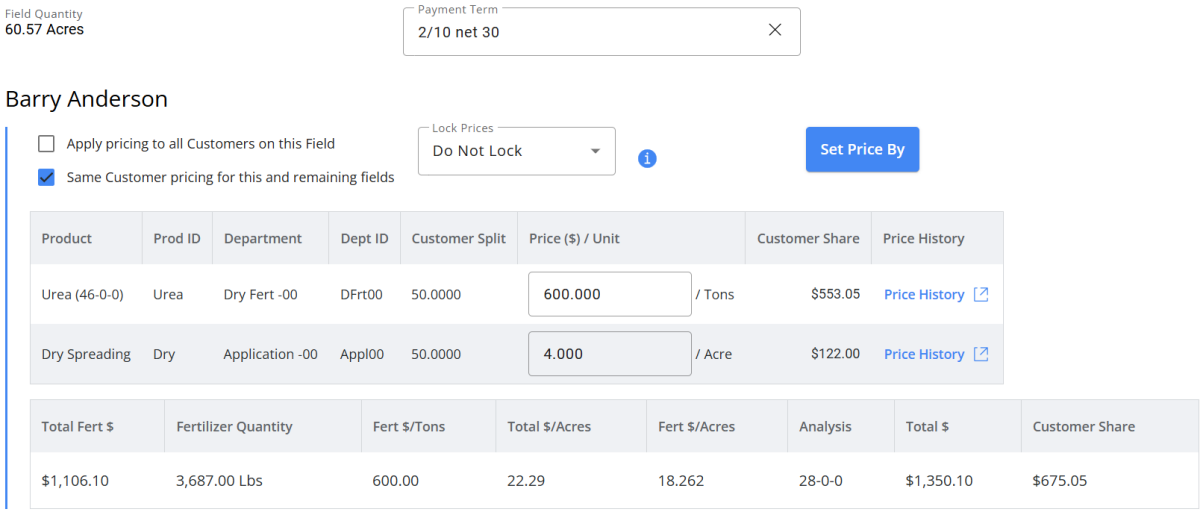


2. The first Field displays with *Batch* and *Individual Ticket Quantities* available for review.



Product	Rate	Total Product	Blended Product	Product	Rate	Total Product	Blended Product
Urea (46-0-0)	60.870	13,808.360	13,810.000	Urea (46-0-0)	60.870	3,686.896	3,690.000
Dry Spreading	1.000	226.850	226.850	Dry Spreading	1.000	60.570	60.570

3. The first Customer on the Field is listed below the *Batch* and *Individual Ticket Quantities*. Here, the *Fert$/Tons*, *Lock Prices*, and *Price ($)/Unit* can be indicated. If Permits or Tech Licenses are required on the order, they can be indicated at the bottom of the screen.



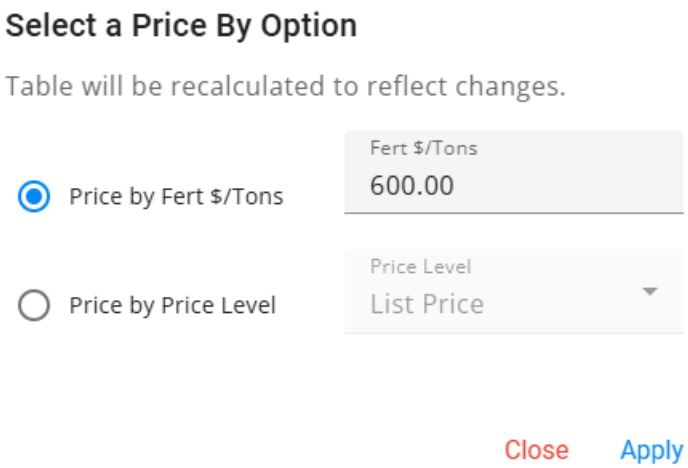
4. Optionally *Apply pricing to all Customers on this Field*. The *Same Customer pricing for this and remaining fields* option is available for all Customers on the Field. The *Same Customer pricing for this and remaining fields* option gives the ability to set pricing on a Customer and have that pricing carry through for that Customer for the

remaining tickets created within the batch. The *Apply pricing to all Customers on this Field* option applies the pricing set on the first Customer to all other Customers on that Field.

Note: The *Apply pricing to all Customers on this Field* and the *Same Customer pricing for this and remaining fields* options cannot be used at the same time.

5. A *Payment Term* can be selected for the Field from the drop-down and will flow through to the Invoice. Payment Terms must first be set up in Agvance Windows.
6. For each Customer, choose the *Lock Prices* option (*Quoted*, *Analysis Quoted*, *Do Not Lock*).

   Note: Quoting a Blend will carry the pricing from the Blend to the Invoice.
7. Select **Set Price By** and choose to Price by Fert $/Tons or Price by Price Level. Depending on which option chosen, enter the *Fert$/Tons* or choose the *Price Level* from the drop-down, then select **Apply**.



8. Under *Price ($)/Unit*, select the price from the drop-down. Alternatively, enter a custom price then choose **+ Add**.
9. Choosing **Cancel Remaining** cancels the transaction completely and returns to the *Blends* page. Move to the next Field without editing pricing by selecting **Do Not Save Order for this Field**. No Blend is saved for that Field. To save pricing here and move to the next Field, choose **Save & Next Field**. This saves the Blend for that Field.

   Note: Separate Blends are saved per Field rather than having a multi-Field Blend.

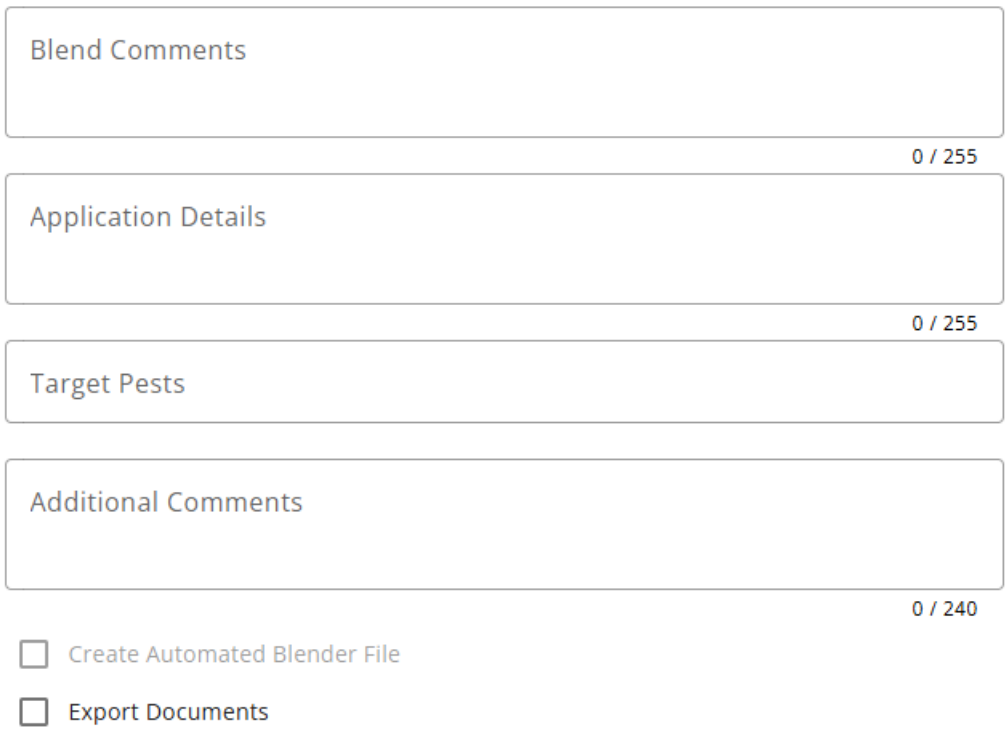


10. On the last Field, **Save & Next Field** changes to **Save & Close**. This saves pricing on the current Field and finalizes the Blend with pricing saved on previous Fields in the Order. If **Do Not Save Order for this Field** is selected on the last Field, pricing is saved on previous Fields where **Save & Next Field** was selected, and the last Field is not included in the Blend.

Notes & Additional Info

Notes

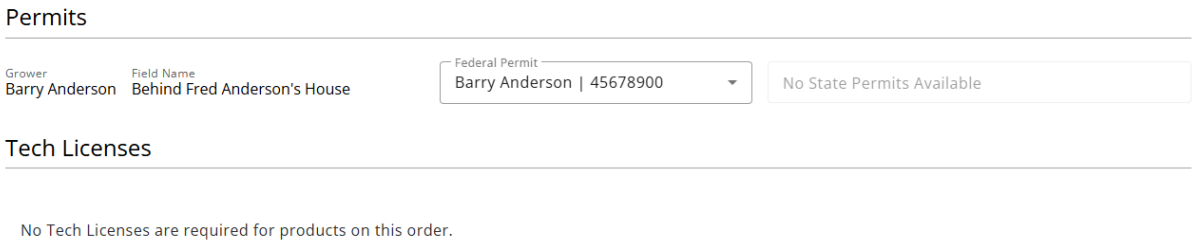
1. Enter any *Blend* or *Additional Comments*.



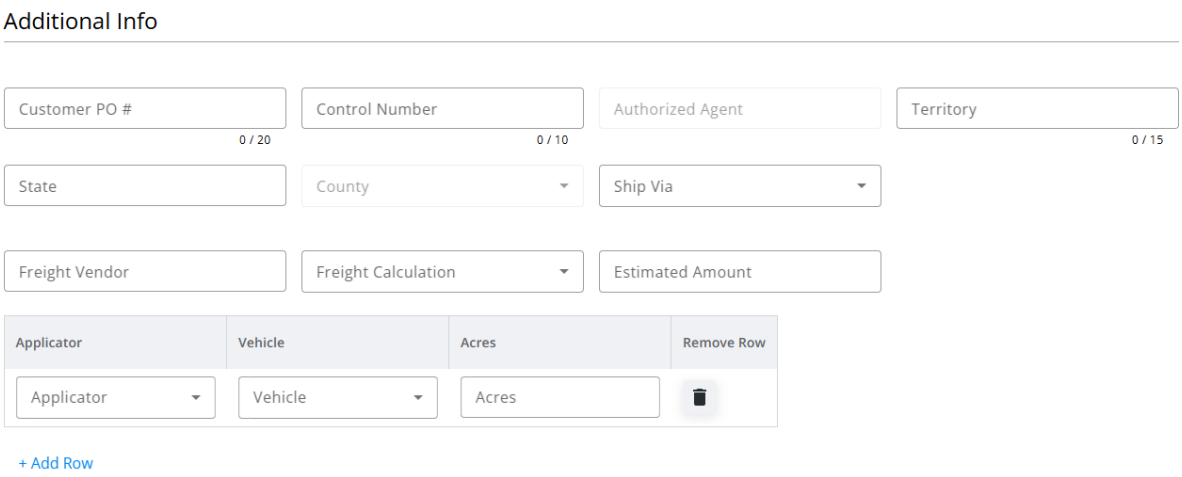
2. *Target Pests* can be selected from the drop-down.
3. Check *Create Automated Blender File* if needed.
4. Choosing *Export Documents* gives the ability to export *Blend Ticket(s)*, *Consolidated Blend Ticket(s)*, *Custom App Sheet(s)*, and *HazMat Sheet(s)* upon saving.
5. The Blend can be saved by selecting **Create Order**. However, Permits and Tech Licenses can be added on the *Additional Info* tab. Depending on the Products added to the Blend, a Permit or Tech License may be required before saving.

Additional Info

1. If only one applicable permit exists, it will be automatically selected. If the Customer has more than one applicable permit, select the appropriate one from the drop-down.



2. Under *Additional Info*, the following fields are available.

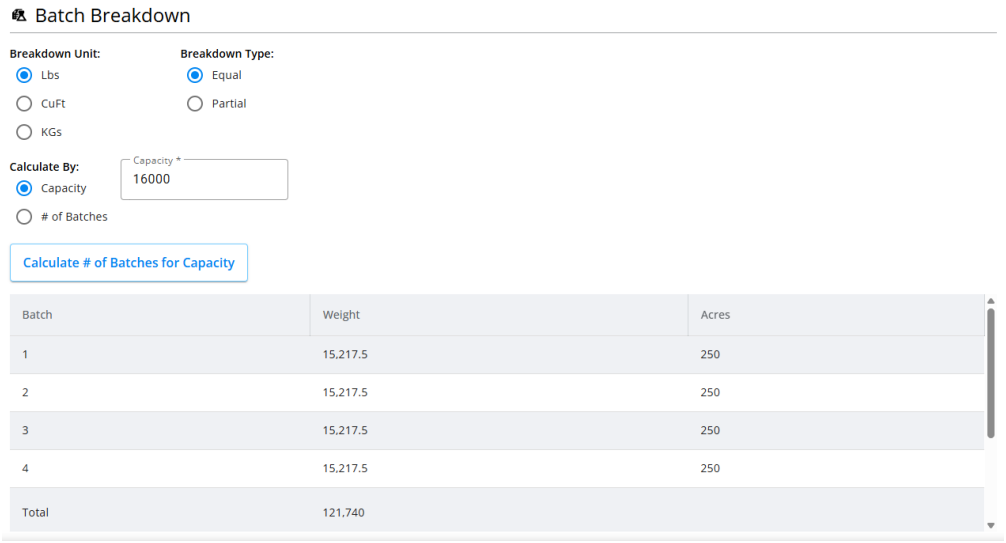


- **Customer PO #** – This information can be entered if the Customer provides a Purchase Order number for the order.
- **Control Number** – This number is used to reference an internal control number (such as hand ticket numbers) associated with the sale.
- **Authorized Agent** – This person is associated with the Customer who is authorized to make decisions. Agents are set up in the Customer file under **Contacts**.
- **Territory** – This defaults from the Customer setup and is optional information to be used as needed.
- **State** – This determines which counties are populated in the *County* drop-down.
- **County** – This defaults from the *Ship To* address. If none are set up, it defaults from the Field, and then from the Customer's setup. If there is more than one Customer on the ticket, it defaults to the settings for the first person listed.
- **Ship Via** – Enter the method of shipment. The methods are defined at *Hub / Setup / Ship Via*. If a Ship Via is selected and the Blend Ticket is imported into an Invoice in the Agvance Windows Accounting module, the information displays on the Invoice's *Additional Info* tab.
- **Freight Vendor** – Select the *Freight Vendor* from the drop-down if applicable.
- **Freight Calculation** – Indicate if the freight amount is *Estimated $/Unit* or *Estimated Total$*.
- **Estimated Amount** – Enter the *Estimated Amount* for freight.

3. In the *Applicator* grid, *Applicators/Vehicles/Acres* can be entered. Choose the **Delete** icon to remove the Applicator or **+ Add Row** to include additional *Applicators/Vehicles*.
    - **Applicator** – Applicators are set up at *Hub / Setup / Applicators*. The Applicator also imports into the Invoice in Agvance Windows Accounting.
    - **Vehicle** – Vehicles are set up at *Hub / Setup / Vehicles* and also import into the Invoice in Agvance Windows Accounting.
    - **Acres** – Enter the number of Acres for each Applicator involved.

Batch Breakdown

1. Indicate the *Breakdown Unit*, *Breakdown Type*, and *Calculate By*.



   - **Breakdown Unit** – This indicates the blender capacity unit. It does NOT change the Blending Units in which the materials are mixed. It only applies to the capacity of the blender and determines the number of batches needed to mix the job. This defaults from the Product Set used to make the blend. If gallons are chosen, the batch breakdown is done in gallons. Likewise, if the capacity is entered in pounds or kilograms, the batch breakdown is in pounds or kilograms respectively.
   - **Breakdown Type** – Indicate if the batches are to be calculated in equally sized loads or all full loads except the last one, which might be smaller. This setting defaults from the Product Set.
   - **Calculate By** – Indicate if calculating by *Capacity* or *# of Batches*, then enter the appropriate amount.
     - **Capacity** – This number defaults from the blender capacity entered at *Setup / Product Sets*. It has a direct effect on the number of batches calculated. Either of these numbers may be changed and the other recalculated by choosing the appropriate option. The effect displays in the batch breakdown box to the right.
     - **# of batches** – This number is calculated by dividing the total product on this ticket by the blender capacity. Either of these numbers may be changed and the other recalculated by selecting the appropriate option. The effect is displayed in the batch breakdown box to the right.

       Note: Only those items with a unit weight greater than zero affect the batching of tickets.
2. Choose **Calculate # of Batches for Capacity**, then review the *Weight* and *Acres* for each *Batch*.

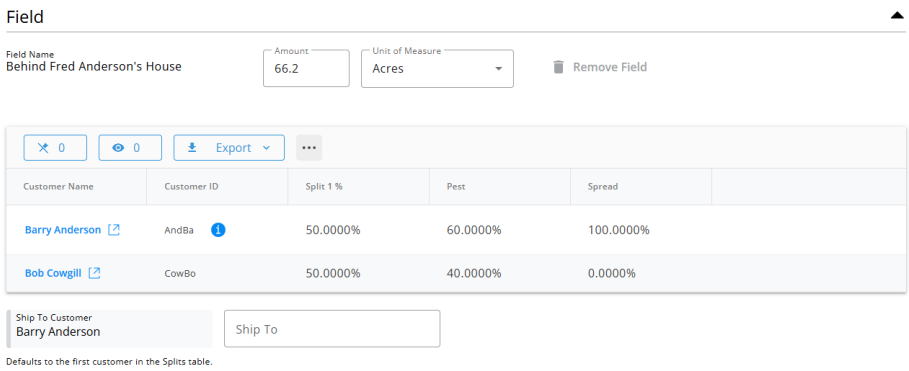
Edit a Blend

To edit a Blend, select find the *Edit* column and choose **Edit** for that Blend. Only unprocessed (not invoiced), not loaded Blends can be edited.

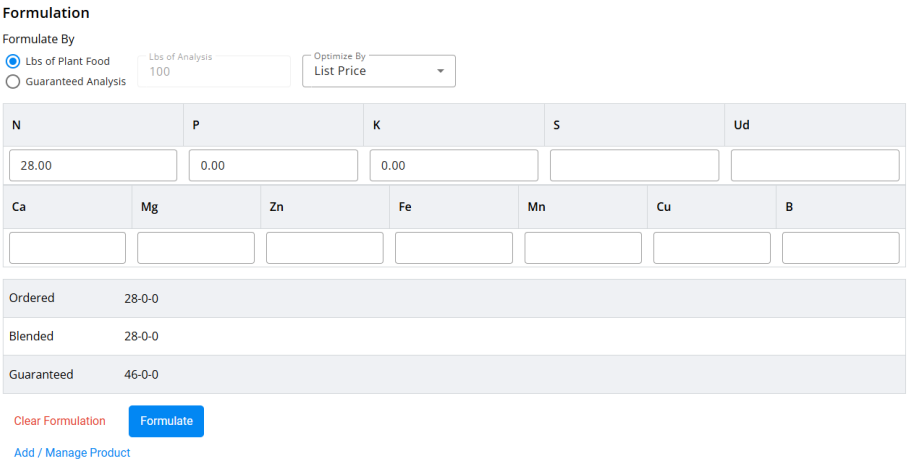
Note: The Location cannot be edited.

1. Under the *Field* section, the Field selected cannot be changed, but the *Area* and *Unit of Measure* can be edited

and a *Ship To* can be added.



2. Under *Order Details*, the following are available for editing:
    - Blend Name
    - Salesperson
    - Billing Comments
    - Crop
    - Crop Chemistry
    - Placement
    - Product Set
    - Price By
    - Requested Date
    - Priority
    - Custom Applied
    - VRT
    - Ready (for Dispatch)
3. In the *Products* section, add/remove Products manually or via formulation and reorder the Products as needed.



The following are available for editing in this section:

- Formulate By

- Lbs of Analysis
  (if *Guaranteed Analysis* is selected)
- All quantities
- Pricing
- Carrier
- Exclude from Mix File
- Lot Number
- Ship From Location
- Ship From Department (if Ship From Location is selected)
- Adjust by

4. In the *Pricing* area, the following can be edited:
   - Fert $/Tons
   - Lock Prices
   - Price ($)/Unit
5. In the *Notes* section, *Blend Comments*, *Application Details*, *Target Pests*, and *Additional Comments* can be added. Additionally, the *Create Automated Blender File* checkbox can be selected.
6. On the *Additional Info* tab, Permits and/or Tech Licenses can be applied.
7. Once all edits are complete, select **Save Order**.