

Exporting form-U-net Formulations to Agvance

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Formulations created in form-U-net may be exported to Agvance Blending after setup is complete.

Setup

Agvance API Setup

The first step is the Agvance API setup found in form-U-net on the *Settings / Agvance API* tab.

- **Agvance API URL** – Enter *https://agvwebapi.agvance.net/AgvWebAPI/* in the textbox.
- **Database Version** - reflects the version of Agvance to which the formulations from form-U-net will be exported. For example, if the Agvance version was 5.2.630, the format should be entered as v52630.
Note: To find the current version of Agvance, navigate to *Hub / Help / About*. For this interface functionality, the Agvance version must be 5.2.630 or newer.
- **Database ID** – Call SSI Support to request this ID.
- **Agvance Username** – The user name for logging into Agvance.
- **Agvance Password** – The password for the Agvance user login.
- **Test API Settings** – Tests for a viable connection to the Agvance dataset. A message in the top right of the window indicates success or failure.
- **Clear API Settings** – Clears the data from the API data fields.
- **Save API Settings** – Saves the data from the API data fields.

Material System to Agvance Product Set Mapping

Setup the Material System information in form-U-net on the *Settings / Agvance API* tab.

- Select the Agvance product set that best matches the form-U-net Material Group.
- **Reset Mappings** – This clears the selected product sets back to none.
- **Save Mappings** – This saves the selected product sets.

User Settings

Preferences
Profile
Utilities
Agvance API

Agvance API Setup:

Agvance API Url:
 Database Version: Database ID:
 Agvance Username: Agvance Password:

Material System to Agvance Product Set Mapping:

Dry Mixing - Product Set:	<input type="text" value="Basic Dry"/>
Suspension - Product Set:	<input type="text" value="Suspension"/>
Sol. No Poly UAN - Product Set:	<input type="text" value="None"/>
Sol. 55% Poly UAN - Product Set:	<input type="text" value="Basic Liquid"/>
Sol. No Poly Urea - Product Set:	<input type="text" value="None"/>
Sol. 55% Poly Urea - Product Set:	<input type="text" value="None"/>
Sol. 70% Poly UAN - Product Set:	<input type="text" value="None"/>
Fluid Mixing - Product Set:	<input type="text" value="None"/>

Item Setup

Items in form-U-net need to be linked to their corresponding product in Agvance. Edit each item to be linked and select the *Agvance API Info* tab. Choose the **Search for Item** button, and select the corresponding Agvance product. Be sure to select the product from the correct location and inventory department.

In the example below, the 10-34-0 item is being edited, and the *Agvance Product GUID* is displayed. This unique identifier is essential for cross referencing products between the two programs.

Note: All items in the Material Groups being used for exported formulations must be linked.

Edit

Item Code*

Mix Name* Account Number

Description

General Info
Grade Info
Technical Info
Agvance API Info

Agvance API Product Mapping

Clicking "Search For Item" will display available Agvance items to select for mapping. Clicking "Clear Mapping" will clear the mapping setup.

Agvance Product GUID:

Location: DeptID: ProdID:

Agvance Product Name:

Agvance Alternate Product ID:

Exporting a Formulation

When a customer is selected for a formulation, the **Save Formulation** and **Save & Export Formulation** buttons are enabled.

Reset Formulation
Formulation Settings ▾
Saved Formulations ▾
Customer Settings ▾
Print ▾

Submit Request

Save Formulation

Save Current Formulation

Export Saved Formulation to Agvance

To export the formulation into an Agvance Blend Ticket, choose the **Save & Export Formulation** button. The *Export Saved Formulation* window displays. Select the *Location ID*, *Product Set*, *Customer ID*, *Field ID*, and address, and then choose the **Export** button.

Export Saved Formulation

Please verify the parameters for exporting this Saved Formulation into an Agvance Blend Ticket.

Agvance Blend Ticket Setup:

Location ID*: Location Name:

Product Set*:

Agvance Customer Setup:

Customer ID*: Name:

Field ID*: Description:

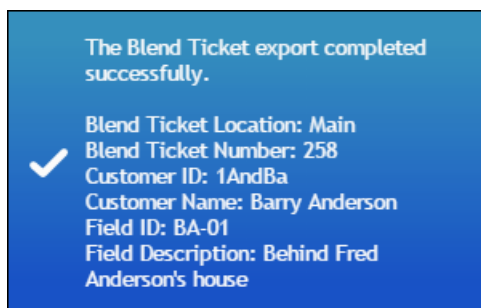
Shipping Address (Optional):

Address Line 1:

Address Line 2: Address Line 3:

City: State: Zip:

A message at the top right of the window indicates the success of the export if all of the required information is present.



To export a formulation previously created and saved in form-U-net, choose the *Saved Formulations / Export Saved Formulation to Agvance* option. On the *Select a Saved Formulation* window, use the **Select** button to choose the desired formulation to export.

Select a Saved Formulation								
	ID	Date	Export Info	Mat...	Formul...	Numbe...	Mail...	Mailing C
Select	00041	02/15/2016	View Export Info	MYSOL	Acre Mode	20 Acres	BA	Berry An
Select	00042	02/15/2016	Not Exported	MYSOL	Acre Mode	20 Acres	BA	Berry An
Select	00043	02/15/2016	Not Exported	MYSOL	Acre Mode	8.255 Acres	1AndBa	Berry An
Select	00044	02/15/2016	Not Exported	MYSOL	Acre Mode	20 Acres	1AndBa	Berry An
Select	00045	02/15/2016	View Export Info	MYBLEND	Itemize in A...	1 Acres	1AndBa	Berry An
Select	00046	02/15/2016	Not Exported	MYBLEND	Itemize in G...	800000000 ...	1AndBa	Berry An
Select	00047	02/15/2016	View Export Info	MYBLEND	Itemize in G...	1200000000...	1AndBa	Berry An
Select	00048	02/15/2016	Not Exported	MYBLEND	Itemize in G...	800000000 ...	1AndBa	Berry An
Select	00049	02/17/2016	View Export Info	MYBLEND	Acre Mode	20 Acres	1AndBa	Berry An
Select	00050	02/19/2016	View Export Info	MYBLEND	Acre Mode	20 Acres	1AndBa	Berry An

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To view the details of a previously exported saved formulation, select the **View Export Info** button. If a formulation has not yet been exported to Agvance, the button is disabled.

Additional Notes

- The *Formulate By* selection on the Agvance Blend Ticket is determined by whether the form-U-net formulation is set to *Acre*, *Grade*, or *Itemize Mode*.
- If the formulation is set to *Acre Mode* or to *Itemize in Acres*, the Agvance Blend Ticket defaults to *Lbs of Plant Food*.
- If the formulation is set to *Grade Mode* or *Itemize in Tons*, the Agvance Blend Ticket defaults to *Guaranteed Analysis*.
- If comments are added in the *Formulation Information* section in form-U-net, these will transfer into the *Blend Comments* section on the *Blend* tab of the Agvance Blend Ticket.
- The pricing information setup on items in form-U-net is reflected on the Agvance Blend Ticket. However, the cost information needs updated in both Agvance and form-U-net, so margin information is consistently reflected in both programs. If the cost information has not been updated in form-U-net from Agvance, results for formulations could differ between programs as both use least cost formulation.