Exporting form-U-net Formulations to Agvance

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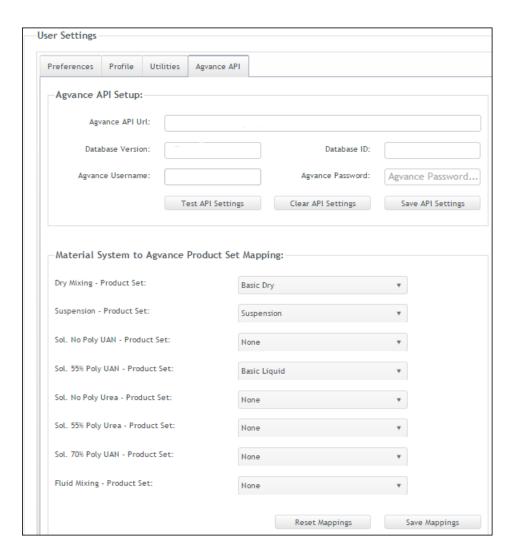
Setup

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: | Agvance Password...

Test API Settings | Clear API Settings | Save API Settings

Material System to Agvance Product Set Mapping:

Dry Mixing - Product Set: | Basic Dry ▼

Suspension - Product Set: | Suspension ▼

Sol. No Poly UAN - Product Set: | None ▼

Sol. 55% Poly UAN - Product Set: | Basic Liquid ▼

Sol. No Poly Urea - Product Set: | None ▼

Sol. 55% Poly Urea - Product Set: | None ▼

Sol. 70% Poly UAN - Product Set: | None ▼

Fluid Mixing - Product Set: | None ▼

Reset Mappings | Save Mappings

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.

Exporting a Formulation

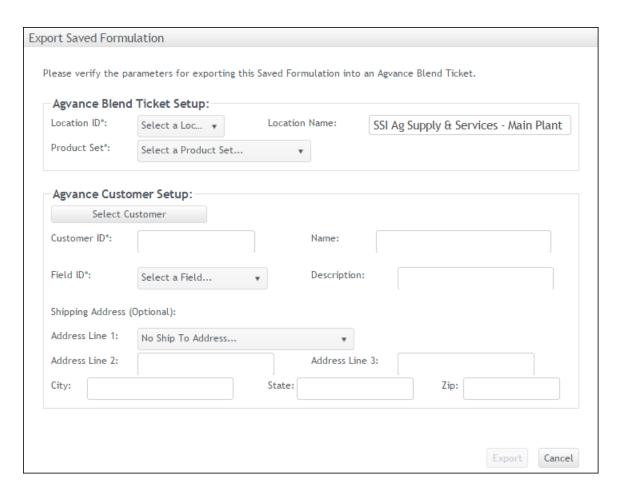When a customer is selected for a formulation, the **Save Formulation** and **Save & Export Formulation** buttons are enabled.
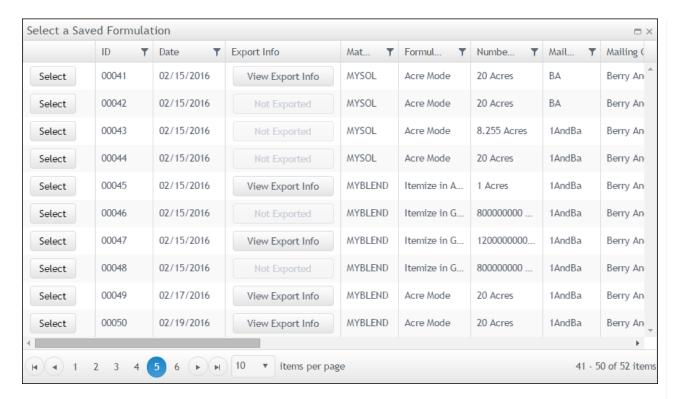

To export the formulation into an Agvance Blend Ticket, choose the **Save & Export Formulation** button. The *Export Saved Formulation* window displays. Select the *Location ID*, *Product Set*, *Customer ID*, *Field ID*, and address, and then choose the **Export** button.

Export Saved Formulation

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

Agvance Blend Ticket Setup:

Location ID*:	Select a Loc... ▼	Location Name: SSI Ag Supply & Services - Main Plant
Product Set*:	Select a Product Set... ▼	

Agvance Customer Setup:

Select Customer

Customer ID*:		Name:
Field ID*:	Select a Field... ▼	Description:

Shipping Address (Optional):

Address Line 1:	No Ship To Address... ▼	
Address Line 2:		Address Line 3:
City:	State:	Zip:

Export   Cancel

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

The Blend Ticket export completed successfully.

✔ Blend Ticket Location: Main
Blend Ticket Number: 258
Customer ID: 1AndBa
Customer Name: Barry Anderson
Field ID: BA-01
Field Description: Behind Fred Anderson's house

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.

	ID	Date	Export Info	Mat...	Formul...	Numbe...	Mail...	Mailing (
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

Select a Saved Formulation

|◀ ◀ 1 2 3 4 **5** 6 ▶ ▶| 10 ▼ items per page   41 - 50 of 52 items

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.