

Displaying DriftWatch Data on Maps

Last Modified on 01/10/2023 1:52 pm CST

Q. How can DriftWatch data be displayed on maps in Agvance?

A. A DriftWatch API Token must be obtained from DriftWatch to link this data to an Agvance database.

There are several areas that DriftWatch data may be displayed and/or printed in Agvance.

After a DriftWatch API Token is obtained, setup in Agvance can begin.

Contact Information for DriftWatch

Legal Address:

FieldWatch, Inc.
Purdue Research Park
1281 Win Hentschel Blvd.
West Lafayette, IN 47906

Mailing/Billing Address:

FieldWatch, Inc.
90 East Cedar Street
Zionsville, IN 46077
Attn: Customer Service

Email your inquiry to info@fieldwatch.com.

Visit their website at <http://www.fieldwatch.com/contact-us.html>.

Setup for DriftWatch Data to Be Displayed outside of Agvance Mapping

A DriftWatch API Token must be entered in the *DriftWatch API Key* textbox at *Hub / Setup / Company Preferences / API / DriftWatch*.

In the grid, choose the columns from DriftWatch to include on the bottom of the Full Page map.

In the *Order* column, select the desired order for the columns to print.

Note: This must be consecutive numeric values beginning at 1 with no duplicates. If duplicates or zeros are entered, a standard default column setting will be used on the Full Page map.

Preferences

General Field Customer Product Farm Grain Scale Interface **API**

DriftWatch

DriftWatch API Key

DriftWatch Columns to Include on Full Page Map

	Include	Order	Column
1	<input checked="" type="checkbox"/>	0	ID
2	<input type="checkbox"/>	0	Display Name
3	<input type="checkbox"/>	0	State Code
4	<input checked="" type="checkbox"/>	1	Crop
5	<input type="checkbox"/>	0	Growing Condition Name
6	<input checked="" type="checkbox"/>	3	Area Acres
7	<input type="checkbox"/>	0	Latitude
8	<input type="checkbox"/>	0	Longitude
9	<input type="checkbox"/>	0	Approval Date
10	<input checked="" type="checkbox"/>	2	Crop Year
11	<input checked="" type="checkbox"/>	7	Public Notes
12	<input checked="" type="checkbox"/>	4	First Name
13	<input checked="" type="checkbox"/>	5	Last Name

AGIS Setup KwikTag Setup Print Save Cancel

After the DriftWatch API Token is entered, DriftWatch data will be available to print on Custom Application sheets from Blending or Dispatch. Additional setup is required to view DriftWatch information in the Mapping module.

Note: DriftWatch data is available on the *Individual* and *Combined* formats of the Custom Application sheets.

In *Blending / Print Blend Documents*, select the *DriftWatch* option in the *Individual Custom App. Options* grid to include DriftWatch data. The number in the *DriftWatch Ft From Center* column represents how many feet from the center of the field boundary that DriftWatch data is desired. In the example below, DriftWatch data will be shown within 5,280 feet of the center of the field boundary.

Print Blend Documents Ticket (203)

Copies

Blend Ticket Options

☐ Print Blend Ticket PDFFACTORY 1

☐ Print Multi Field Recap 1

State Fertilizer Tag Options

☐ Print State Fertilizer Tag 1

☒ Print Blend Ticket Number

☒ Print ☐ Preview

Consolidated Page Options

☐ Print Consolidated Page PDFFACTORY 1

☒ Print \$/Acre ☐ Print \$/Ton ☒ Print Analysis Recap

Custom App. Options

☒ Print Custom App. PDFFACTORY 1

☒ Print Full Page Map

Format Individual

Combo Custom App. Options

Simple Combined

Click the Refresh button to show Map

☒ Image ☒ Roads ☐ Attachments ☐ Transparent

Show Labels

☐ Farm ☐ Field ☐ Item

Hide

☐ Surrounding Boundaries

☐ DriftWatch Ft From Center 5280

Refresh

Individual Custom App. Options

Item Labels	Crop Year	Crop Zone	Print Application Zones	DriftWatch	DriftWatch Ft From Center
<input type="checkbox"/>	2016		<input type="checkbox"/>	<input checked="" type="checkbox"/>	5280

Print Aerial Image ☐ Zoom Level 10 ☐ Print Signature Lat/Lon Format Decimal Degrees

☐ Print Haz Mat Sheet 1 ☐ Print One Hazmat per Batch

☐ Print SDS 1

☐ Print WPS 1

OK Cancel

Below is an example of the Custom Application sheet with a field surrounded by DriftWatch fields. The yellow boundary is the field on the ticket. The red dots with the letters and numbers denote what DriftWatch data is represented. Details for this information displays at the bottom of the Full Page map as shown in the second image.

SSI Ag Supply & Services - Main Plant

123 N. South Street

Shelbyville, IL 62565 / 217-774-2105

Pest Appl # 78295MN118 Pest Lic # 30038851

Bob Cowgill

1880 N 1400 E

Shelbyville, IL 62565

217-774-2981 / 217-774-2018

Custom Application 215

Not Loaded Custom Applied

CropChemistry:

Ordered Date: 03/30/2016

Time: 4:25 PM

Loaded Date:

Crop:

Acre: 40

Placement:

Ship Via:

Field ID: 1CowBo / 1FeedMx

Description: 1 Feed Mix

County/Township: Shelby/

Range/Section: /

Product	ActiveIngredient	EPARegistration#	Rate/Acre	Total
Total Blend Weight: 4000.000				
Dap (18-46-00)			50.000 Lbs	2000 Lbs
Potash (0-0-60)			50.000 Lbs	2000 Lbs



of Batches: 1 Plan: Zone: REt: hrs.
 Applicator: Unit:
 Salesperson: Greg Smith
 Comments:

Target Pest(s): _____

Grower Notification: _____ If Yes, Date: _____ Time: _____

Grower Contacted: _____

Date Applied: _____

Start Time: _____ Temp: _____ Wind Speed/Direction: _____ / _____

End Time: _____ Temp: _____ Wind Speed/Direction: _____ / _____

Humidity: _____ Application Speed/Direction: _____ / _____

Nozzle: _____ Spacing: _____ PSI: _____

Wind Meter? _____ If Yes, Brand: _____

Product Supplied By: _____

Previous Chem/Job: _____

Previous Grower: _____

Product Remaining? _____ If Yes, Explain: _____

Field Condition: Cloddy / Trashy / Mellow / _____

Soil Condition: Wet / Dry / Normal / _____

Soil Texture: Fine / Medium / Coarse / _____

Do crop rotation restrictions exist for pesticides applied? ____ Yes ____ No

Lat / Lon: _____

Lbs	N	P	K	S	HA	Ca	Mg	Zn	Fe	Mn	Cu	B
Blend.	9	23	30									
Analysis	9	23	30	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00

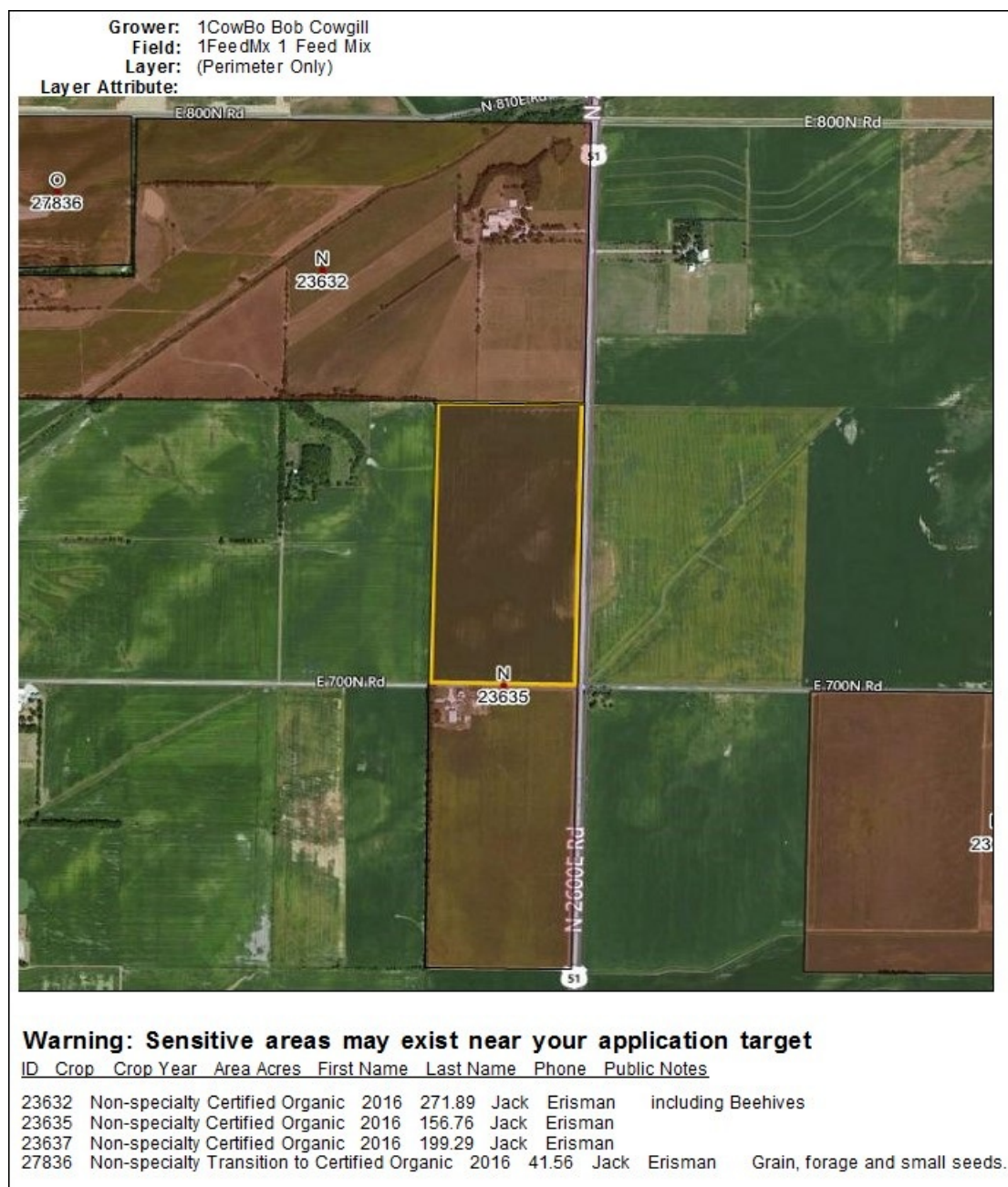
Lbs/Acre: 100 Lbs/Cu Ft: 63.61 Cu Ft/Acre: 1.572 Lbs/Batch: 4000 Acre/Batch: 40.000

Directions: _____

Actual Applied: _____

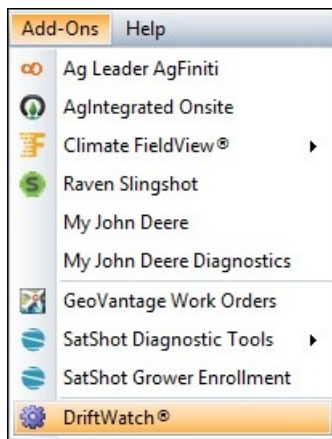
Applicator Signature / License # / Exp Date: _____ / _____ / _____

Received by: _____ Date: _____

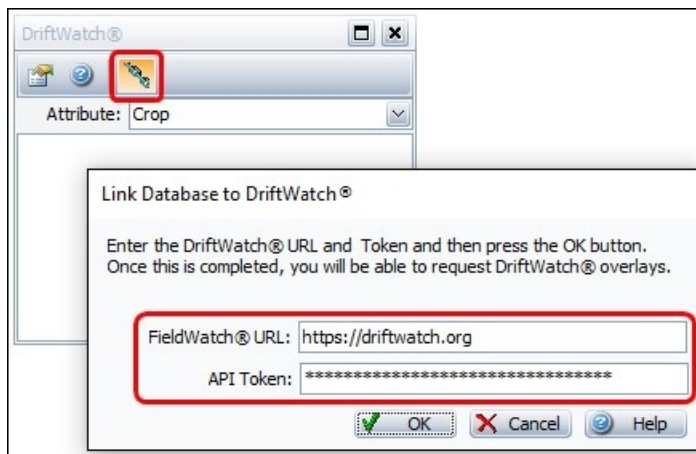


Setup for DriftWatch Data to Be Displayed in Agvance Mapping

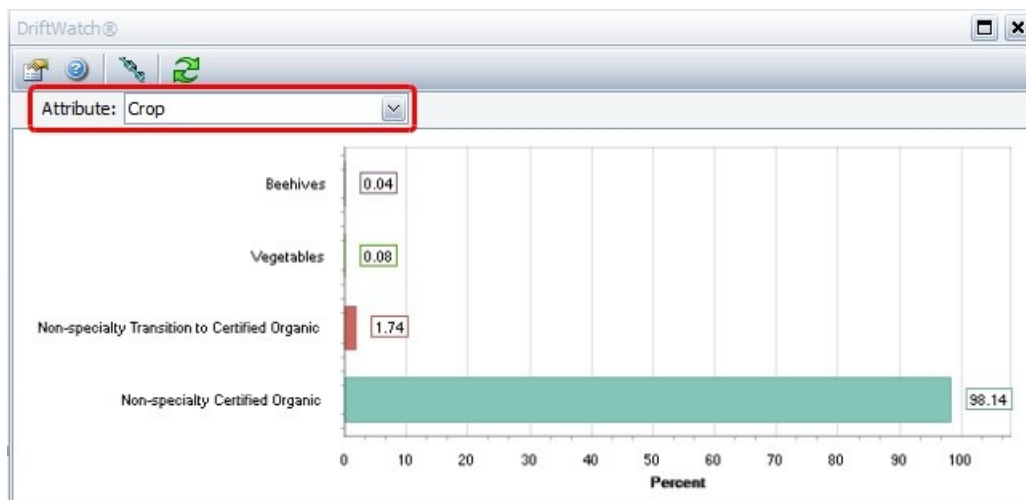
After the DriftWatch URL and API Token are obtained, they must be placed in Agvance Mapping by navigating to *Mapping / Add-Ons / DriftWatch*.



On the *DriftWatch* window, select the chain link button and enter the *FieldWatch URL* and *API Token*. Click **OK**. DriftWatch is then linked to Agvance Mapping.



After the Agvance Mapping setup is complete, DriftWatch data will be available to display in Agvance Mapping. When zoomed in to a field in Mapping, open the *Add-Ons* menu and select *DriftWatch*. On the *DriftWatch* window, choose the **Refresh** button (green arrows) to display the DriftWatch data. Options are available in the *Attribute* dropdown menu to view the available information provided by DriftWatch.



Below is an example of the Mapping window with DriftWatch data displayed. The yellow boundary is the field

selected in Mapping.

