



FieldWatch[®]

Communication. Cooperation. Collaboration.

Stewardship & Communication: A FieldWatch Overview





Mission

To develop and provide easy-to-use, reliable, accurate and secure on-line mapping tools intended to enhance communications that promote awareness and stewardship activities between producers of specialty crops, beekeepers and pesticide applicators.



FieldWatch is a non-profit company created to develop and operate the DriftWatch Specialty Crop Site & BeeCheck Apiary Registries. Formed in 2012 by Purdue University and interested agriculture stakeholder groups, we are funded by state departments of ag, corporate sponsors and our producer and applicator members.

DriftWatch and **BeeCheck** are FREE web-based mapping tools created to promote communication between beekeepers, producers of specialty crops and pesticide applicators in support of ongoing stewardship activities





Why FieldWatch?

- 🌱 Stewardship
- 🌱 Communication
- 🌱 Data / Knowledge
- 🌱 Voluntary
- 🌱 Free to Use – Easy to Access
- 🌱 Our Industry relies on Relationships with and Respect for our Neighbors
- 🌱 Freedom to Operate

Board of Directors

PRODUCERS:

Steve Smith – Red Gold (Chair)
Levi Huffman – Huffman & Hawbaker Farms
Dennis Dixon – Hartung Brothers
Brant Harrison – Kokopelli Produce

APPLICATORS:

Scott Schertz – Schertz Aerial Service
Mark Trostle – Crop Production Services (Secretary)
Matt Haines – Piatt County FS/GROWMARK
Jason Roth – Winfield United

MANUFACTURERS:

Mark Groth – Monsanto
Elisha Modisett Kemp – Dow AgroSciences
Dave Flakne – Syngenta (Treasurer)
Burleson Smith – BASF

AT-LARGE:

KJ Johnson – Illinois Fertilizer & Chemical Assn (Vice-Chair)
Tami Griffin – Aon Risk Solutions
Lori Bowman – Wisconsin Department of Agriculture
Neal Bergman – Delta Bee Company

EX-OFFICIO:

Karen Plaut/Bernie Engel – Purdue Department of Agriculture

FieldWatch Membership



- ✓ Member States
- ✓ Sponsors (Food/Ag Companies, Retailers)
- ✓ Trade Associations
- ✓ Applicators
- ✓ Producers
- ✓ Friends of FieldWatch

**Both Registries are
FREE to use!**



Sponsors

Aon Risk Solutions
BASF Corporation
Bayer Bee Care Center
Colorado Agriculture Aviation Assn.
Crop Production Services (CPS)
Dow AgroSciences LLC
Gowan
GROWMARK
Illinois Agricultural Aviation Assn
Illinois Farm Bureau
Illinois Fertilizer and Chemical Assoc.
Indiana Horticultural Society

MFA, Inc.
Michigan Farm Bureau
Midwest Food Processors
Minnesota Crop Production Retailers
Monsanto Company
Purdue University
Red Gold, Inc.
Schertz Aerial Service
Syngenta
Valent
Winfield
Wolf Consulting & Research, LLC
2-4, D Task Force

FieldWatch MISSOURI SPECIALTY CROP SITE REGISTRY

Home About FieldWatch Map Order Signs Resources Contact Us

Bob Walters
Registered FieldWatch Applicator
My Profile Alerts Log Out

EXPORT SITES IN MY AREA Go To My Location Search by Address, Zip Code, etc.

Applicator Map Settings

- Show sites in my area only

Growing Conditions


- All
- Conventionally Grown
- Organically Grown (in states permitted)
- Certified Organic

Crop Types ALL STATES MO

- All
- Beehives
- Berries
- Grapes
- Non-specialty Certified Organic
- Non-specialty Transition to Certified Organic
- Nursery Crops
- Orchard (Nuts, Fruit, Trees)
- Pumpkins or Melons
- Vegetables
- Other

FieldWatch[®]

Applicator View

 **Specialty Crop Area IN-11839**
Approximately 0.5 acres
Conventionally Grown
Approved 08/04/2015 Updated 08/04/2015 **Site expires from map after 12/31/2015**

BEEHIVES

Producer: Michael Gillen
Email: mgillen8@yahoo.com
Address: 108 academy st darlington IN 47940
Phone: 7652670788

Purpose: Hobbyist
Bee Type: Honeybee (or similar colony bee)
Location Type: Permanent for the Season

[Report a problem with this site](#) Close

driftwatch[™]

Specialty Crop Site Registry by FieldWatch

Specialty Crop Site Registry Producer View

driftwatch[™] INDIANA SPECIALTY CROP SITE REGISTRY

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Registered DriftWatch Producer
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SUBMIT NEW SITE Go To My Location Search by Address, Zip Code, etc.

- IA-12806 SUBMITTED 07/21/2015
- IA-12807 SUBMITTED 08/20/2015
- grapes change to hops APPROVED 8/15/2015
- Tomato test APPROVED 8/15/2015
- IN-12633 APPROVED 8/15/2015
- Illinois Bee Test APPROVED 12/16/2014
- NC-12656 APPROVED 02/16/2016
- NC fruit trees APPROVED 02/23/2016
- 4 test hives to be moved APPROVED 05/17/2016
- test fruits APPROVED

beecheck[™]

Apiary Registry by FieldWatch

Apiary Registry Beekeeper View

beecheck[™] INDIANA BEEHIVE REGISTRY

About BeeCheck Map Contact Us

Bob Walters
Registered Beekeeper
My Profile Log Out

ADD SITE Go To My Location Search by Address, Zip Code, etc.

My Sites

- bee check 1 SUBMITTED 08/04/2015
- bee check 1 SUBMITTED 06/04/2015
- bee check 1 SUBMITTED 06/04/2015
- bee check 1 SUBMITTED 06/04/2015
- IN-4015 SUBMITTED 06/04/2015
- IN-4916 SUBMITTED 06/04/2015
- 1972 test SUBMITTED 08/15/2015
- bee check 1 APPROVED 06/04/2015
- bee check 1 APPROVED 06/04/2015



Specialty Crop Site and Apiary Registry

Applicator View
State Example

FieldWatch ILLINOIS SPECIALTY CROP SITE REGISTRY
Home About FieldWatch Map Order Signs Resources Contact Us Dashboard Reports

Stephanie Regagnon
FieldWatch Administrator
My Profile Log Out

Go To My Location Search by Address, Zip Code, etc.

Growing Conditions
 All
 Conventionally Grown
 Organically Grown (in states permitted)
 Certified Organic

Crop Types ALL STATES IL

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FieldWatch ILLINOIS SPECIALTY CROP SITE REGISTRY
Home About FieldWatch Map Order Signs Resources Contact Us Dashboard Reports

Stephanie Regagnon
FieldWatch Administrator
My Profile Log Out

Go To My Location Search by Address, Zip Code, etc.

Growing Conditions
 All
 Conventionally Grown
 Organically Grown (in states permitted)
 Certified Organic

Crop Types ALL STATES IL

All
 Beehives
 Christmas Trees
 Floriculture or Greenhouse
 Fruits
 Grapes
 Greenhouse - High Tunnel
 Herbs
 Non-specialty Certified Organic
 Non-specialty Transition to Certified Organic
 Nursery Crops
 Pastures

Disclaimer Support

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Copyright © 2017 FieldWatch, Inc and Purdue Research Foundation



Specialty Crop Site and Apiary Registry

Contact Box

FieldWatch MISSOURI SPECIALTY CROP SITE REGISTRY
Communication, Cooperation, Collaboration. Home About Field

SUBMIT NEW SITE Go To My Location

Growing Conditions


- All
- Conventionally Grown
- Organically Grown (in states permitted)
- Certified Organic

Crop Types ALL STATES MO

- All
- Beehives
- Berries
- Grapes
- Non-specialty Certified Organic
- Non-specialty Transition to Certified Organic
- Nursery Crops
- Orchard (Nuts, Fruit, Trees)
- Pumpkins or Melons
- Vegetables
- Other

Satellite

Beehive MO-18111
Submitted 08/04/2016 Approved 08/04/2016
Updated 08/04/2016
Number of Hives for this submission: 10

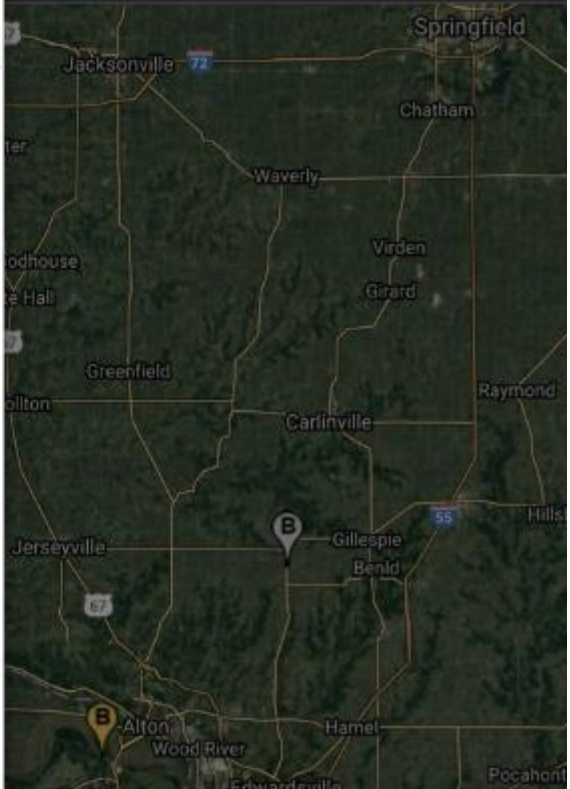
 BEEHIVES

Information

Producer: Jess Jacobs
Company: Spirit entrprises, llc
Email: jhjacobs@gmail.com
Address: 138 south old highway 61
Eolia MO 63344
Phone: [904-537-0498](tel:904-537-0498)

Purpose: Commercial Honey Producing Bees
Location Type: Permanent for the Season

My FieldWatch
Username Password
Search by Address, Zip Code, etc.



The screenshot shows the DriftWatch website interface. At the top, there is a logo for "driftwatch" with the tagline "Specialty Crop Site Registry by FieldWatch". To the right, it says "INDIANA SPECIALTY CROP SITE REGISTER" and has links for "About", "DriftWatch Map", and "Resource". Below the header, there is a navigation bar with a green button labeled "EXPORT SITES IN MY AREA" and a white button labeled "Go To My Location". The main content area is divided into two columns. The left column contains filter sections: "Growing Conditions" with checkboxes for "All", "Conventionally Grown", "Organically Grown (in states permitted)", and "Certified Organic"; and "Crop Types" with a dropdown menu set to "ALL STATES" and "IN", and a list of crop types including "All", "Beehives", "Christmas Trees", "Fish Farm", "Floriculture or Greenhouse", "Fruits", "Grapes", "Greenhouse - High Tunnel", "Hardwood Plantation", "Mint or Herbs", "Non-specialty Certified Organic", "Nursery Crops", "Pastures", "Pumpkins or Melons", "Tobacco", "Tomatoes", "Vegetables", and "Other". The right column shows a map of Iowa and Kansas with various cities labeled, including Fort Dodge, Des Moines, St. Joseph, Lavenworth, Kansas City, Overland Park, Olathe, and Sedalia. A blue arrow points from the "EXPORT SITES IN MY AREA" button to the "Growing Conditions" filter section.

Applicator Access – Three Ways

- 🌱 **Public Map (FREE)**
 - All crop sites
 - Most beehives
- 🌱 **Register on FieldWatch (FREE)**
 - All crop sites
 - All beehives
 - Email notifications of new sites
- 🌱 **Member data subscription**
 - All sites
 - Downloadable or live stream through software provider

Technology Partners

We are always looking for new partners!

SOFTWARE PROVIDER PARTNERS*

Esri ArcGIS

Soilmap

Crop Track

Ground Point Nine

SSI Agvance

Co-Alliance

MapShots AgStudio

Chem Man

Agrible

LICENSEE PARTNERS*

AgriData Inc.

AgriSmart Information Systems

AgSync, Inc.

Order #	Customer	Farm	Acres	Crop
0000003782	FELDTT, GENE & RAY	Hone Farm - North Jericho Road	55 ac	Corn
0000003799	ROACH, TOM		70 ac	Corn
0000003801	FELDTT, GENE & RAY	Honkes Farm	26.5 ac	Corn
0000003810	KLECKNER, LESTER & CAROL	Cardinal Farm	194.7 ac	Corn
0000003811	WHITE FARMS	Robert Probst Trust	63 ac	Corn
0000003812	WHITE FARMS	Robert Probst Trust	9 ac	Corn
0000003814	HAWKS, DENNIS & ANDREA	Thompson Farms	42 ac	Corn
0000003817	HAWKS, DENNIS & ANDREA	Hawks Farm	33 ac	Corn
0000003824	DRAKE FARM INC.	Gary's Home	18 ac	Corn
0000003826	SAUBER FARMS	Home Farm	45 ac	Corn
0000003827	SAUBER FARMS	Reines Farm	90 ac	Corn
0000003828	SAUBER FARMS	Reines Farm	41.3 ac	Corn
0000003829	YAGEN BROTHERS	Ehlers Road	118.6 ac	Corn
0000003831	JONES INC., T.	Johnson	161 ac	Corn
0000003832	UTPADEL, NORMAN	Henning Farm	135 ac	Corn
0000003852	DEHN, FARMS PARTNERSHIP	HONE FARM	16.4 ac	Corn
0000003853	DEUTSCH, MICHAEL	Anderson Farm	32 ac	Corn
0000003865	DEUTSCH, MICHAEL	Home	79.3 ac	Corn
0000003867	PITSTOCK, RICHARD AND HARRY LEE	Toronto Farm	270 ac	Corn
0000003869	PITSTOCK, RICHARD AND HARRY LEE	Walker Farm	8 ac	Corn

*A few companies have asked for privacy

General Guidance & Scope - I



1. FieldWatch registries (DriftWatch and BeeCheck) use location and contact information provided by specialty crop producers and beekeepers. The focus on specialty crops and beehives is intended to improve communication between specialty crop producers, beekeepers and applicators.

To strengthen this area of focus, we are *not* currently adding data or data layers at this time.

Note: We will give careful consideration to user requests to add new types of data layers that could enhance our scope and service.

2. Specialty crops include all commercial fruit and vegetable crops, grapes, nurseries, tobacco, herbs, greenhouses, orchards, tree crops and flowers that can be registered based on the verifiable field boundaries (or greenhouse) where they are grown.

FieldWatch does not include crops based on “pesticide sensitivity” since all crops can be pesticide sensitive. Specifically, we do not include commodity field crops such as field corn, soybeans, cotton, rice, hay (alfalfa), wheat or pasture unless they are certified organic. FieldWatch does not map different types of herbicide-tolerant, conventional or non-genetically modified crops.

FieldWatch does not include other types of pollinators or other types of bees other than honeybees.

General Guidance & Scope - 2



3. Bees are often an integral part of specialty crop production, as such, beehives can be mapped in DriftWatch or BeeCheck. Both FieldWatch tools include the mapping of beehive locations, which can be marked on the map as a specific site where the hives are located.

Beehive sites are marked as points with a 1/2 acre circle around the point, rather than foraging or pollinating areas. However, beehive sites can be marked on top of specialty crop fields that are drawn separately on the DriftWatch map.

Privately owned properties with verified boundaries that are actively managed by beekeepers for resting and foraging of beehives, may be drawn according to the field boundaries.

4. FieldWatch does not map livestock. However, “certified organic” pasture can be marked and effectively indicate the grazing area of organic livestock.

Commercial fish farm ponds also can be drawn given their stationary nature.

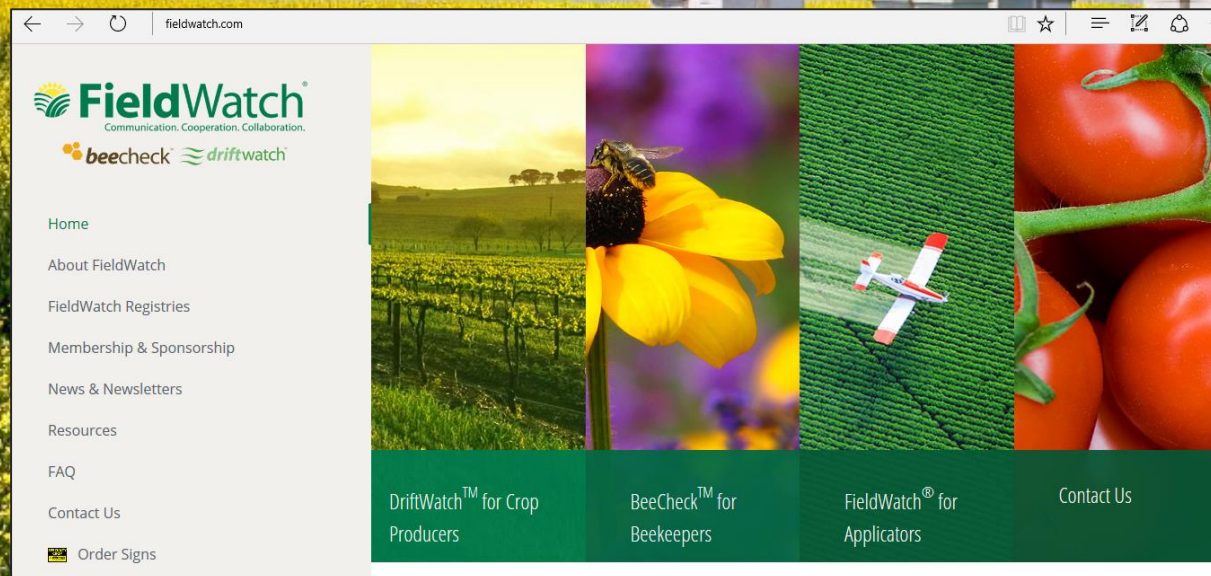
5. Only submissions from commercial producers are included in the DriftWatch map—not homeowners or gardeners. All mapped fields must be at least 1/2 half acre in size.

Submissions from commercial and hobby beekeepers are included in the BeeCheck map. Beehives are marked with a point and the number of hives can be submitted during the mapping process. Hobbyist beekeepers are not required to sell honey or pollination services to be able to use FieldWatch registries.

6. Where sites that fall outside of this scope already exist on the registry, these criteria will be applied the next time the site is reviewed by a data steward or during the annual renewal process.

How to Sign Up!

- ✓ **Go to FieldWatch.com**
- ✓ **Click on your industry segment**
 - Producer, Beekeeper or Applicator
- ✓ **Follow the very simple steps to create an account & submit**
 - For Producers & Beekeepers you will map your fields and/or hives
 - For Applicators you will set an alert area
- ✓ **State Data Steward has final approval (or feedback)**
- ✓ **Site is added to the map!**



Welcome to FieldWatch® 2017

Communication + Cooperation + Collaboration = Successful Co-existence

This site is a voluntary communication tool that enables crop producers, beekeepers, and pesticide applicators to work together to protect specialty crops and apiaries through use of mapping programs. It is not a substitute for any state regulatory requirements.

For more resources and information, please visit [FieldWatch, Inc.](#)



Access My Map

If you are a producer or an applicator and already have a FieldWatch, BeeCheck, or DriftWatch Account, log in here.

Login

Username:

Password:

Don't have a FieldWatch Account yet?



Map My Specialty Crops

[Click here to sign up as a commercial crop producer.](#)



Map My Apiaries

[Click here to sign up if you only keep bees.](#)



Applicator Registration

[Click here to sign up if you are a licensed applicator.](#)

Sign up for Free Site Alerts

Registered FieldWatch Applicators get automatic email notifications of new sites in selected areas. You can select to receive notifications statewide, county-by-county, or in specially designated regions of your choosing.

Notification Areas

- Entire State / Province
 - IL
 - IN
 - MI
 - MN
 - WI
- Select Counties
- Draw a custom region on the map

Notification Options

- Send me an email when sites are added or changed in my area

Save Changes

Click 'Save Changes' above to save your alert area.

You may also edit the shape below by dragging corners, or click 'Clear' to retry.

Clear Drawing



FieldWatch Resources

www.fieldwatch.com/resources

- FieldWatch FAQ
- User Guide: How to Register your Crops & Beehives in FieldWatch
- FieldWatch Scope & Guidelines
- NEW in 2018: VIDEOS!



Frequently Asked Questions: General

What is FieldWatch?

FieldWatch, Inc. is a non-profit company created to develop and expand the operation of the DriftWatch Specialty Crop Site and BeeCheck Apiary registries. To support the rapid growth of DriftWatch outside of Indiana, Purdue University collaborated with other agricultural stakeholder groups in the creation of a non-profit corporation called FieldWatch in December 2012. The new company has fully assumed the development and operational responsibilities of DriftWatch and BeeCheck as the stewardship tools expand nationwide.



Dear Beekeepers and Specialty Crop Producers:

Please find below a detailed "How To" for registering and entering site information for **first time users** of the FieldWatch online platforms (DriftWatch and BeeCheck). We hope you find the system to be user-friendly and a valuable communication and awareness tool.

To begin the registration process, please go to the FieldWatch (www.fieldwatch.com) and click on your industry segment (Producer or Beekeeper). In this document you will find detailed instructions from that point forward.

Thank you to Paul Ovrom from the Iowa Department of Agriculture and Land Stewardship for developing this guide. My contact information is provided on this page as well as at the end of this document. Please contact me if you have any questions. Thank you for participating in FieldWatch!

Sincerely,

Bob Walters



Promoting Awareness and Stewardship through Communication and Collaboration

FieldWatch® is a non-profit collaborative organization that depends on the generosity of its sponsors and members in order to develop and operate the DriftWatch™ Specialty Crop Site and BeeCheck™ Apiary registries. We accept membership applications from companies, organizations and individuals that want to support the continued innovation and implementation of our voluntary platform. As FieldWatch seeks to facilitate increased collaboration and communication between specialty crop producers, beekeepers and pesticide applicators, we appreciate the support of our sponsors and members.

Communication Tools

@FieldWatchInc

New and updated Communication Assets:

- ✓ FieldWatch Branded Collateral
- ✓ Newsletter – Expanded distribution list
- ✓ Banners and other tools for State Partners
- ✓ PowerPoints
- ✓ User Guides
- ✓ FAQ
- ✓ Social Media
- ✓ New Website
- ✓ How-To Videos coming in 2018!



An online mapping registry to promote communications between producers of specialty crops, beekeepers, and pesticide applicators in support of ongoing stewardship activities.

Learn more and sign up at: FieldWatch.com

Follow us: @FieldWatchInc





Field Signs Available

To further promote awareness and communication in the field at the site





FieldWatch[®]

Communication. Cooperation. Collaboration.

Thank you!

