

# FieldWatch Introduction

Vermont Agricultural Pesticide  
Applicator Meeting  
March 18, 2025



VERMONT  
BEE LAB

Sydney Miller  
Lead Research Technician



*The University of Vermont*



# Disclaimer!

Vermont is exploring the possibility of contracting with FieldWatch registries.

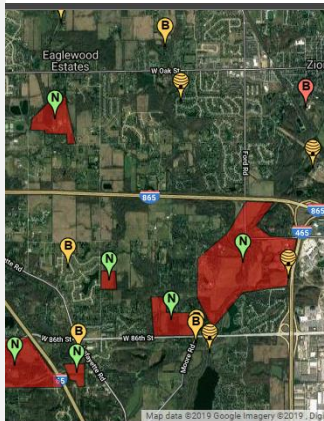
**However, FieldWatch is NOT currently available in Vermont!**

Fill out our survey to participate.

# WHAT IS FIELDWATCH?

Easy-to-use, accurate, and secure online mapping tools that enhance communication and promote awareness and stewardship activities between growers, beekeepers and pesticide applicators.

**NON-PROFIT | VOLUNTARY | FREE**



Growers and beekeepers map the locations of their fields, crops and hives in DriftWatch™ and BeeCheck™.



Pesticide applicators review FieldCheck® for locations mapped by growers and beekeepers before spraying to improve decision-making.



**FieldWatch** enables sustainability by reducing the impact from unintended pesticide drift on pollinators, non-target plants and people.

**FieldWatch®**

# VERMONT RULE FOR CONTROL OF PESTICIDES



**February 24<sup>th</sup>, 2023,**  
put into effect.



Includes Section 5.04  
**Protection of Bees.**



**Enforcement by the  
Vermont Agency of  
Agriculture, Food and  
Markets (VAAFM).**



Applies to **any  
individual using a  
pesticide** or person  
hiring to apply pesticide.

# Section 5.04

- 5.04 (a) and (b) – **communication**
- 5.04 (c) – **highly toxic: application conditions and buffers**
- 5.04 (d) – **fungicides and soil fumigants specification**



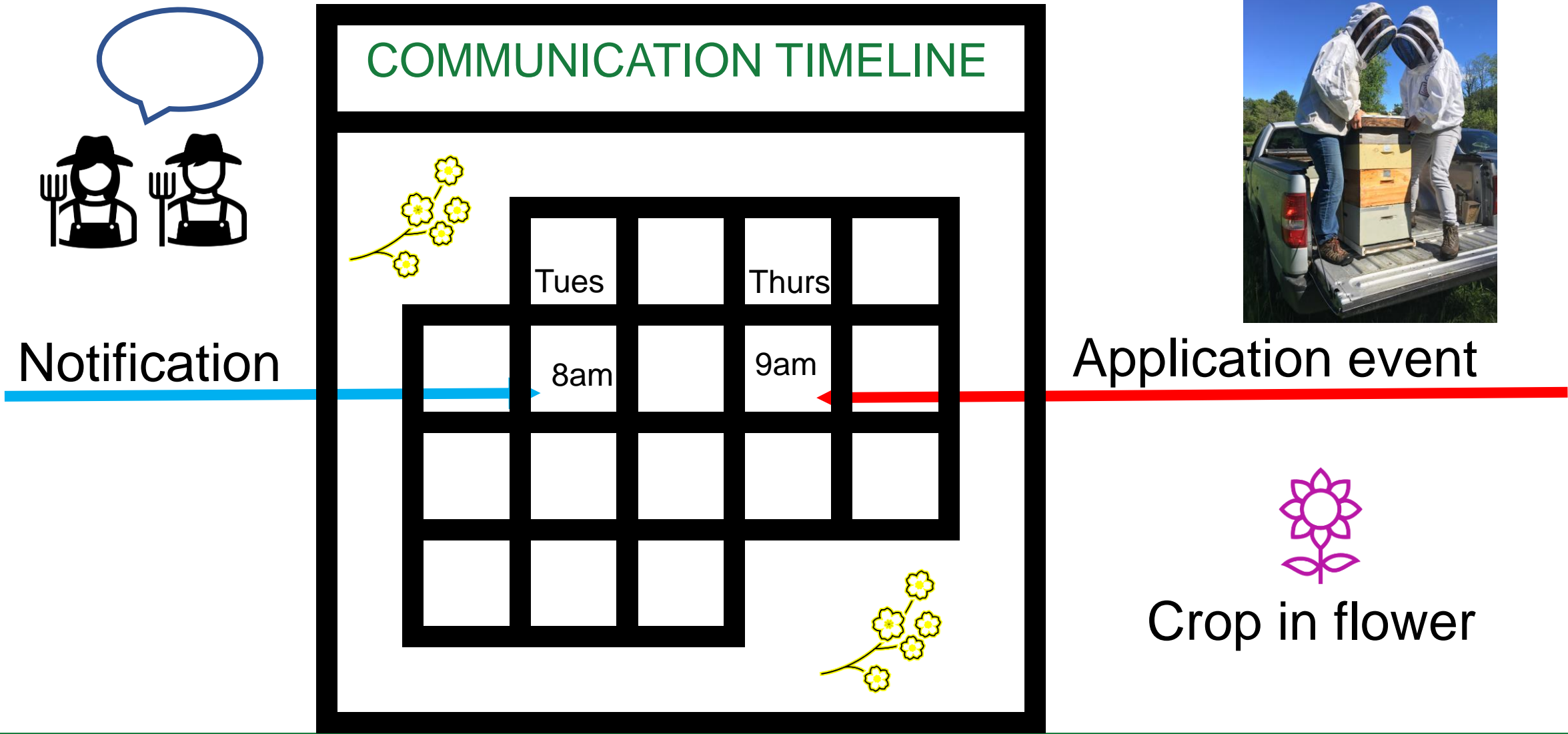
# **COMMUNICATION**

## **Section 5.04**

- (a): **No person shall apply a pesticide to a flowering crop, including alfalfa, apple, blueberry, clover, pumpkin, raspberry, squash, or trefoil without prior notification of at least 48 hours to an apiculturist who has an established apiary on the premises.**
- (b): **A person hiring a commercial applicator for an application under Section 5.04(a) shall notify, or cause to be notified, the apiculturist at least 48 hours prior to the application.**

*Courtesy of Laura Johnson, UVM Extension*





No communication required for crops NOT in flower. \*However, for the health and safety of beekeepers and their livestock, notification is helpful.\*

# FIELDWATCH ONLINE MAPPING REGISTRIES

## MAPPING TOOLS



**USED BY:** 39,000+ growers of sensitive, specialty (fruits, vegetables and organic crops) and row crops  
**FOCUS:** Sensitive / specialty crops; conventional row crops



**USED BY:** 45,000+ beekeepers with 557,000+ beehives  
**FOCUS:** Bees and pollinators



**USED BY:** 14,000+ pesticide applicators, applicators spraying lawns, mosquito control, right of way, and vegetation management  
**FOCUS:** Sensitive and conventional crops, bees, field workers

## MOBILE APPS



**FieldCheck by FieldWatch**  
FieldWatch, Inc.  
Everyone



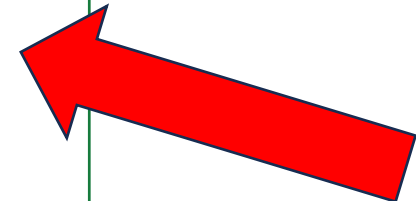
INSTALL



**BeeCheck**  
FieldWatch, Inc.  
Everyone



INSTALL







# 2024 IMPACT

**59,000+**

INDIVIDUAL  
USERS

**1.8M+**

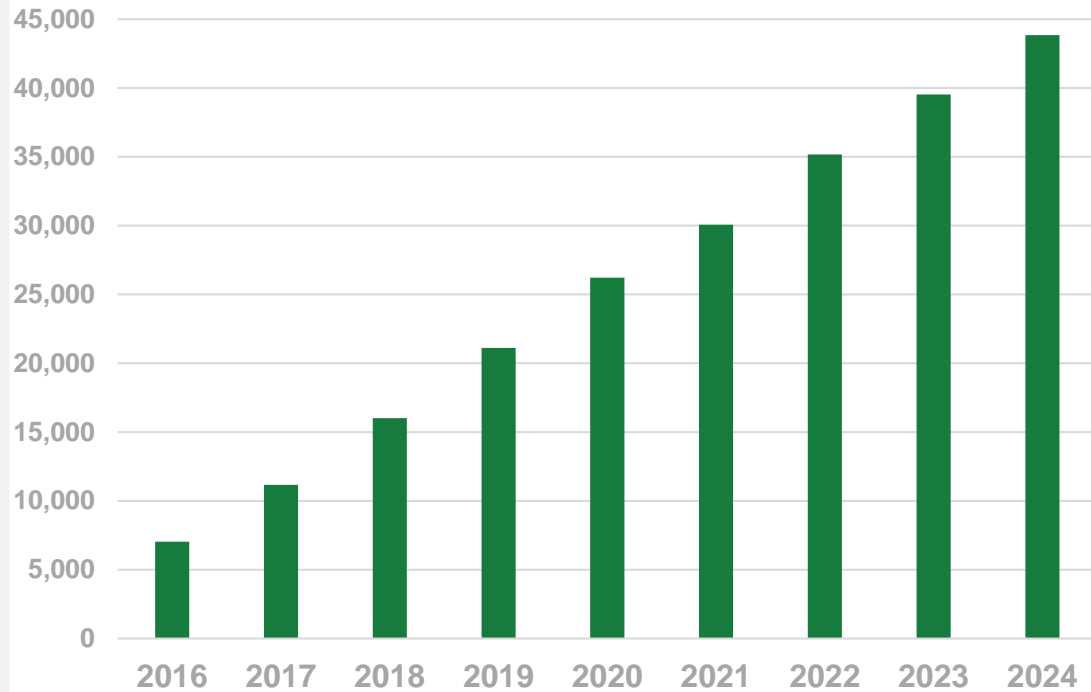
MAPPED  
ACRES

**FieldWatch**

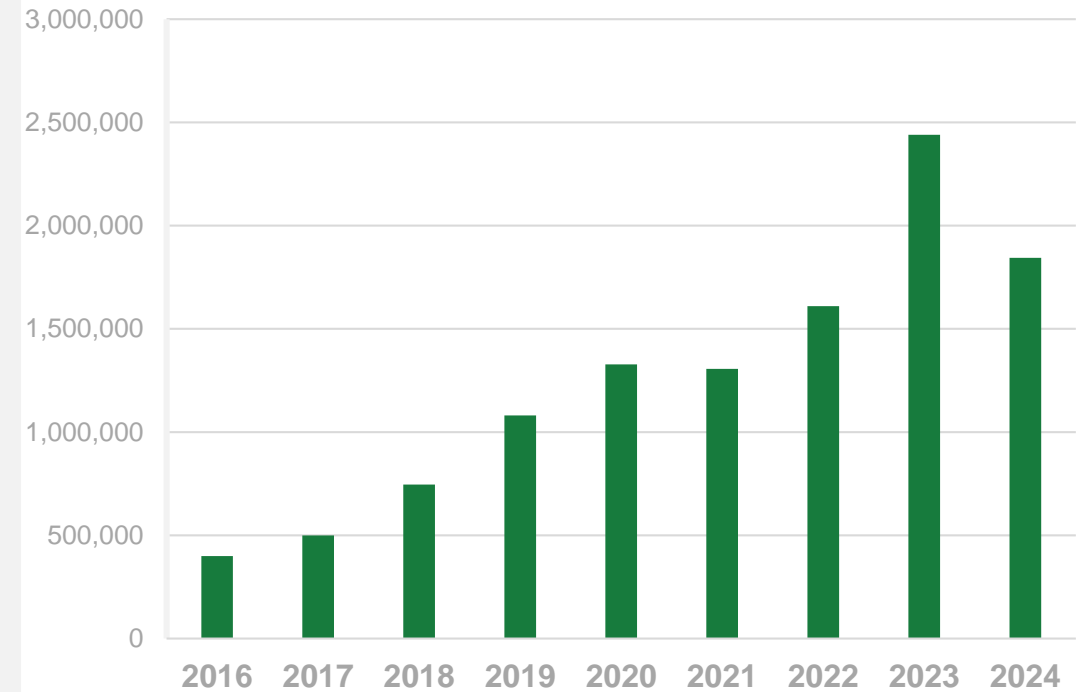
# GROWTH IN USE BY PRODUCERS: CONVENTIONAL AND ORGANIC



## PRODUCERS



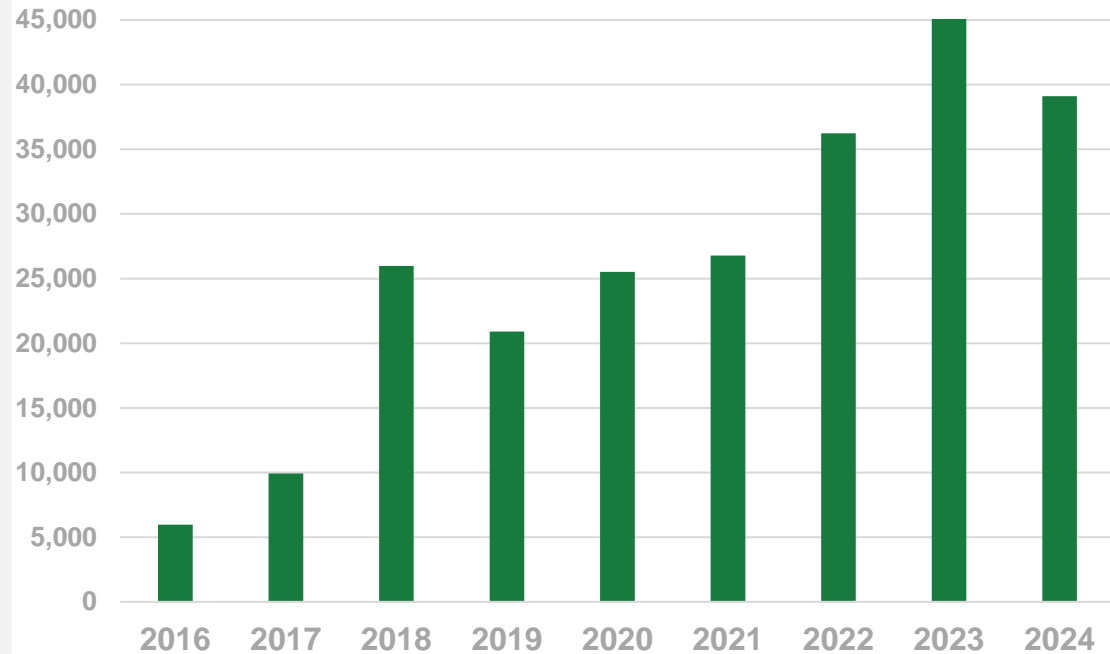
## ACRES



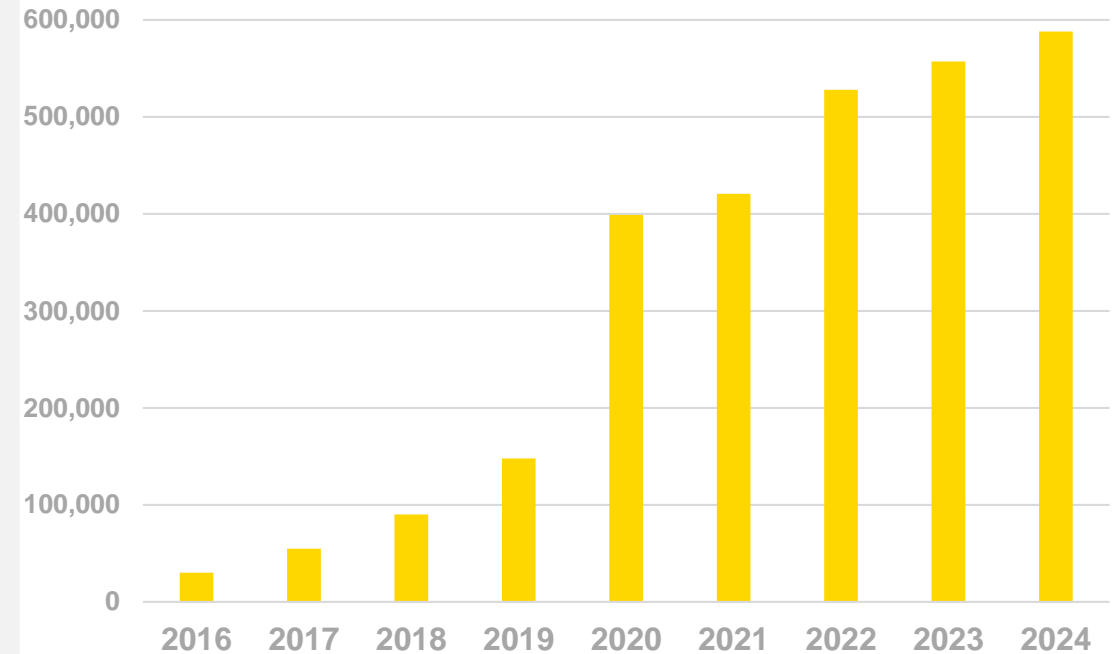
# GROWTH IN REGISTERED HIVES BY BEEKEEPERS



## BEEKEEPERS



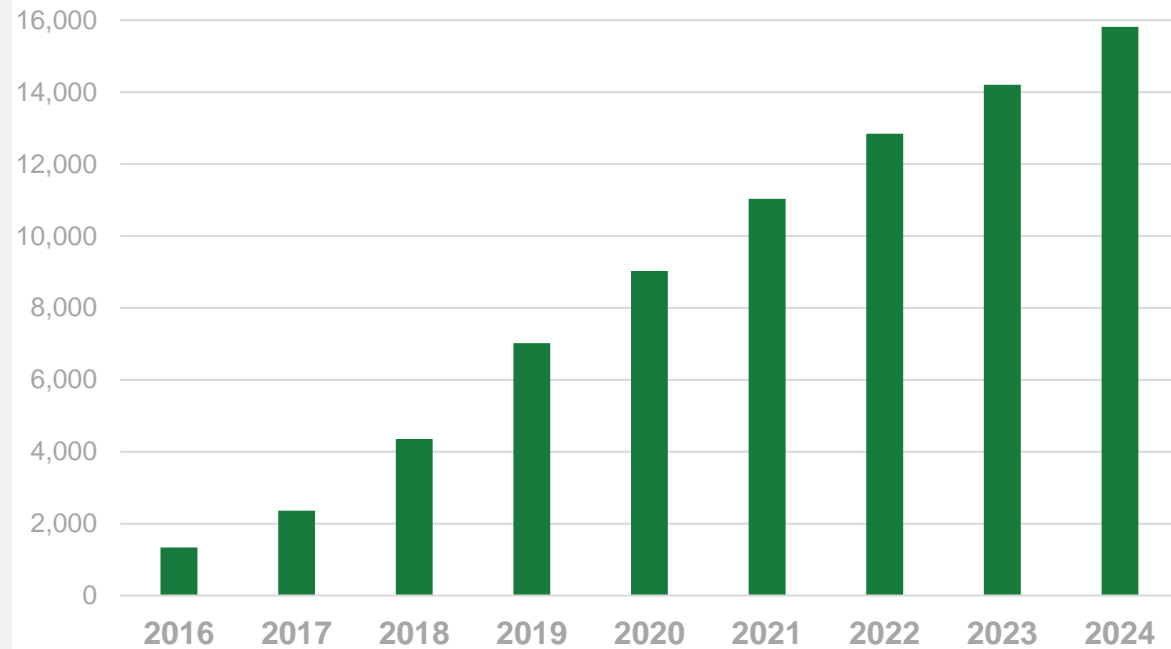
## HIVES



# GROWTH IN NUMBER OF APPLICATORS

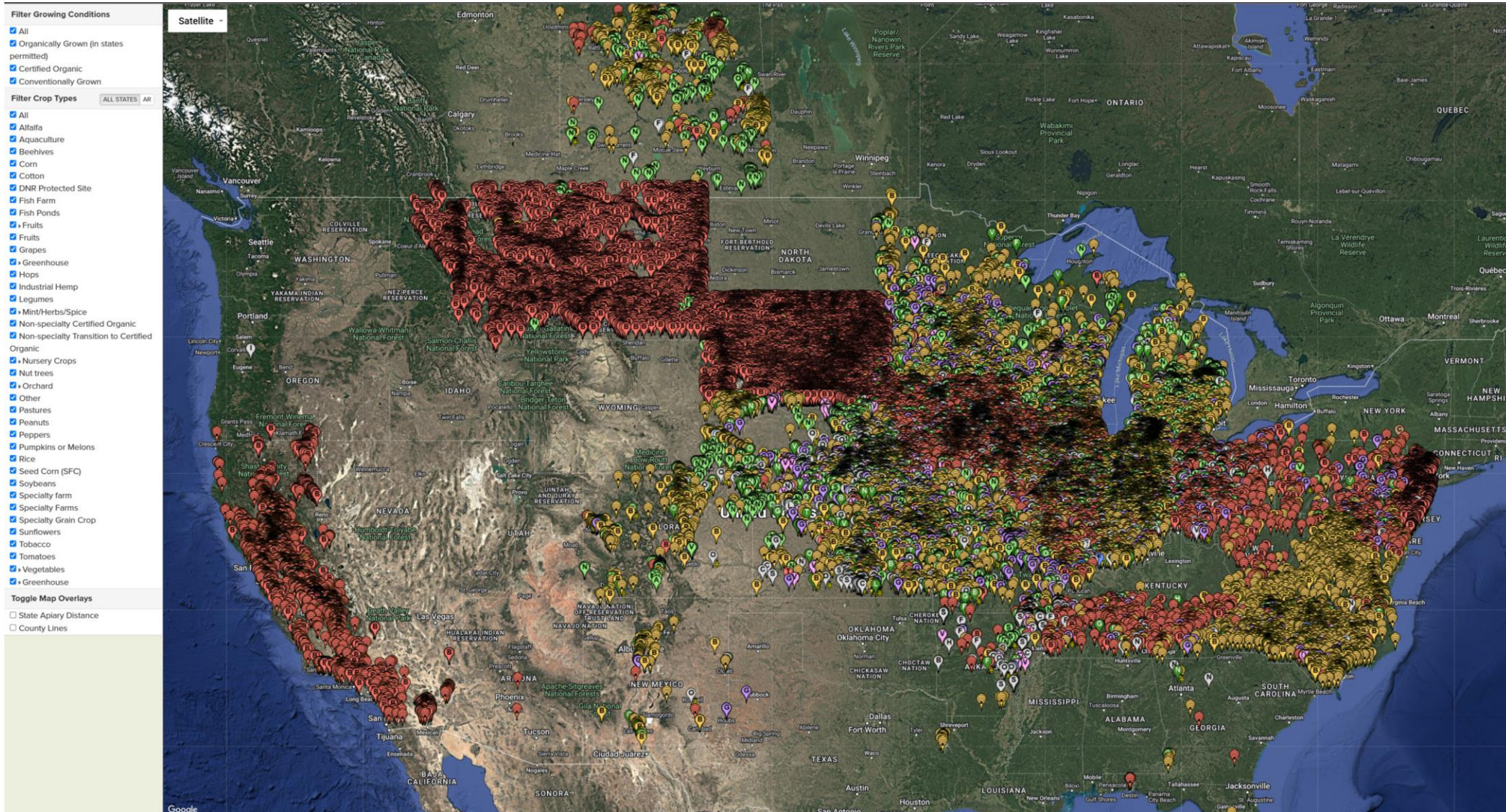


REGISTERED FIELDCHECK APPLICATORS



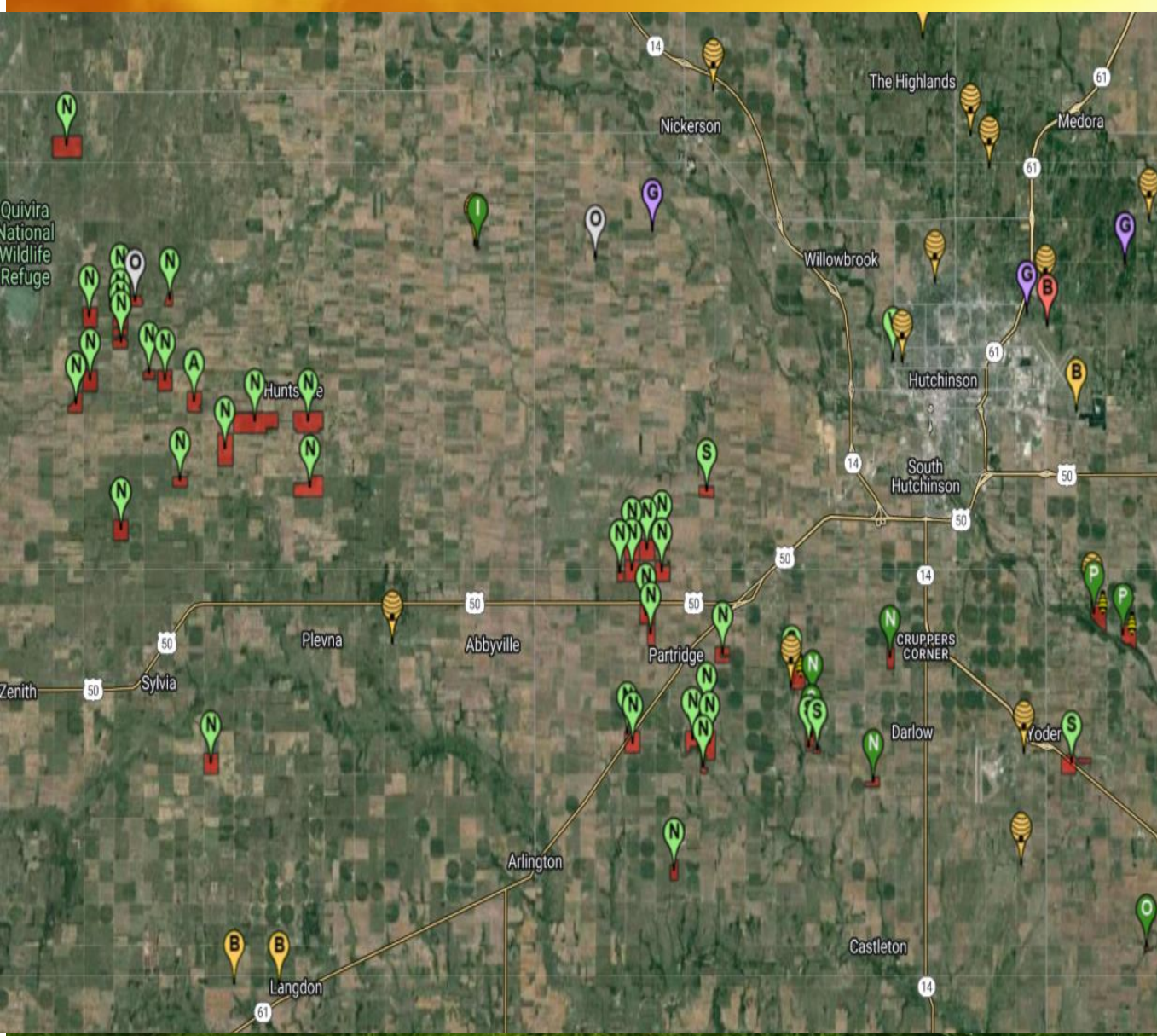



# NORTH AMERICA ALL SITES (2024)





# Applicator Map Detail View





**Crop Area KS-86671**  
"LOVE #4" Approximately 135.83 acres  
Certified Organic  
ecocert 163994-Z-95281  
Submitted 02/26/2021 Approved 02/26/2021  
Updated 01/17/2024

NON-SPECIALTY  
CERTIFIED ORGANIC

**Transfer Site Ownership**

Site expires from map after  
**03/31/2025**

Information

Modifications

**Producer:** Dennis Love

**Email:** [txdlove@aol.com](mailto:txdlove@aol.com)

**Address:** 4809 south high point rd.  
Partridge KS 67566

**Phone:** 940 636 8694

**Notes:** wheat , corn

**Site Link:** <https://ks.driftwatch.org/map?view=KS-86671>

**Center:** Latitude: 37.995373  
Longitude: -98.100962

Remove Site Approval

Make Changes to Site

Remove This Site

Close



# FIELDWATCH REGISTRIES ARE EASILY ACCESSIBLE

- Mobile access
- Desktop access
- Access through technology partner platforms



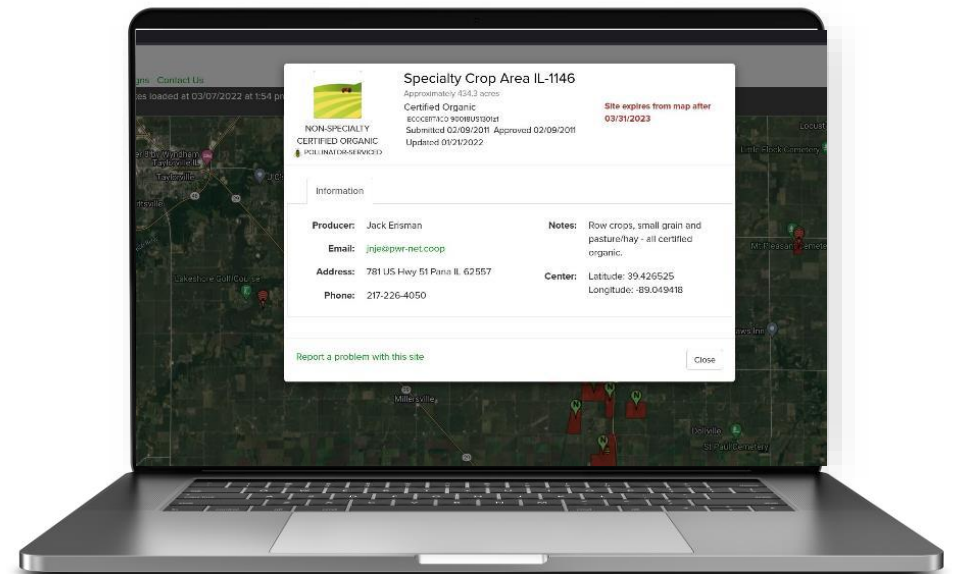
**FieldCheck by  
FieldWatch**  
FieldWatch, Inc.

**6,900+ total installations**



**BeeCheck**  
FieldWatch, Inc.

**6,900+ total installations**



# PROVIDE YOUR FEEDBACK IN OUR 5-MIN SURVEY

Questions?

Contact: Sydney Miller  
[mmille20@uvm.edu](mailto:mmille20@uvm.edu)



<http://www.fieldwatch.com>

[MORE INFO](#)



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