

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.

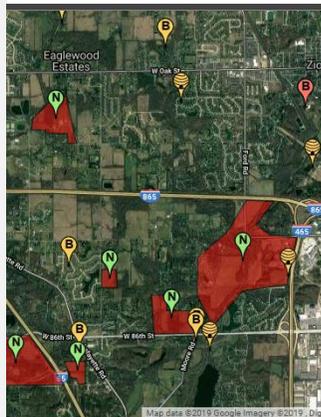
However, FieldWatch is NOT currently available in Vermont!

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.

VERMONT RULE FOR CONTROL OF PESTICIDES



February 24th, 2023,
put into effect.



Includes Section 5.04
Protection of Bees.



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



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

Section 5.04

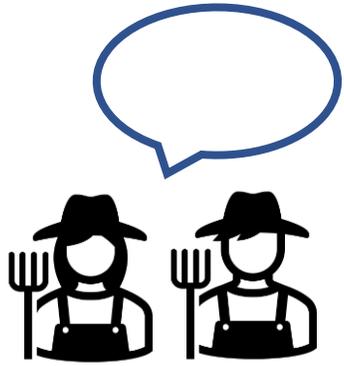
- 5.04 (a) and (b) – **communication**
- 5.04 (c) – **highly toxic: application conditions and buffers**
- 5.04 (d) – **fungicides and soil fumigants specification**

COMMUNICATION

Section 5.04

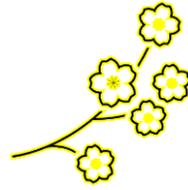
- (a): **No person shall apply a pesticide to a flowering crop, including alfalfa, apple, blueberry, clover, pumpkin, raspberry, squash, or trefoil without prior notification of at least 48 hours to an apiculturist who has an established apiary on the premises.**
- (b): **A person hiring a commercial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

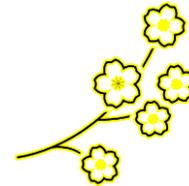


Notification

COMMUNICATION TIMELINE



	Tues	Wed	Thurs	Fri
8am			9am	



Application event



Crop in flower

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.
E Everyone



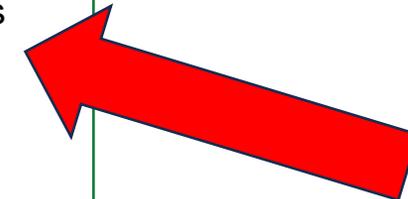
INSTALL



BeeCheck
FieldWatch, Inc.
E Everyone



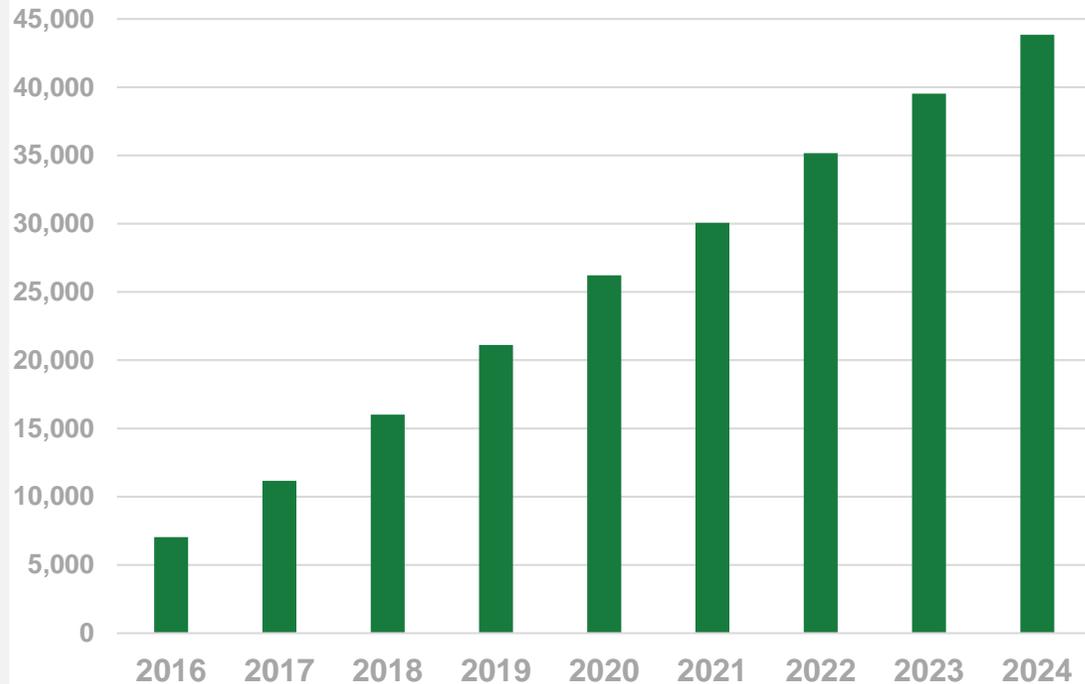
INSTALL



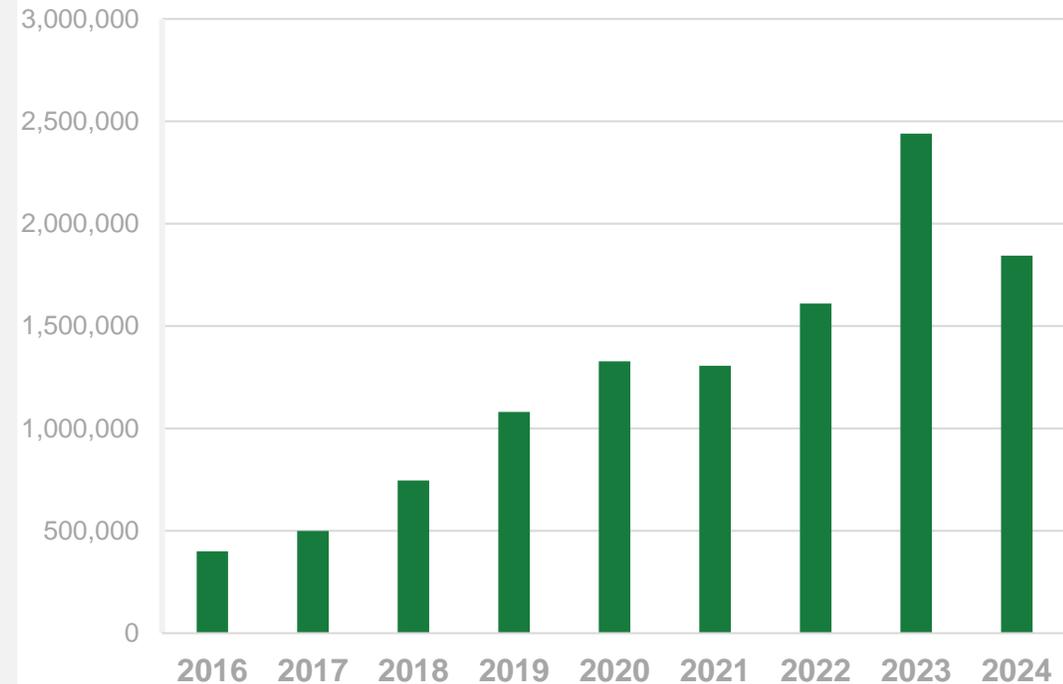
GROWTH IN USE BY PRODUCERS: CONVENTIONAL AND ORGANIC



PRODUCERS



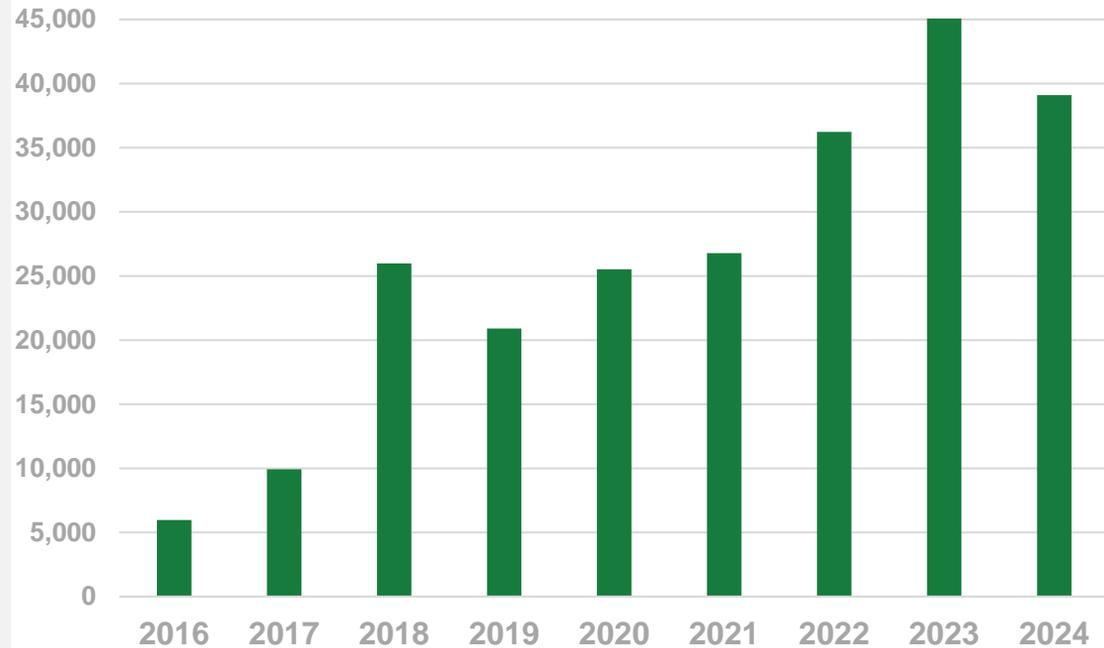
ACRES



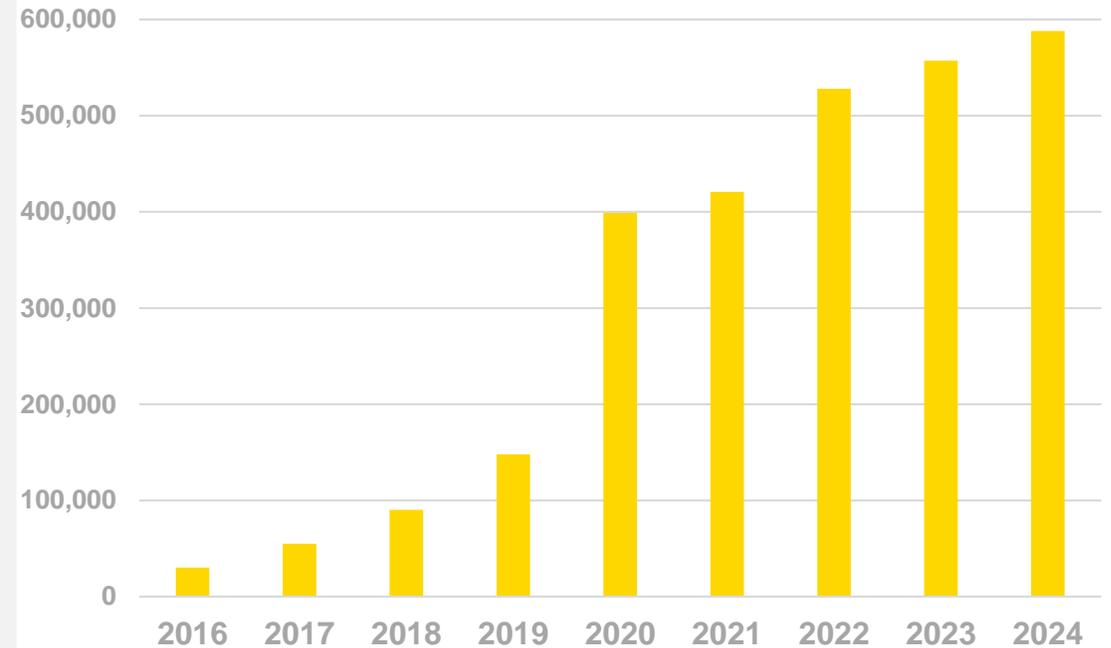
GROWTH IN REGISTERED HIVES BY BEEKEEPERS



BEEKEEPERS



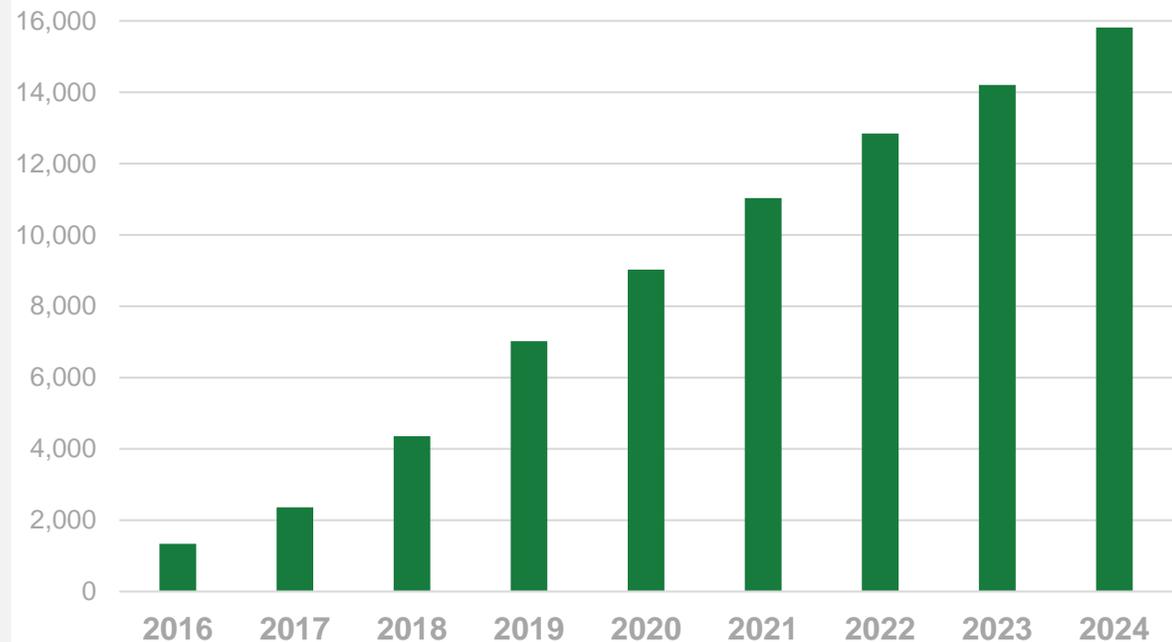
HIVES



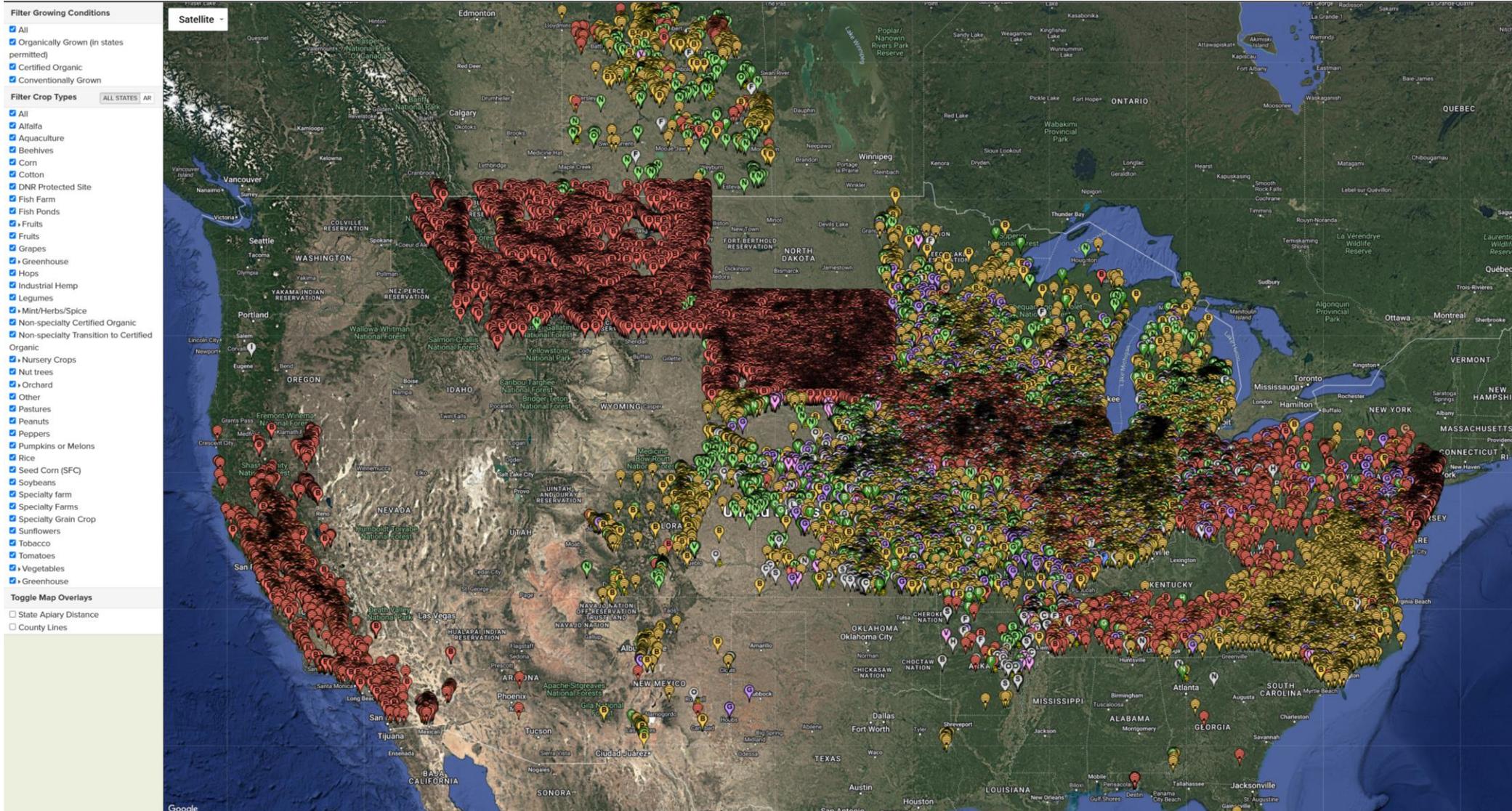
GROWTH IN NUMBER OF APPLICATORS



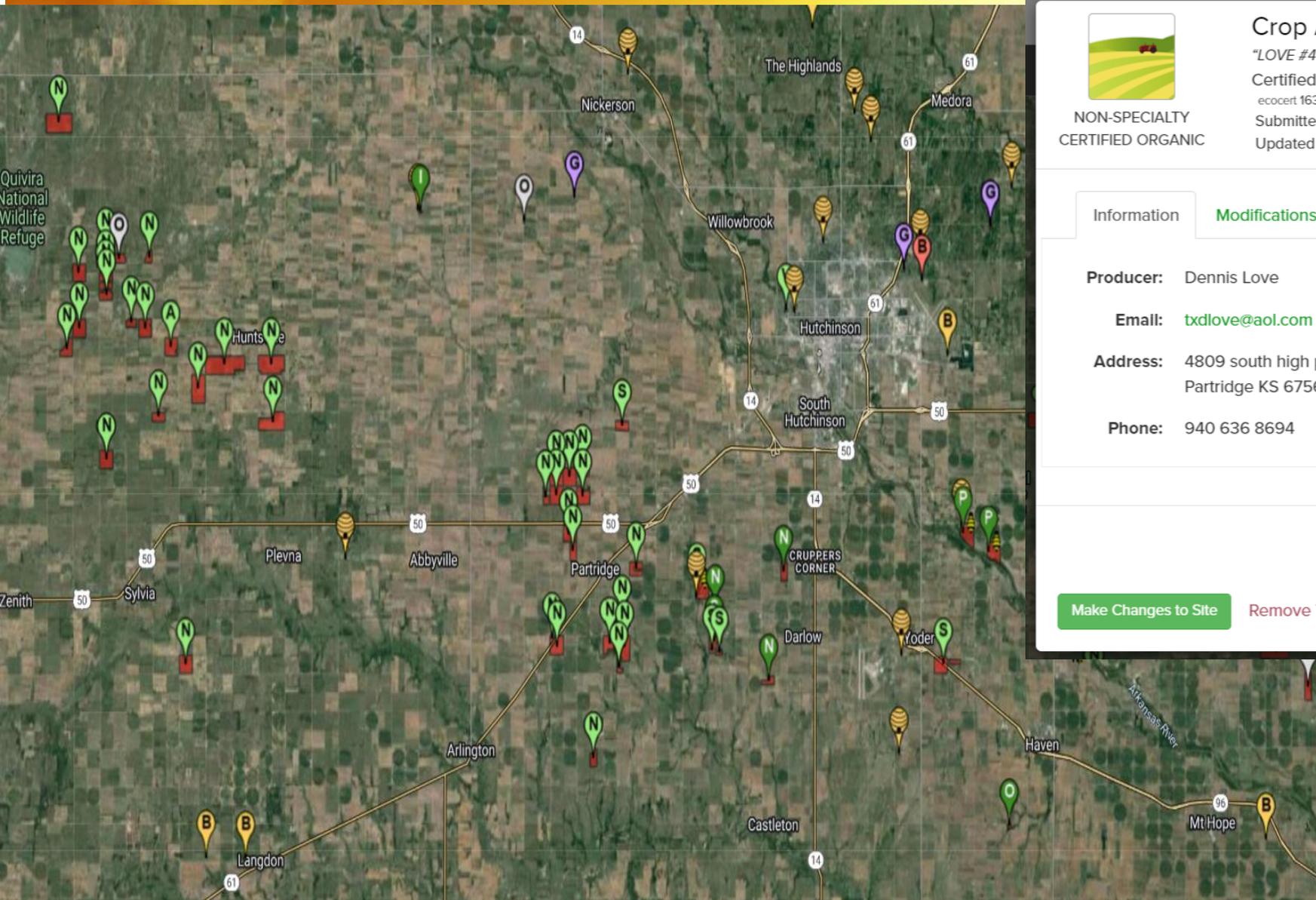
REGISTERED FIELDCHECK APPLICATORS



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

Notes: wheat , corn

Email: txdlove@aol.com

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

Address: 4809 south high point rd.
Partridge KS 67566

Center: Latitude: 37.995373
Longitude: -98.100962

Phone: 940 636 8694

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



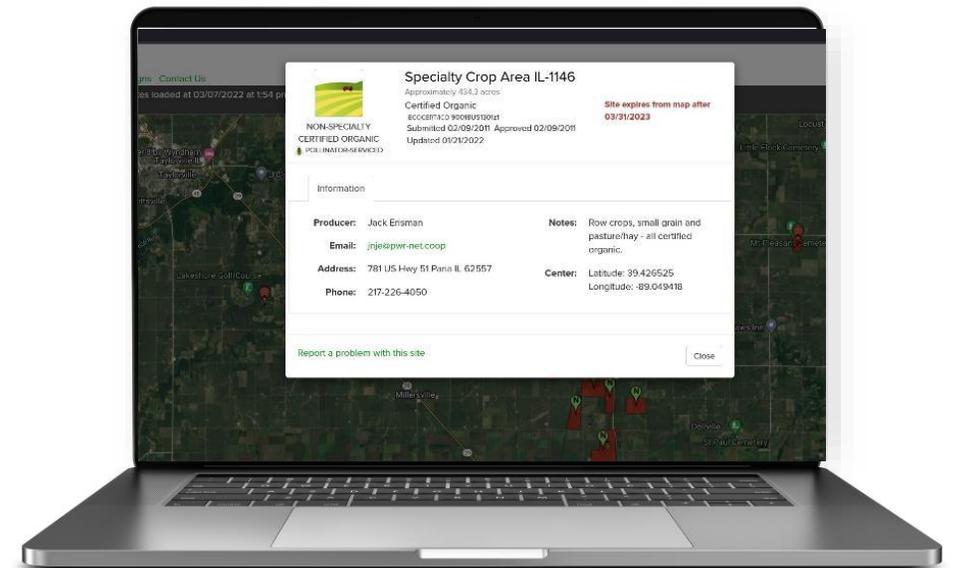
**FieldCheck by
FieldWatch**
FieldWatch, Inc.

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



<http://www.fieldwatch.com>

MORE INFO



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