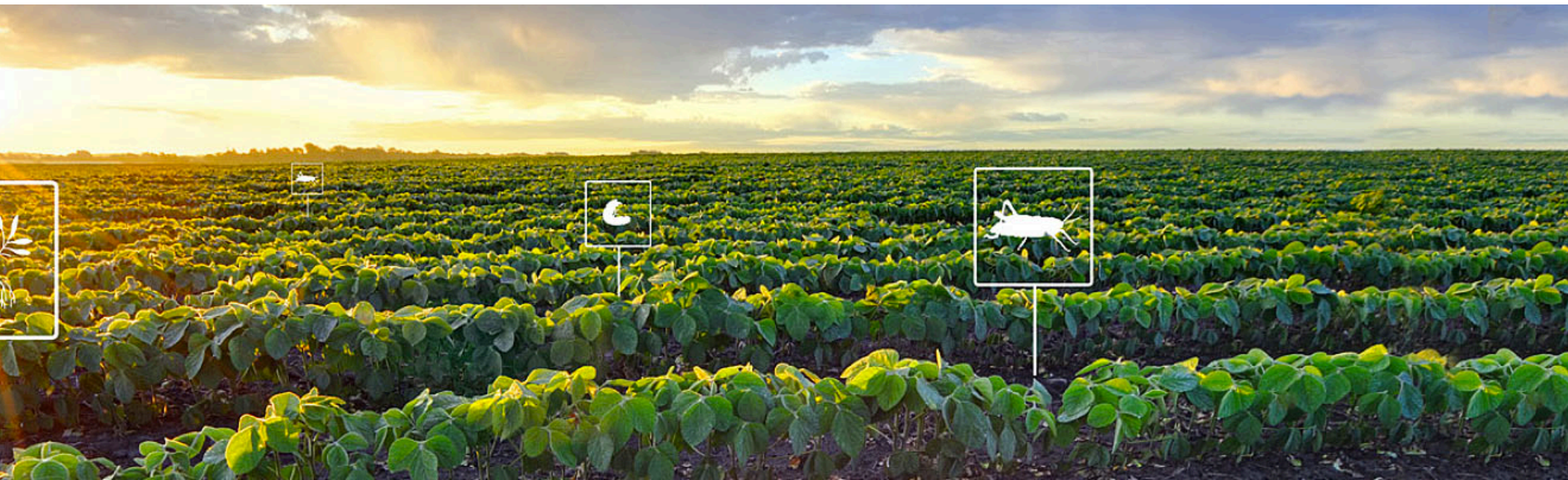




AGRONOMIC DECISION-MAKING PLATFORM



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Catskill Park
Big Indian
Wilderness

Woodstock

Slide Mountain
Wilderness

Denning

Sundown Wild
Forest

Marbletown

Rosendale

Esopus

Hyde Park

Wawarsing

Ellenville

F.A.R.M.

Poughkeepsie

Gardiner

Plattekill

Wappingers
Falls

Wurtsboro

Bloomington

Walden

2 Growers

Montgomery

Newburgh

Fishkill

East
Fishkill

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Catskill Park
Big Indian
Wilderness

Woodstock

Slide Mountain
Wilderness

Denning

Hurley Kingston Rhinebeck

Milan

Sundown Wild

Marbletown

- Arrive at orchard
- Contact farm manager
- Initial perimeter scout and check traps
- Interior block scouting
- Post observations to open scout and send reports out to growers and staff

burg

Pleasant
Valley

Millb

Beekm

Plattekill

Wappingers
Falls

Wurtsboro

Bloomington

Walden

2 Growers

Montgomery

Fishkill

East
Fishkill

Newburgh

Minards: Minards, Tyle Farm
APPLE



YOU ARE VIEWING A PAST SEASON (2018).

Minards

Tyle Farm



3 9 months ago

ds, Tyle Farm
y Lucas Canino



Plum Curculio
Plum Curculio feeding

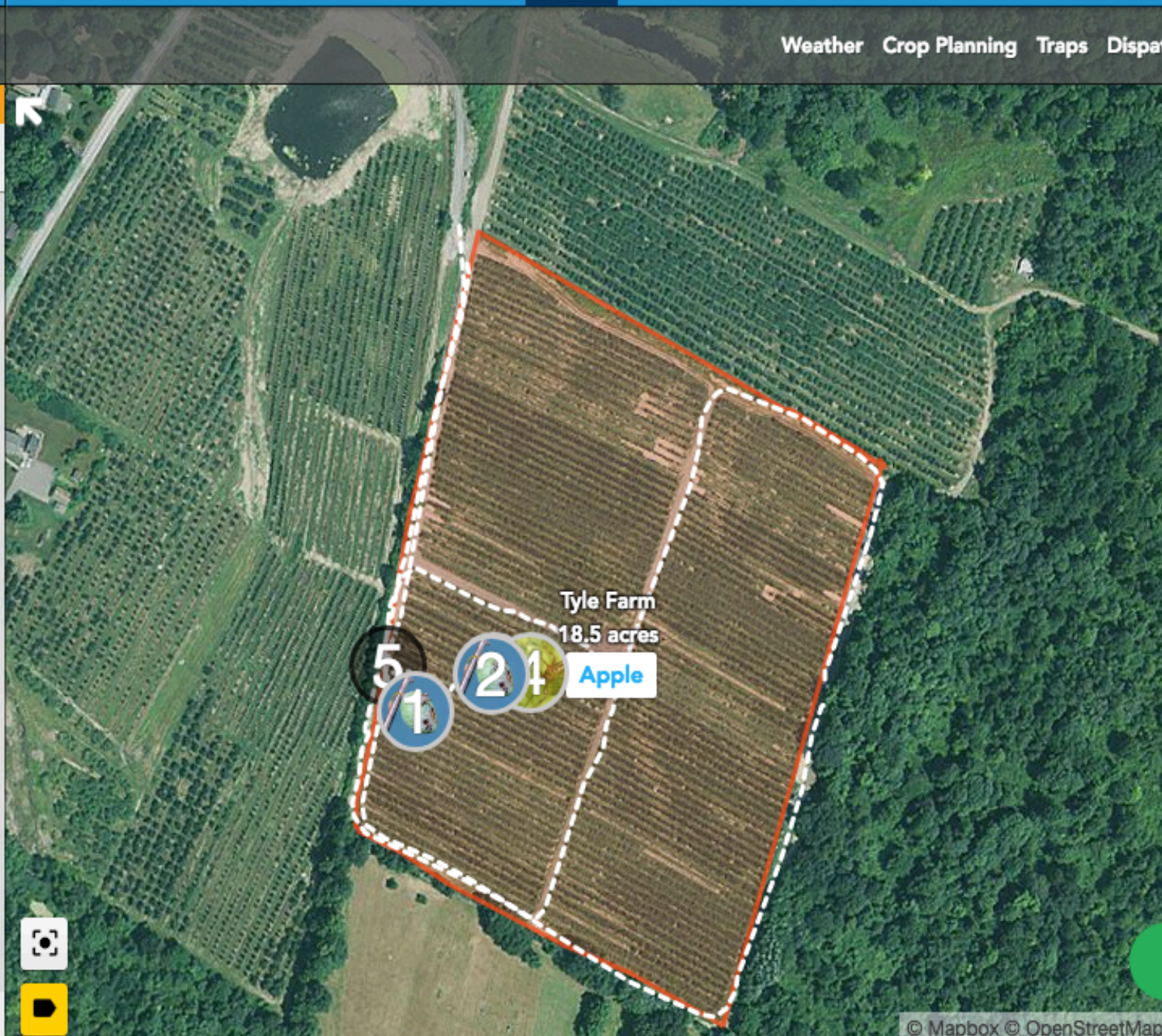


Plum Curculio
Plum Curculio feeding damage



Plum Curculio
Plum Curculio feeding

(CSV)



Minards: Minards, Tyle Farm
APPLE



Weather Crop Planning Traps Dispatch

YOU ARE VIEWING A PAST SEASON (2018).

Minards

Tyle Farm



9 months ago

ds, Tyle Farm

y Lucas Canino



Plum Curculio

Plum Curculio feeding



Plum Curculio

Plum Curculio feeding damage



Plum Curculio

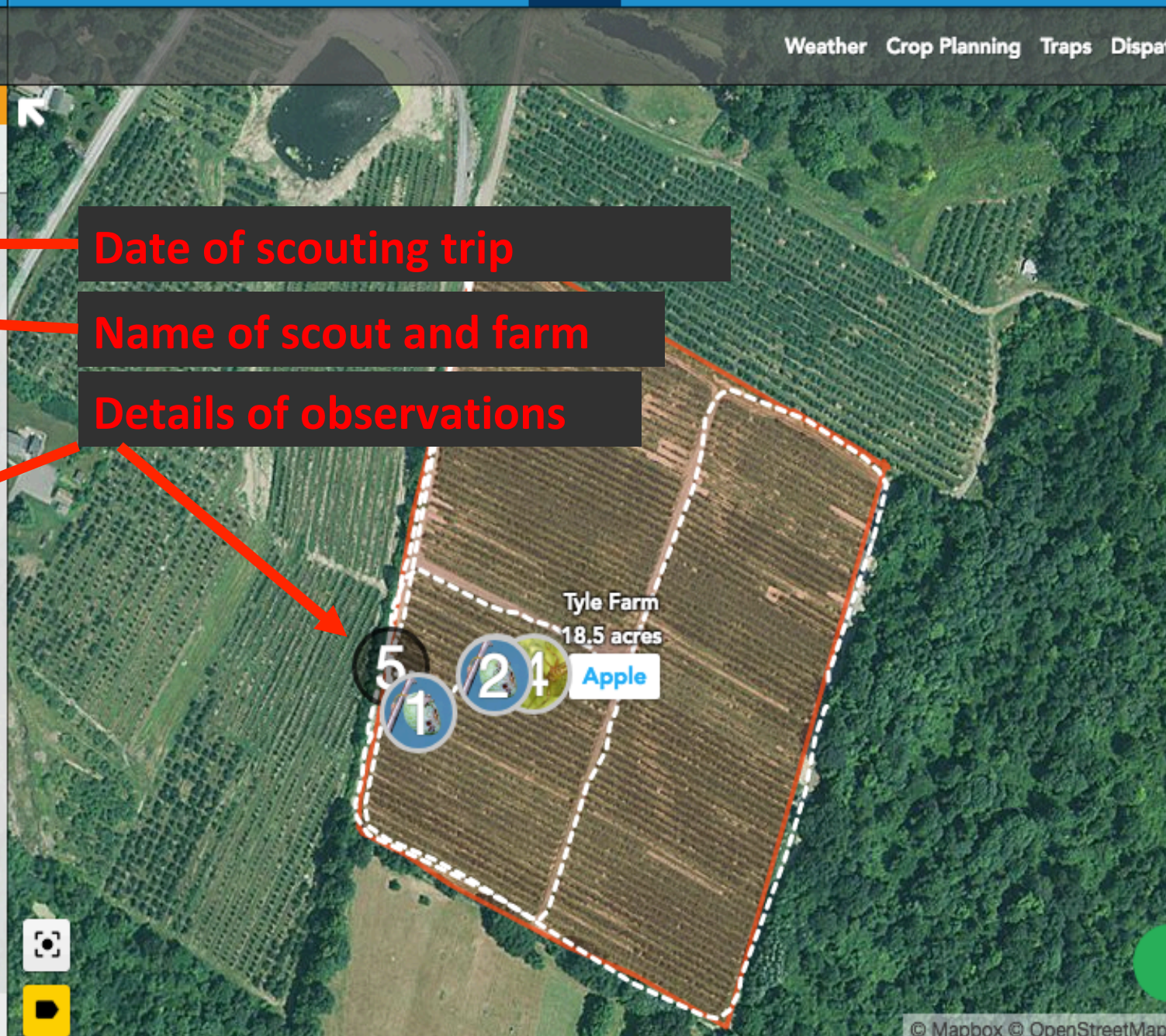
Plum Curculio feeding

(CSV)

Date of scouting trip

Name of scout and farm

Details of observations



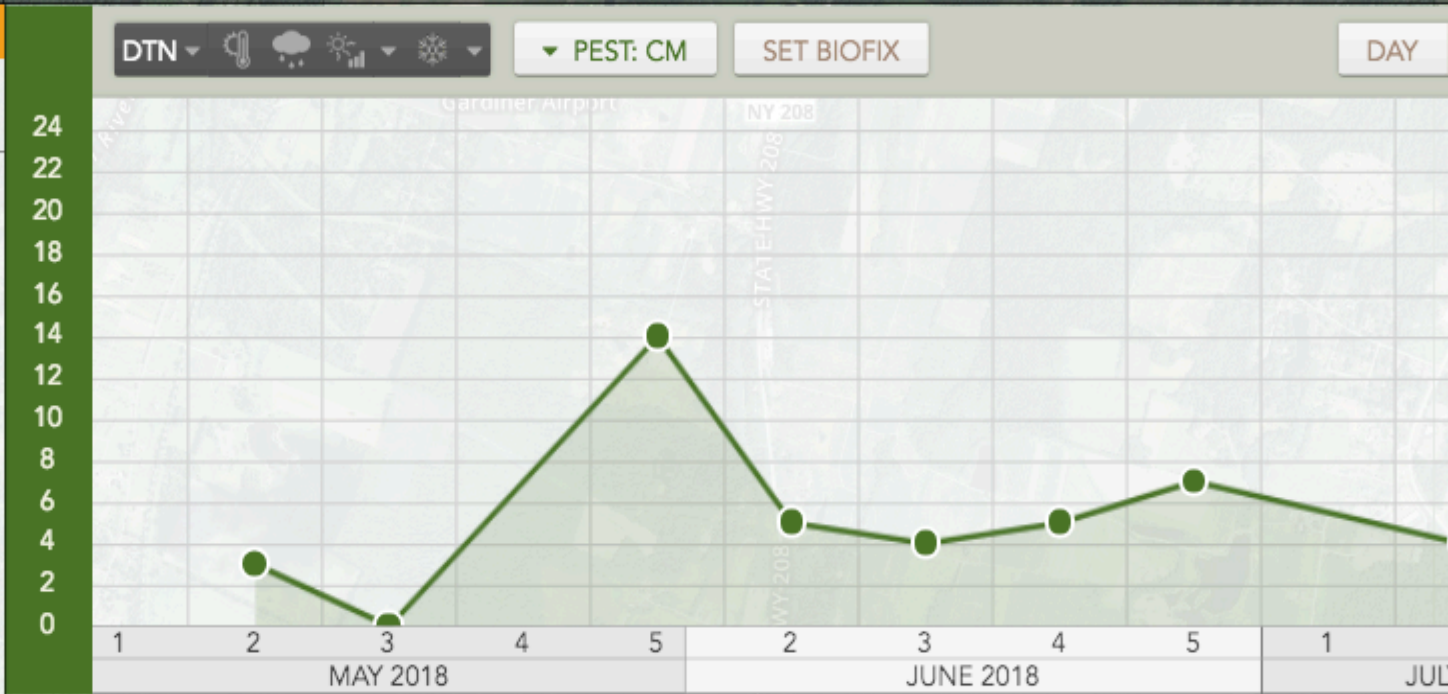
Crist Brothers: Crist Brothers, Sc...
APPLE

Weather Crop Planning Traps Dispatch

YOU ARE VIEWING A PAST SEASON (2018).

Crist Brothers Schoonmaker's

<	05/08	05/15	05/31	>	12/31
	3	0	14		



CR 9

Save

+ DTN Trap + Puffer®

Registered trademark of Suterra, LLC.



0.1"

0.8"

NY 52

Dark Sky NY 52

☀️

4°

and rising

Clear

Wind: 10 mph (W)

CR 17

CR 52

CR 14

ri

Sat

Sun

Mon

Tue

Wed

Thu

☀️

☁️

☀️

☁️

☁️

☁️

37°

39°

49°

54°

50°

56°

1°

27°

31°

40°

38°

36°

9°

☀️

☁️

DTN ▾

🌡️

☁️

☀️

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❄️

112°

1.2"

102°

1.1"

92°

1"

82°

0.9"

72°

0.8"

62°

0.7"

52°

0.6"

42°

0.5"

32°

0.4"

22°

0.3"

12°

0.2"

2°

0.1"

-8°

0"

4

5

1

2

3

4

5

2

3

DECEMBER 2018

JANUARY 2019

FEBRUARY 2019

📍

📷

Walden

East Walden

CR 29

NY 208

CR 75

CR 75

© Mapbox © OpenStreetMap

Crist Brothers: Crist Brothers, H...
APPLE

YOU ARE VIEWING A PAST SEASON (2018).

Crist Brothers Home Farm Wal...

Save

+ DTN Trap + Puffer®

Registered trademark of Suterra, LLC.

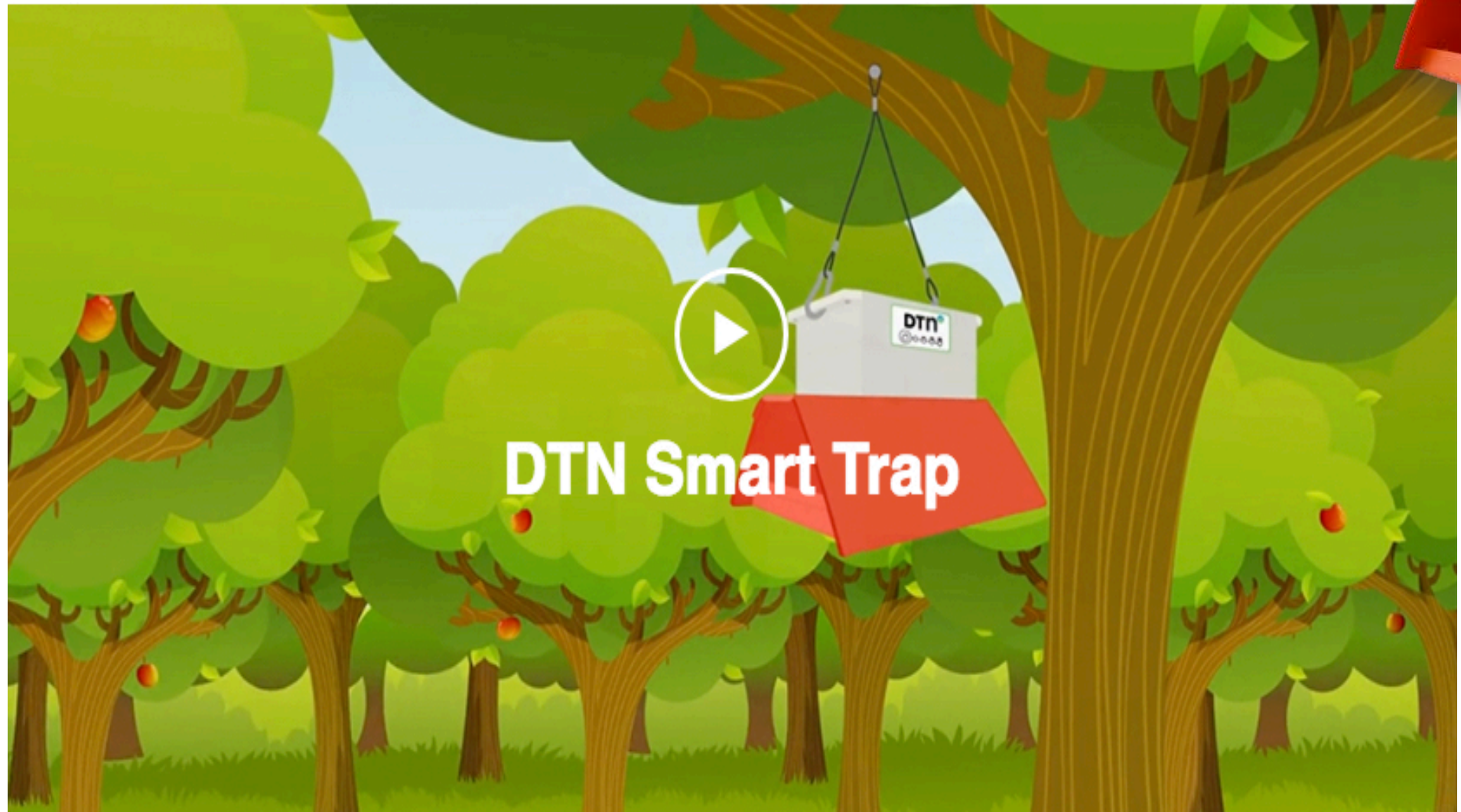
Date range

All Dates

Date Range

1/1/2018 - 12/31/2018



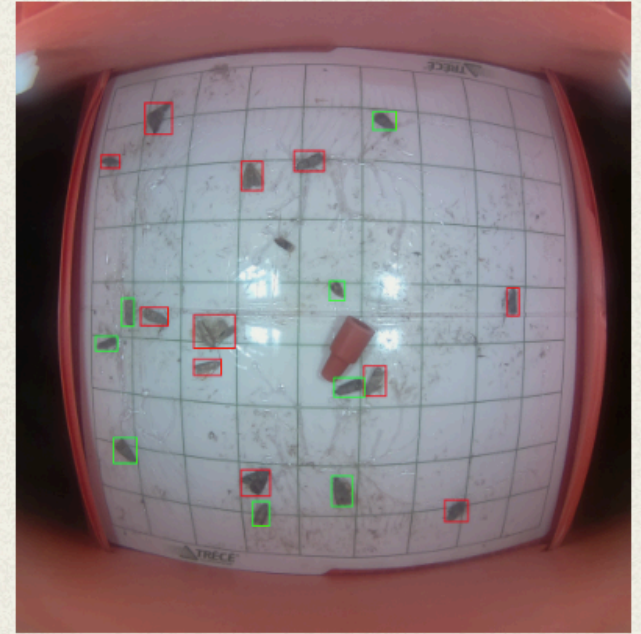
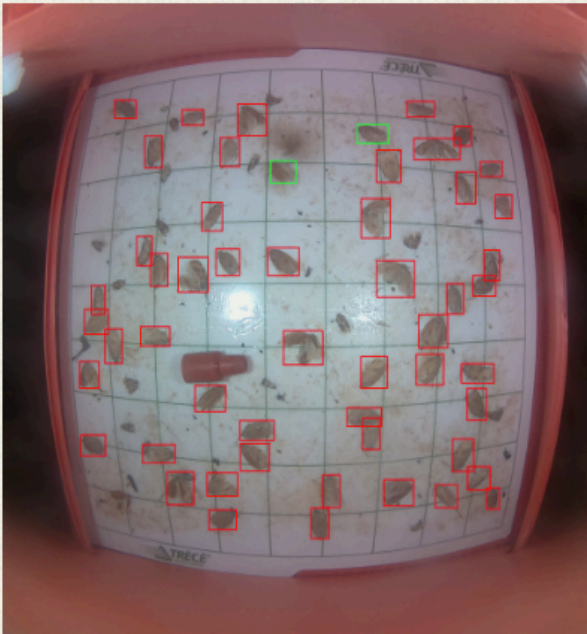




DTN Smart Trap

2018

× August 24, 2018



[View in browser](#)

Center for Research and Management

Home Farm Walden **Crist Brothers**

Walden	Apple	156.62 acres
	25 June 2018	

Brown Marmorated Stink Bug

	9.0%
	9.0%
	9.0%
Stink Bug	11.0%
Stink Bug	11.0%
Stink Bug	11.0%
Stink Bug	11.0%
	9.0%
	11.0%
	11.0%
	9.0%
	11.0%
	11.0%



1 Brown Marmorated Stink Bug



BMSB INSTARS



2 Fireblight



9.0%

9% of the field is damaged or infested.

strike marked with red and white tape



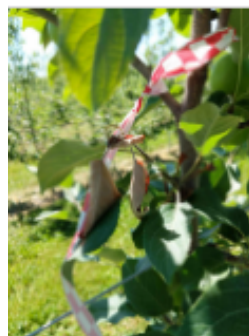
3 Fireblight



9.0%

9% of the field is damaged or infested.

entire tree infected



4 Fireblight



9.0%

9% of the field is damaged or infested.

strike marked with tape



5 Tarnished



11.0%

11% of the field is infested.

TPB damage



6 Note



leak in irrigation



7 Tarnished



11.0%

11% of the field is infested.

TPB damage



8 Tarnished




11.0%

11% of the field is infested.


TPB damage


9 Note

 irrigation leak marked with green flagging tape


10 Tarnished Plant Bug
 **11.0%**
 11% of the field is damaged or infested.
 TPB damage


11 Fireblight
 **9.0%**
 9% of the field is damaged or infested.
 stike marked with red and white tape


12 Plum Curculio
 **11.0%**
 11% of the field is damaged or infested.
 PC FEEDING

13 Plum Curculio
 **11.0%**
 11% of the field is damaged or infested.
 plum curculio feeding

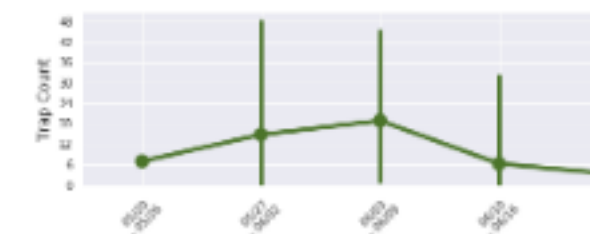
14 Fireblight
 **9.0%**
 9% of the field is damaged or infested.
 strike marked with red and white tape

15 Plum Curculio
 **11.0%**
 11% of the field is damaged or infested.
 PC ovipositing

16 Plum Curculio
 **11.0%**
 11% of the field is damaged or infested.
 PC ovipositing

17 Note

 mite sampling loca

Field: Home Farm Walden Apple



Trap counts

Trap	Pest	Sun 06/24	Mon 06/25	Tue 06/26	Wed 06/27	Thu 06/28
Codling Moth	CM	1	0	1	0	2
Average	CM	1.0	0.0	1.0	0.0	2.0

Trap	Pest	Sun 06/17	Mon 06/18	Tue 06/19	Wed 06/20	Thu 06/21
Codling Moth	CM	0	0	0	0	1
Average	CM	0.0	0.0	0.0	0.0	1.0

Trap	Pest	Sun 06/10	Mon 06/11	Tue 06/12	Wed 06/13	Thu 06/14
Codling Moth	CM	6	3	0	0	1
Average	CM	6.0	3.0	0.0	0.0	1.0

Take Away Points

Accountability

Precision

Accessibility

Questions?



https://ap.spensatech.com/api/v2/email_reports/view/?key=ad90112780e0c03aa6942cb8208e8217bd41bc97

[https://www.spensatech.com/documents/Sentinel Sheet.pdf](https://www.spensatech.com/documents/Sentinel_Sheet.pdf)