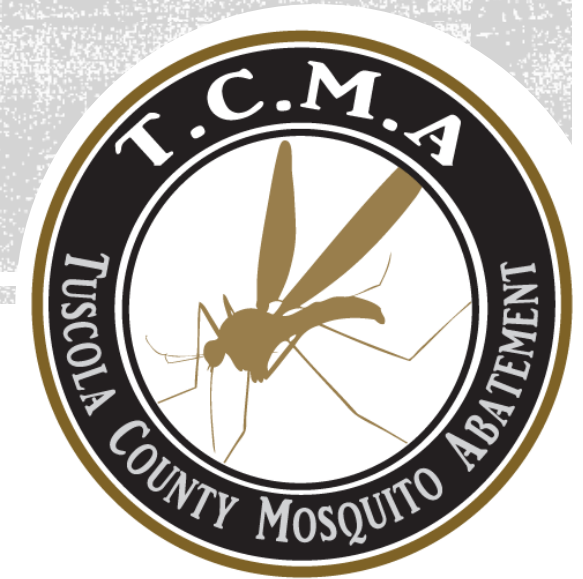


Treating Around Organic Farms

Gavin Greer, Biologist

Tuscola County Mosquito Abatement



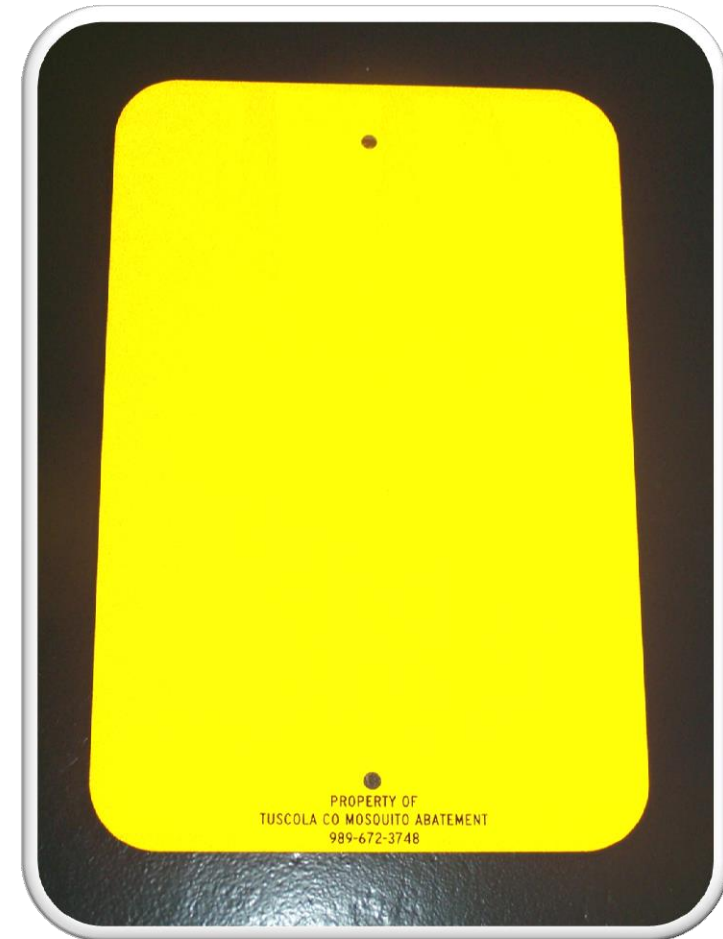
Organic Farms/No Spray

A. Steps Taken

- a. Submit a request to become a registered No Spray
- b. Register No Spray at driftwatch.org
- c. Department will then receive a notification

B. After

- a. “No Spray” signs will be placed around signified field
- b. Any department that applies chemicals/pesticides is now able to recognize that farm
- c. Pesticide applicators are better able to avoid a certain field or No Spray if necessary



Problems We Face

A. Miscommunication

- a. Leads to problems with the public
- b. Somebody doesn't get fogged

B. Treating Around Organics Farms/No Sprays

- a. Some nights it is impossible to treat with ULV equipment due to wind direction
- b. People who want to get fogged are surrounded by a No Spray



Helpful Tools/Resolutions

- A. Driftwatch
- B. Barrier Treatments
- C. Controlling Drift
- D. Monitoring Drivers
- E. Maps
- F. Signs



Driftwatch

A. Shows No Sprays

- a. Shows where No Sprays are located in the county
- b. Gives number of No Sprays in each township

B. Sends Alerts

- a. Drift Watch will send an alert when an organic field has been added to the county
- b. Helpful when updating where No Sprays are

C. Gives Information

D. Determines Route Maps

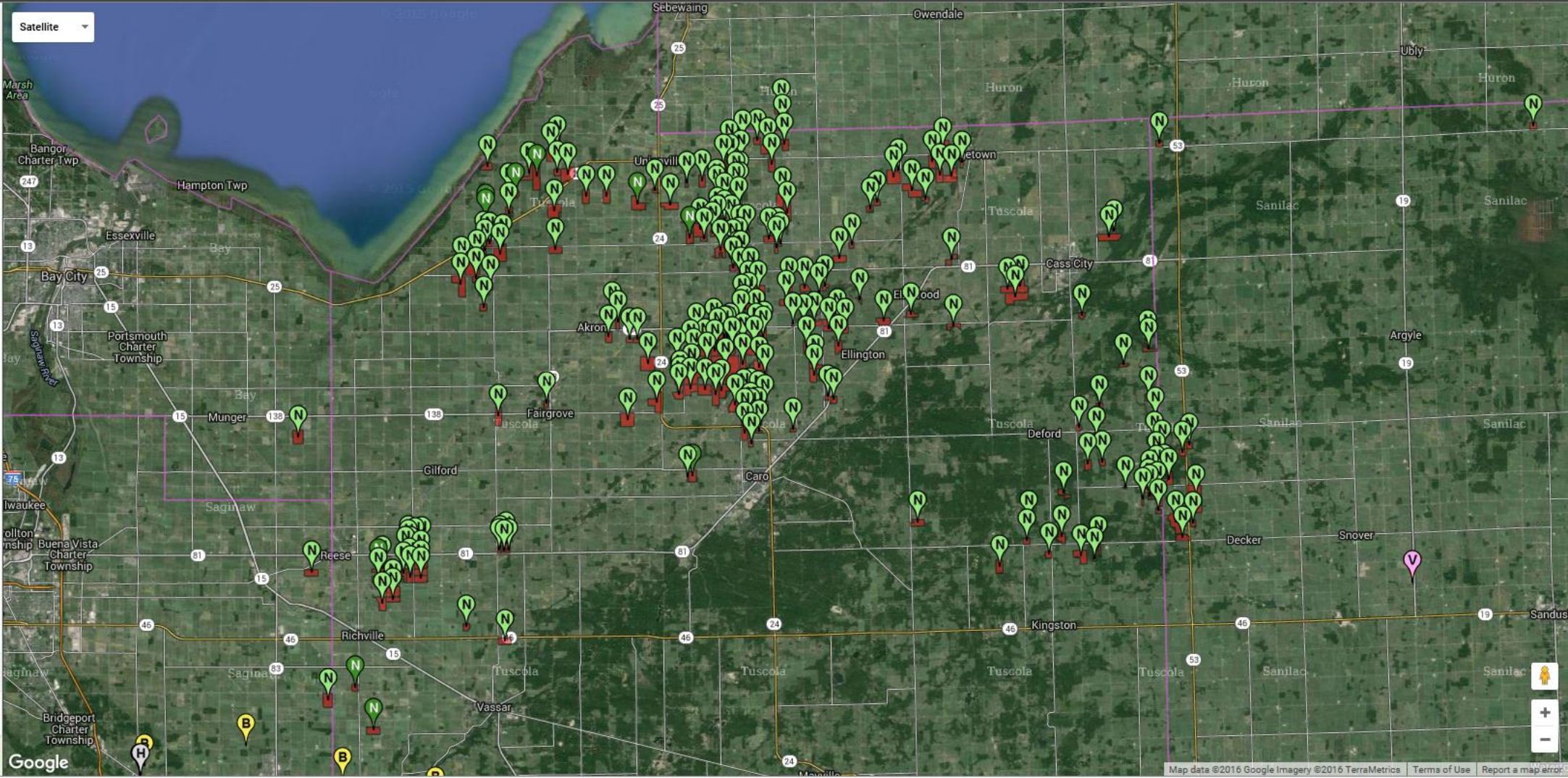
E. <https://driftwatch.org/>



Go To My Location

Tuscola County

- Growing Conditions**
- All
 - Conventionally Grown
 - Organically Grown (in states permitted)
 - Certified Organic
- Crop Types** ALL STATES MI
- All
 - Beehives
 - Christmas Trees
 - Fish Farm
 - Floriculture or Greenhouse
 - Fruits
 - Grapes
 - Greenhouse - High Tunnel
 - Hardwood Plantation
 - Hops
 - Mint or Herbs
 - Non-specialty Certified Organic
 - Non-specialty Transition to Certified Organic
 - Nursery Crops
 - Pastures
 - Pumpkins or Melons
 - Tobacco
 - Tomatoes
 - Vegetables
 - Other
- Map Overlays**
- County Lines
 - Commercial Wind Farms



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Barrier Treatments

- A. Leaves Residual (1 day to 2 weeks)
- B. Lasts Longer
- C. Less Chance Of Drift
- D. Repels
- E. See Treatment Area



Controlling Drift

- A. Michigan Drift Management Plan
(Regulation 637, Pesticide Use, Rule 10)
- B. Applicators Review Drift Management Plan
- C. Minimizing Off-target Drift
 - a. Use large spray droplets
 - b. Add drift control additives
 - c. Release pesticide close to the target
 - d. Use lowest effective rate of application
 - e. Use your wind blocks
 - f. Target sites in close proximity to No Spray may be omitted from treatment



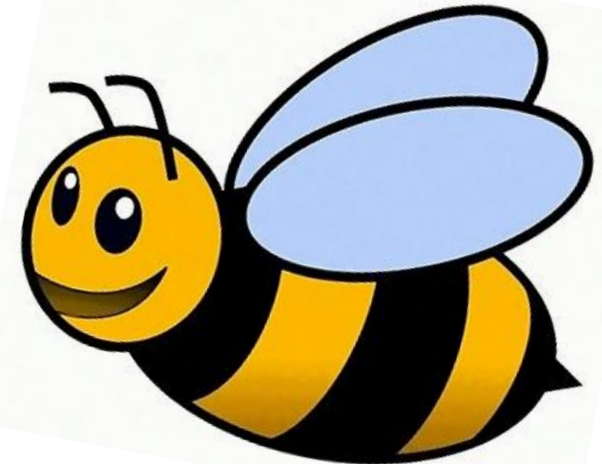
Working With Farmers

- **Communicate**

- Foreman go out and touch base with farmers
- Make sure No Spray signs are all still easily visible for applicators
- Applicators regularly reach out to farmers to make sure all is well

- **Bee Hives**

- Foreman will also touch base with any owners of bee hives
- Drivers are on the watch for any bee hives
- Applicators then pass that information to the head of the department so they can mark where the bees are located
- Utilize driftwatch.org for registered bee hives



Questions?

Thank you!

