APM Mosquito Control

Mosquitoes Are All We Do
How we started

IDEA

Great Lakes Mosquito Man
1995
Advanced Pest Management
APM Mosquito Control
APM Mosquito Today

- Family owned and operated
- Integrity Driven
- Specializes in full service Integrated Pest/Mosquito Management Programs
- Programs are designed on needs of the community and implemented based on Mosquito Control Industry Standards

Serve Municipal, Commercial, Golf Course, HOA, and Individual Clients throughout Michigan
Integrated Pest Management

"To control insect pests in an efficient and economical manner while preventing damage to humans, wildlife and the natural environment"
Licensing and Registration

- All field technicians employed by APM are certified in core and 7F (Mosquito Control) by the State of Michigan Department of Agriculture and Rural Development

- All Materials utilized by APM are registered and approved for mosquito control

- Member of Michigan Mosquito Control Association
Mosquito Control Program

- Mapping
- Larviciding
- Adulticiding
- Surveillance
  - New Jersey Light Trap
  - CDC Traps
- Citizen /Location Database
Mapping

- Inspection and Larviciding Map
  - APM survey for potential breeding sites
  - Breeding site- Mapped
  - Acreage and Habitat type recorded
  - Reference number are assigned.

Temporary Sites and Permanent Sites

- Adulticiding
  - Township are divided into spray routes
  - Off Roads and No Sprays are marked
Larviciding

- Targets the mosquito in the larval stages in the water

Aerial Larviciding

Product used- BTI (*Bacillus Thuringiensis Israeliensis*)
Natural occurring soil bacteria applied to granulated corn cobs
Works by imploding the mosquito larvae stomach

Ground Larviciding

Power Backpack application of Vectobac (Bti) or Vectolex (Bs)
Done throughout the season
Rainfall Dependent
Catch Basins / Sewage Lagoons
Retention Ponds/Ditches

- Sites vary depending on the community
- Catch Basins
  - Altosid XR IGR 150 Day Briquets
- Sewage lagoons or retention ponds are inspected and treated throughout the season
  
  Multiple larviciding products are used depending on the habitat
Adulticiding

- 16 Trucks
- ULV Unit - Ultra low volume
- Geo-Tracker- Computer system
- Truck Monitors- Monitor Four
- ATV Mounted Units and Backpacks

- Treatment is Weather Dependent

Temperature > 55°F and Wind speed < 10mph
No rain
Citizen/Location Database

APM collects information from citizen requests to create a database for the community

- **Call List** - A list is created and maintained of citizen requesting notification prior to treatment

- **Shut Off List** - Citizens who request no treatment on their property

- **Off Road List** - Citizens who request to be off-road and meet criteria

Properties are staked for identification
Surveillance

- **New Jersey Light Traps**
  - Monitor population
  - Used to determine if adulticiding is needed > 20 females

- **CDC Traps**
  - Variety of locations
  - Disease Surveillance
    - Mosquitoes are collected and sent MSU Mosquito Lab for disease testing
CUSTOMER SERVICE
Integrity Driven

- Integrity is to live and tell the truth.
- It is honoring a commitment when you make a promise.
- It is doing the right thing no matter the outcome or what anyone else is doing.

*Change Starts With Me*

http://www.ocls.info/Campaign/charactertraits/default.asp
Our Goals

- To control nuisance and disease vector mosquitoes
- Develop and follow a IPM Program for our clients
- Provide Customers with the best over-all experience possible
- Maintain Customer Satisfaction
Customer Service
New Trends

We care about your summer!

APM MOSQUITO CONTROL

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