



**Martin County  
Mosquito Control  
Overview of Operations  
by  
Gene Lemire**

# **Martin County Mosquito Control**

- ▣ **Responsible for 294 square miles**
- ▣ **Mosquito Control**
- ▣ **Impoundment Management**
- ▣ **Aquatic Weed Control**
- ▣ **Right of Way Control**
- ▣ **African Bee Control**

- ❑ 7 Full Time Employees
- ❑ 2 Part Time Employees
- ❑ 6 ULV Trucks / 6 part time drivers
- ❑ 20 Surveillance Traps
- ❑ 7 Disease Surveillance Sites
- ❑ 80 Domestic Inspections
- ❑ 150 African Bee Complaints

# WHY DO WE SPRAY FOR MOSQUITOES

1. **They are a biting pest**
2. **They transmit disease**

# Chemicals

- ▣ Four star briquets
- ▣ Four star BTI granules
- ▣ Altosid granules, pellets, liquid, briquetetes
- ▣ MonoMolecular film
- ▣ Abate liquid and pellets
- ▣ Zenivex
- ▣ Permanone 30x30
- ▣ Dibrom

# New use for Dibrom





































# Impoundments

- ▣ Jensen Beach 170 acres constructed 1958
- ▣ FOS 76 acres constructed 1961

























# **IMPROVING A VECTOR CONTROL PROGRAM**

Gene Lemire

Director

Martin County Mosquito Control

**We have very few inferior people in the world. We have lots of inferior environments.  
Try to enrich your environment.**

**People contribute and successfully solve problems when they have developed the skills to succeed in the environment in which they have been placed. Educate your employees in the areas that you want them to succeed.**

**People in the dark are rarely cooperative. Being informed is essential before taking action.**

**When people know what's going on they're much more likely to cooperate.**

**If you want people to care, get them involved. People want to get into the act—let them. Adopt a participative style to involve people.**

# Working Smarter Not Harder

- ▣ Keep things as simple as possible
- ▣ Multi-task equipment and employees
- ▣ Constantly look for ways to improve
- ▣ Actively seek out new technology that will improve your operation
- ▣ Never be afraid of failure, take risks