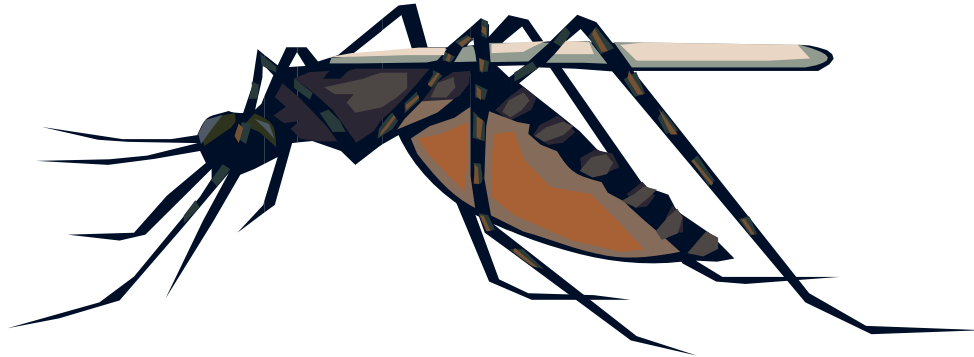


MOSQUITO CONTROL SECTION

James Clauson, Environmental Manager

Bureau of Entomology And Pest Control





Team Members

- Angela Weeks-Samane, Regulatory Supervisor/Consultant—7 years in Bureau
- Joe Claborn, OPS---5 years in Bureau
- Vacant Position...



Team Members

(Operational Support, Dog Fly Control)

- Stephen Sickerman, 16 years Manager--
- Kathy Valdez, 10 years Secretary---
- Tim Ominet, 2 years Mechanic---
- Gale Weede, 10 years Clerk
- Vacant, Pilot position



Responsibilities

- Supporting and enforcing F.S. Chapter 388 and FAC 5E-13, Mosquito Control Law
- Assist Mosquito Control Districts throughout Florida
- 58 participating Districts, Independent(15) and Dependent(43) Districts



Responsibilities, cont...

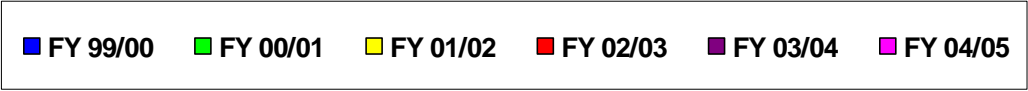
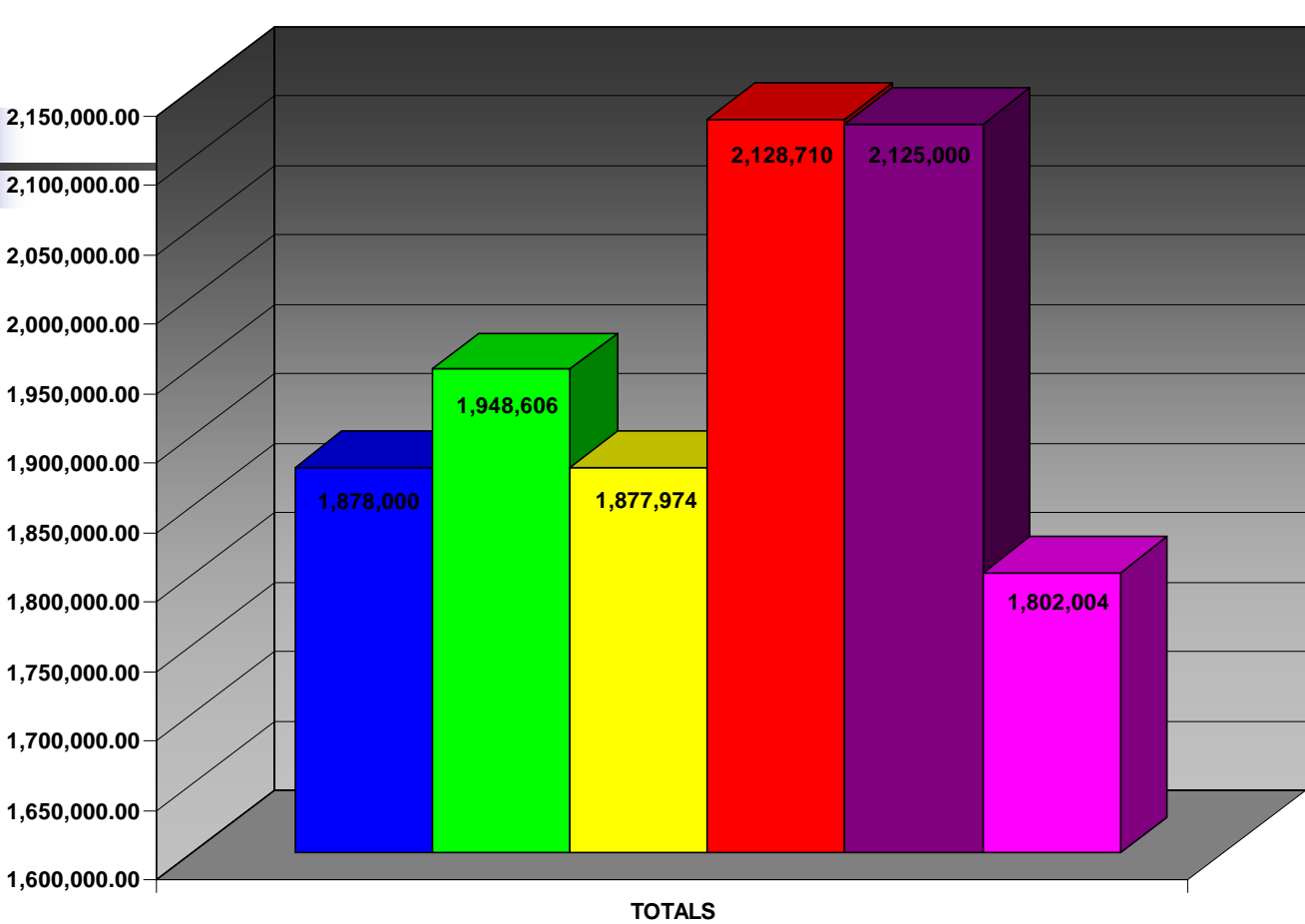
- Providing help with budgets, monthly reports and enforcement of regs. (4)..
Angela
- Provide entomological help, i.e. mosquito surveillance, technical expertise and training..James



Responsibilities, cont...

- State Grant monies...Angela
- \$1,802,004 to local programs, divided evenly to counties as per Chap. 388
- Licenses: Public Health Pest Control, Director's License...Joe and James
- 1446 PHPC total licenses, 145 this year, 39 PHPC training events this year

MOSQUITO CONTROL BUDGET TOTAL TRENDS





Responsibilities, cont...

- Hurricane preparedness
- MCIRT, mosquito control incident response team...
- 43 aerial spray missions were conducted in 26 FL counties, summer of 2004
- Over 8 million acres treated, with ~41,000 gal Dibrom (rate .65 oz/acre).

Identification and Counts

- Aliquots from collections counted and ID'ed to species.
- Final counts were recorded onto designated formatted Excel spreadsheets.
- $\% \text{ control} = 1 - (\text{post count} / \text{pre count})$
- **Overall Mission**
 $\% \text{ control} = \text{average of } \% \text{ controls from each trap site.}$





Hurricane support

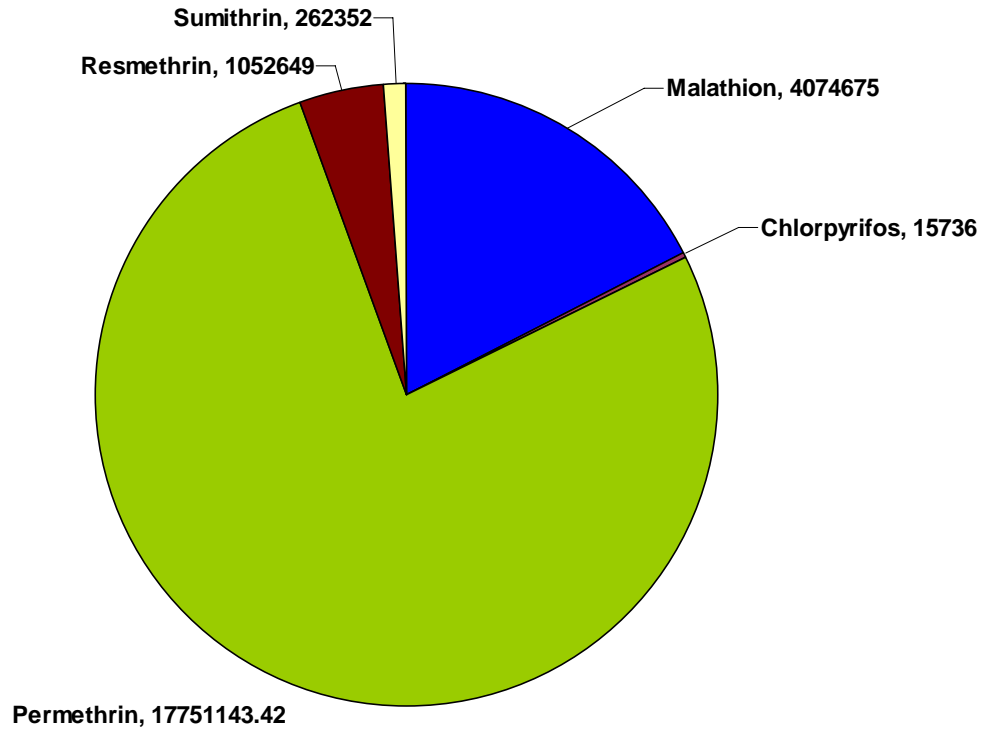
- State contracted aerial support as well as Dog Fly DC-3 aircraft
- Usually, FEMA reimbursed
- Very valuable to local counties who are in need of post-hurricane adulticiding



State Required Monthly Use Reports

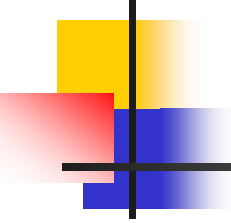
- Districts shall submit monthly chemical reports
- Districts shall submit monthly inventory reports
- Districts shall submit monthly financial reports
- All reports due within 30 days after the reported month ends

Florida FY 2004-2005
Ground Adulticiding
Acres Treated

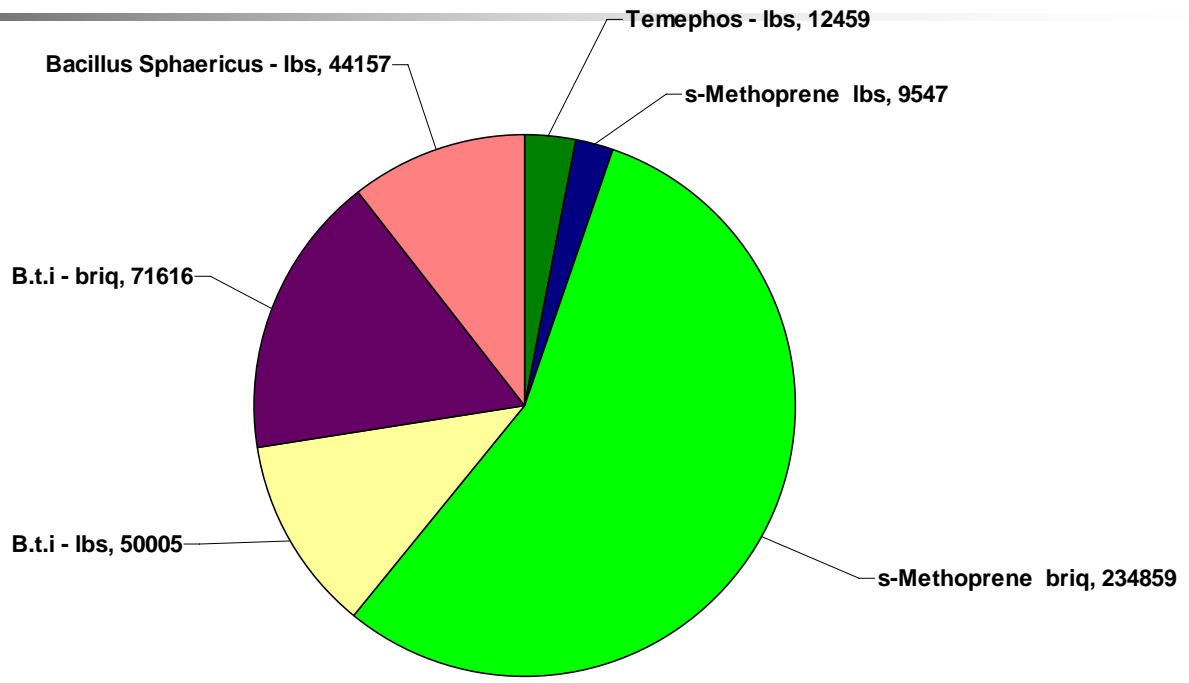


- Malathion
- Chlorpyrifos
- Permethrin
- Resmethrin
- Sumithrin

Florida FY 2004-05 Ground Larvicides Applied as Solids



- Temephos - lbs
- s-Methoprene lbs
- s-Methoprene briq
- B.t.i - lbs
- B.t.i - briq
- Bacillus Sphaericus - lbs



Florida FY 2004-05 Aerial Larvicide
Acres Treated
Solids

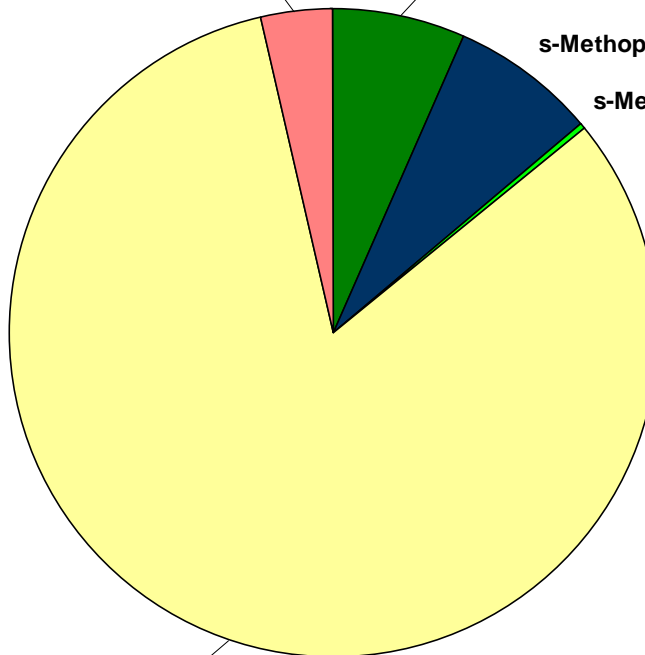
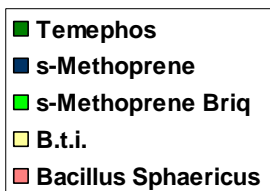
Bacillus Sphaericus , 4713

Temephos, 8803

s-Methoprene , 9843

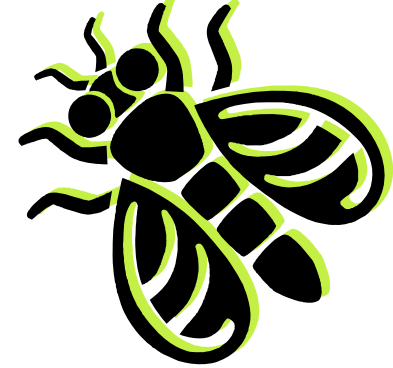
s-Methoprene Briq, 58

B.t.i. , 109712



Douglas DC-3





Dog Fly Control

- State owned DC-3
- Located in Panama City
- Program been in existence since 1960's
- Sprays dog flies, *stomoxys calcitrans*, in the fall when the north winds carry them south from L.A. and north Fl. to the beaches
- Sprays for adult mosquitoes for local Districts, through contracts, as needed basis







A Blast from the Past.....





FUTURE

- Reports from districts...all electronic
- Districts to use VCMS (vector control management system) for reporting and data sharing between State Agencies
- State mosquito surveillance system
- Provide the best and latest entomological training available!



NEW STATE BIRD---CRANE

