



# AllPro Products 2014

Joe Andrews

AllPro Vector Group

# Oil soluble

- Evoluer 4-4, Ready to Use
- Evoluer 30-30
- Evoluer 31-66
- Vectofos, Chlorpyrifos, OP

# Water soluble

- Envion 30-30, 2.52 lbs per gallon
- Aqualuer 20-20, 1.75 lbs/gal + orange oil
- Envion RTU, 4% water diluted



# Aqualuer 20-20

- Very stable when mixed with water
- May be diluted with oil or water
- Contains 1.75 lbs active
- Has been tested extensively by military
- Has performed very well under harsh conditions, dry and hot

# Provect Products

- Contain Temephos
- 1%, 2% and 5% granules
- Available in several granule formulations
- Provect 4E liquid
- Economical and cost effective for ground and aerial applications
- Temephos products will not be produced after the end of calendar year 2015

# Sustain MBG

- Extended release, BTI granule
- Corn cob granule layered with BTI particles
- Each layer is covered by water soluble film
- 5 layers, last layer is free BTI, provides immediate results
- Lasts 3-4 weeks



# Recent trials with Sustain

- Volusia County Mosquito Control, FL 3-4 weeks control of *O. taeniorhynchus*, 2012
- Harrison County Mosquito Control, MS 4-6 weeks against *Culex* larvae in septic ditches
- Lee County Mosquito Control, FL 3-4 weeks control of *O. taeniorhynchus* and *C. nigripalpus*, Captiva Island
- Tests completed in 2013 by Dr. Jane Bonds

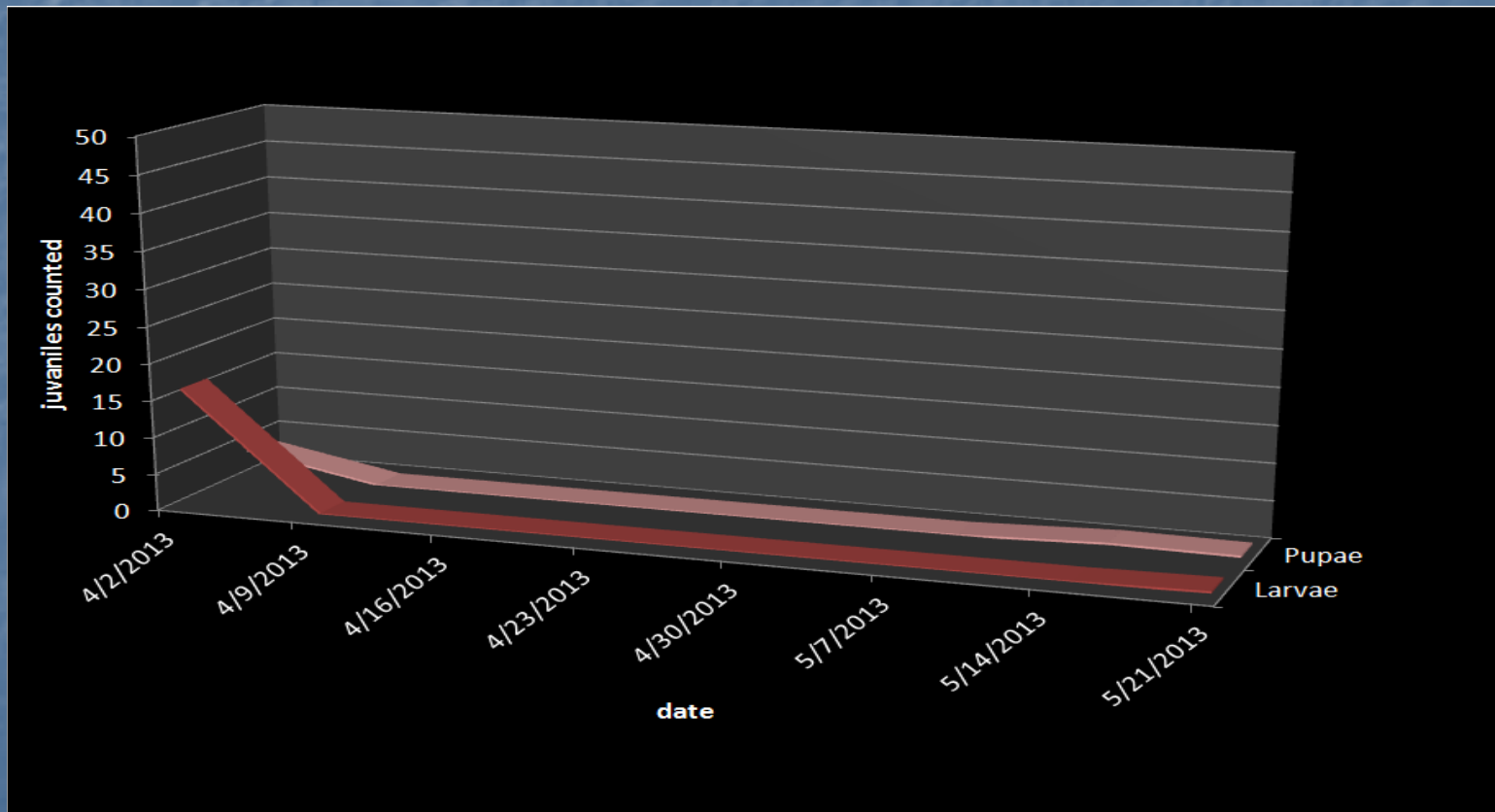
# Sustain MBG

- Can be applied as a preharvest
- Application rate varies according to site treated, but maximum label is 16 lbs/acre
- Septic ditches or areas with highly organic water should be treated at max rate.
- Available in 40 lb bags



## Harrison County, MS

The control at several sites was 4-6 weeks, maximum label rate was used.





## Bell Circle, Harrison County, MS

Highly organic run off water, Sustain MBG was applied at max rate, 16 lbs per acre. At the beginning of the trial, in both treated and untreated sites, the predominant species was Culex restuans Culex quinquefasciatus Other species, observed in at least one wooded site, were Psorophora ferox and Ochlerotatus sticticus.





## **Lee County Mosquito Control District**

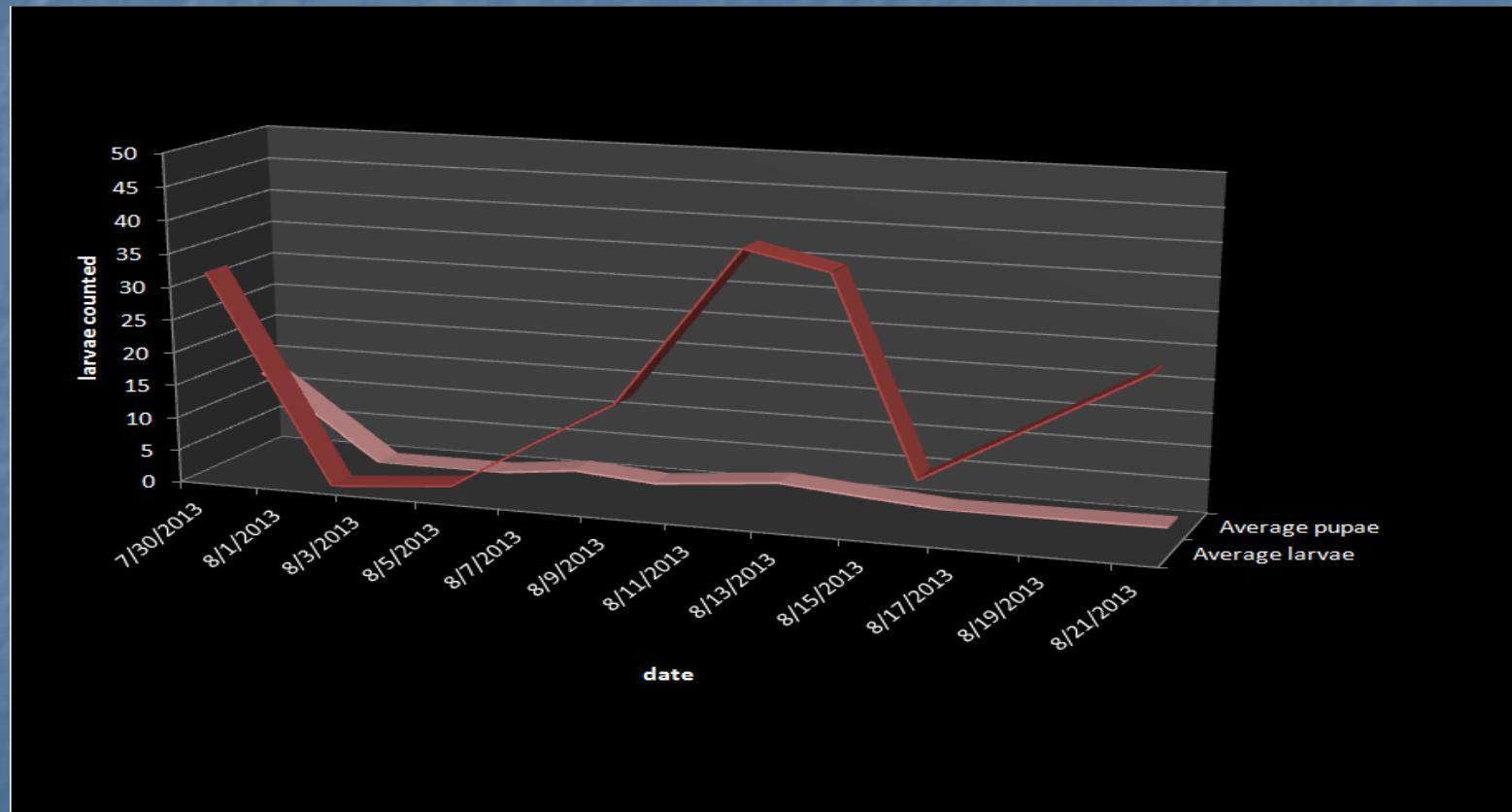
### **Mike Nichols, Jonathan Hornby**

Evaluated the performance and longevity of Sustain MBG applied at 8lb/ac to a mangrove residential community, *Culex nigripalpus* and *Ochlerotatus taeniorhynchus*. Control was maintained in the pupal population but at dry back larvae were found in a few small pools



## Lee County Florida

Pupae were suppressed for the duration of the project, there was a dry down on the 12<sup>th</sup> and 13<sup>th</sup> where larvae were found in small pools. Treated sites were flooded again on the 17<sup>th</sup>, and still showed control.



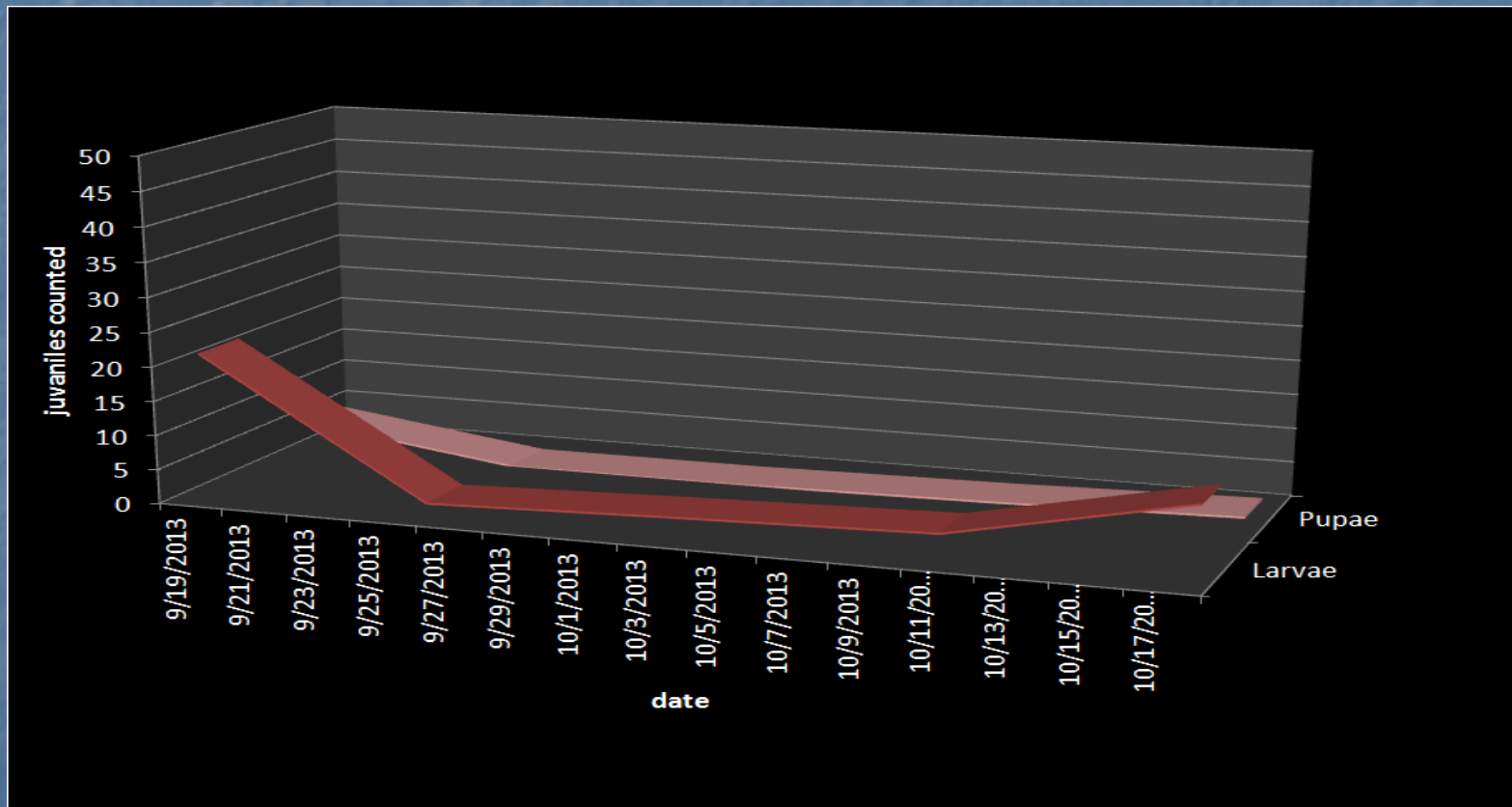
Tests done by Dr. Jane Bonds,  
Panama City Beach, FL

Sustain MBG at 10 lbs per acre

## Cypress Apartments

The Application rate was 10lb/ac

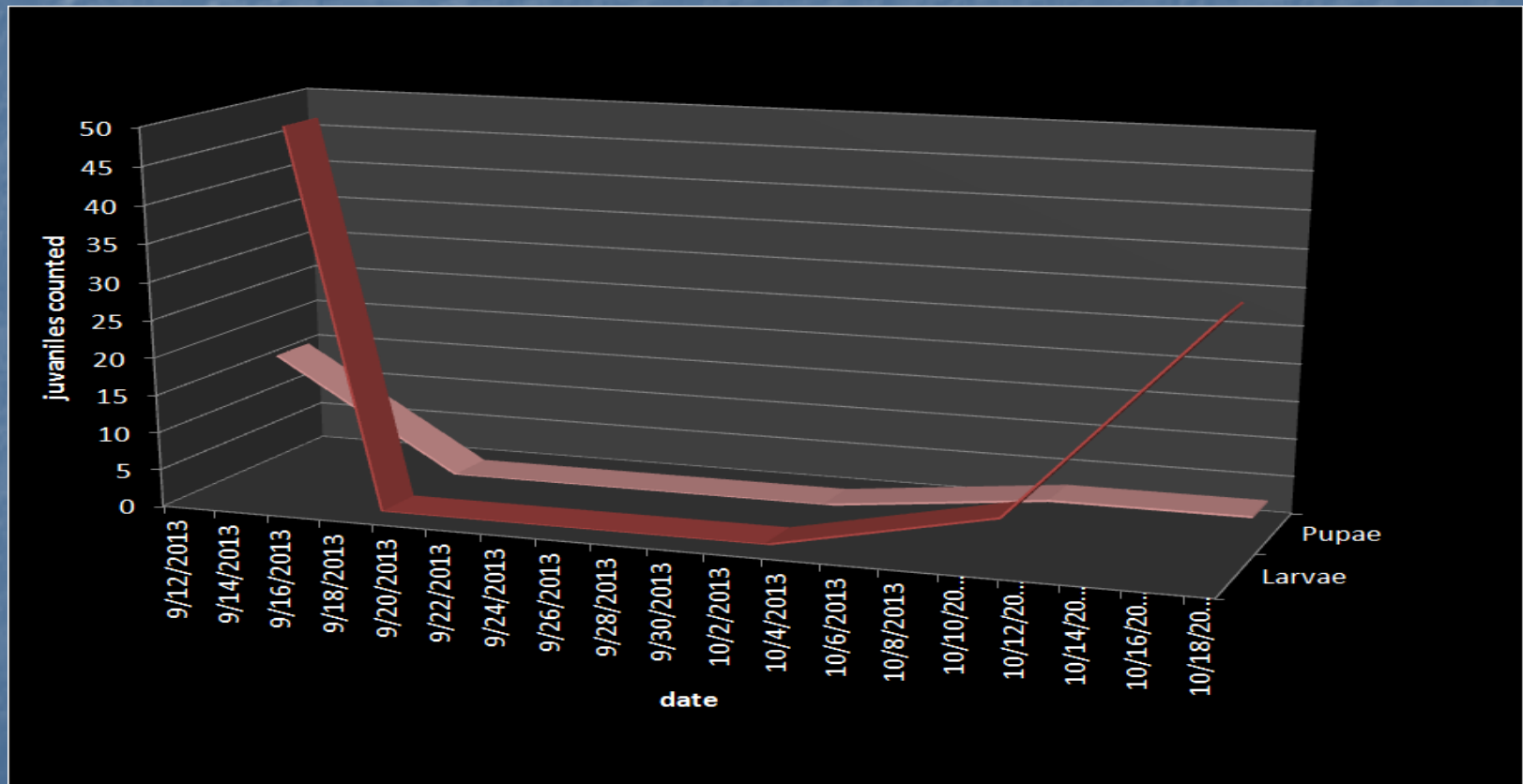
Again, at this site larvae were noted by the fourth week.





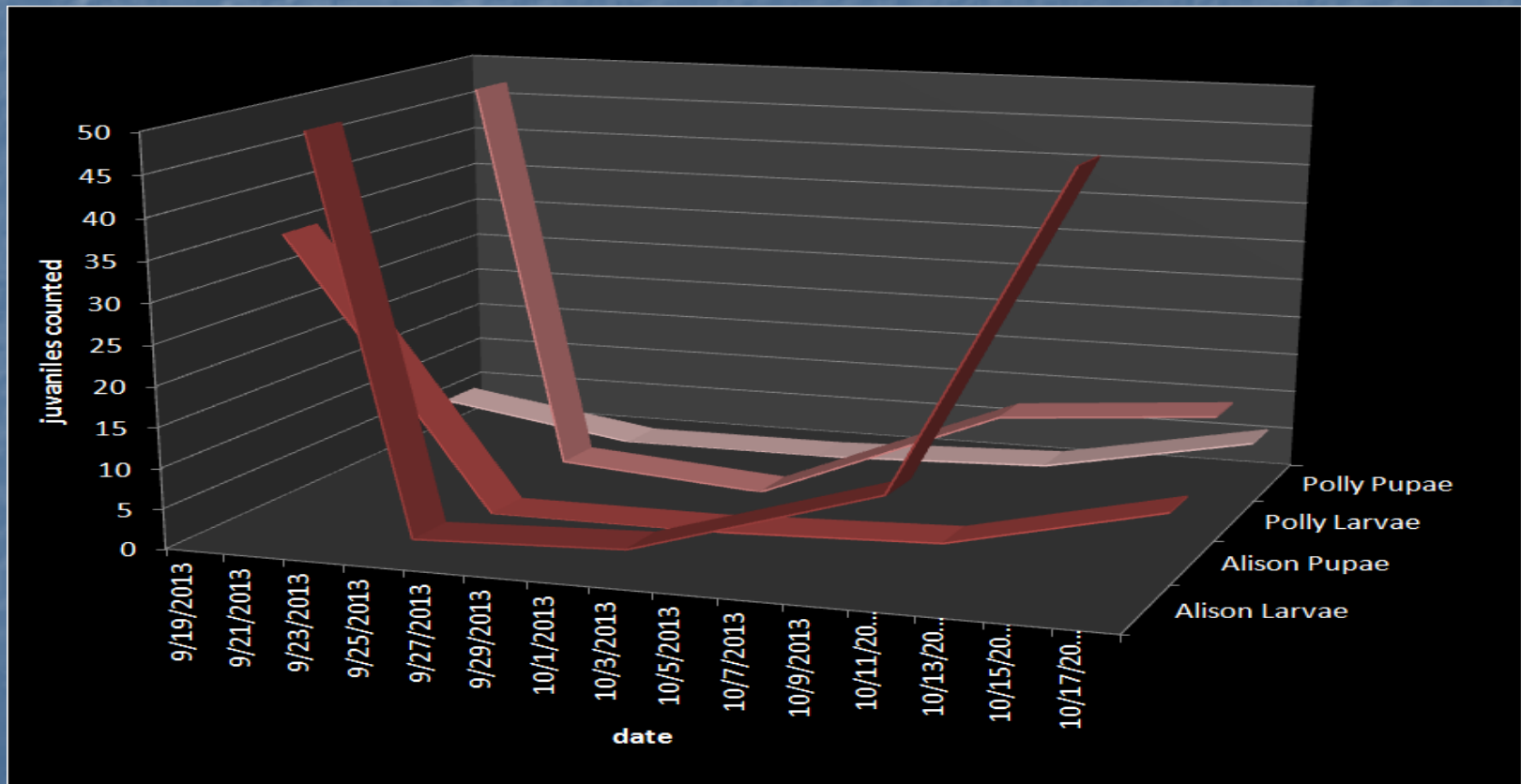
## Dorothy was the site that showed control for the longest period

The larval population returned at over four weeks, this site could have maintained control for the longest because of the low organic matter content



## Allison and Polly controlled larvae for just over three weeks

Allison showed the most marked larval population increase likely due to the high organic content of the water. Polly responded over the same time period and this was likely due to the increased depth at this site, which would have led to dilution of the formulation.





Thank You!

Labels and information available at:

[allprovector.com](http://allprovector.com)











# Envion 30-30

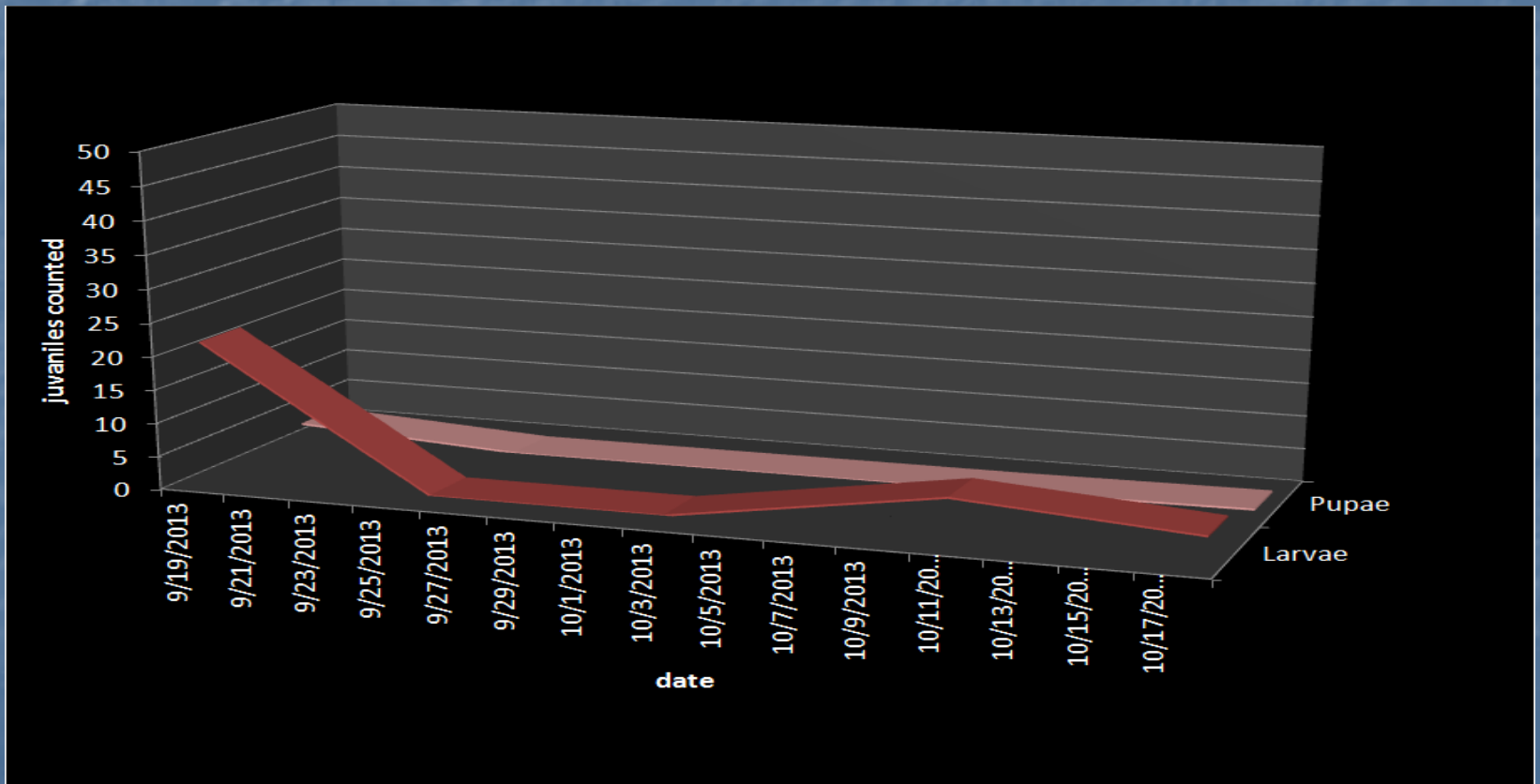
- Very stable when mixed with water
- May be mixed with oil or water
- Contains 2.52 lbs active
- Permethrin and Piperonyl butoxide
- Can be mixed and stored in bulk
- Economical and cost effective for ground and aerial applications



## Bose Allan Catch basins

The application rate was 10 lb/ac

By the fourth week larvae were returning to the site.







SPEED  
LIMIT  
15