## Central Life Sciences Presents

Altosid

8

Zenivex



#### **The Altosid Family**



### Altosid

**Equals** 

## What does this mean to you as the applicator?

Prevention means that you can:

Pretreat areas you know will breed

Treated areas will continue to prevent mosquito development even if they dry up



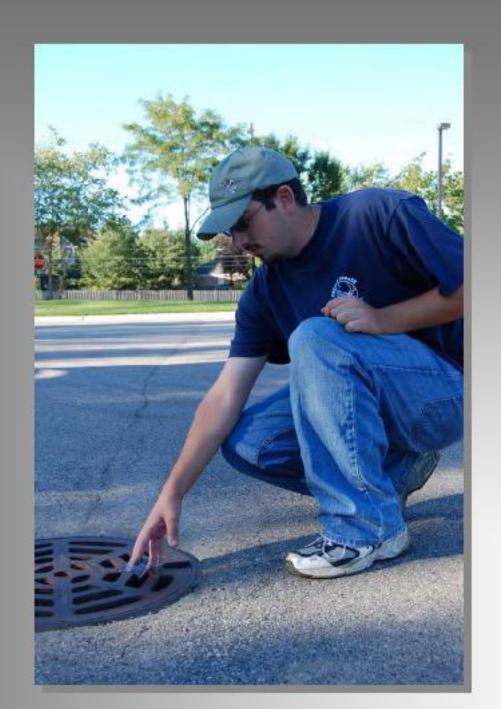
### Altosid

Equals

## Efficiency/

## What this means to you as the applicator is:

- Breeding areas can be treated and will not present a problem for 7-10 days or more
- Provide more surveillance & have time to treat additional locations.



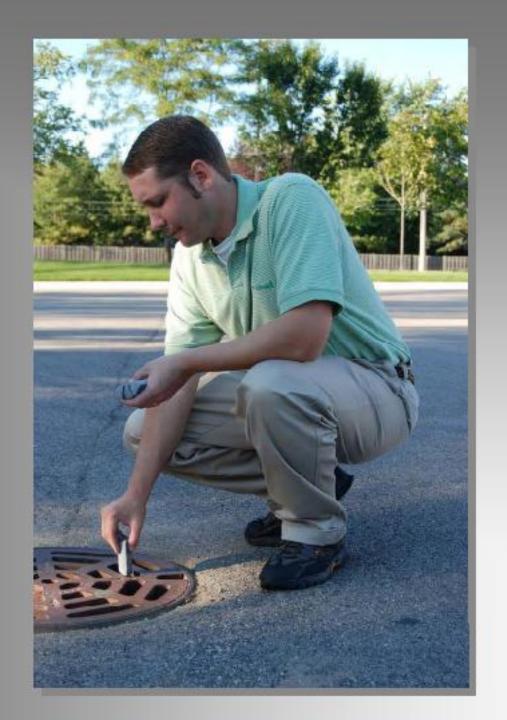
## Altosid

**Equals** 



#### What this means to you is:

- Reduce labor costs due to less applications of larvicides
- Allows technicians to focus on other areas or issues.



## Altosid

**Develops** 

## Confidence

#### What this means to you is:

• Altosid products will perform for a week or even months without you having to repeatedly check the areas to evaluate results.

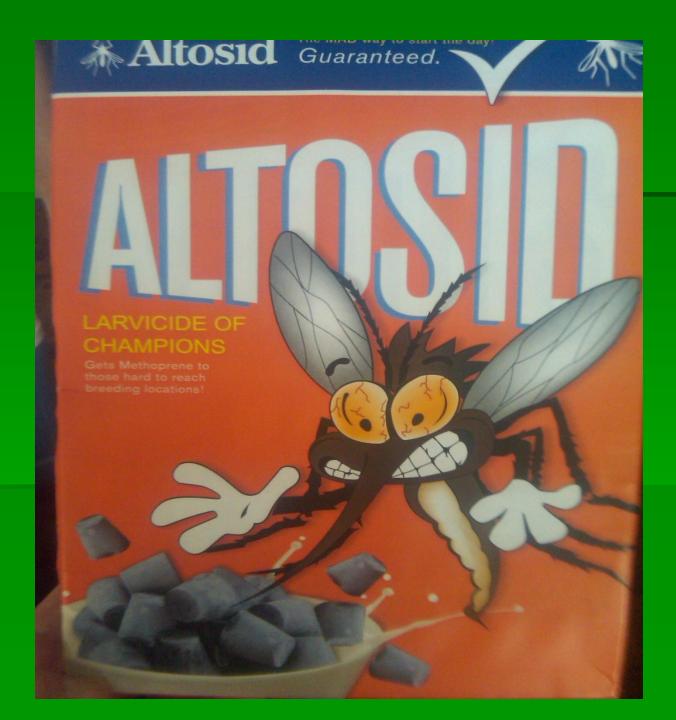




## ALTOSID LARVICIDE FORMULATIONS

- Altosid XR Briquets
- Altosid 30 Day Briquets
- A.L.L. Concentrate (SR20)
- A.L.L. (SR5)
- Altosid Pellets
- Altosid SBG Granules
- Altosid XR-G Granules
- Altosid WSP



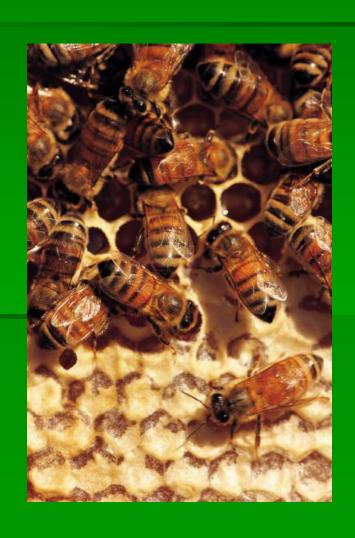




#### **Mavrik Perimeter**

- Exceptional Plant Safety
- Virtually Odorless with No Visible Residue
- Labeled for Mosquitoes
- Low Application Cost
- May be stored overnight

#### Mavrik will not harm Honeybees once it has dried





Introducing a New Molecule to Mosquito Control

#### Etofenprox



#### **Chemical Classification**

- Etofenprox is classified as an ether pyrethroid
- All commercially available mosquito pyrethroids are ester-pyrethroids
- As an ether pyrethroid it does not fall into current EPA review of traditional pyrethroid chemistries
- Molecule contains only carbon, hydrogen, and oxygen





#### **ETOFENPROX**

#### **PERMETHRIN**





#### **Etofenprox Mode of Action**

- Similar mode of action to traditional pyrethroids
  - Sodium channel blocker
  - Contact or ingestion toxicant
  - Quick, permanent knockdown





#### **Etofenprox Toxicology**

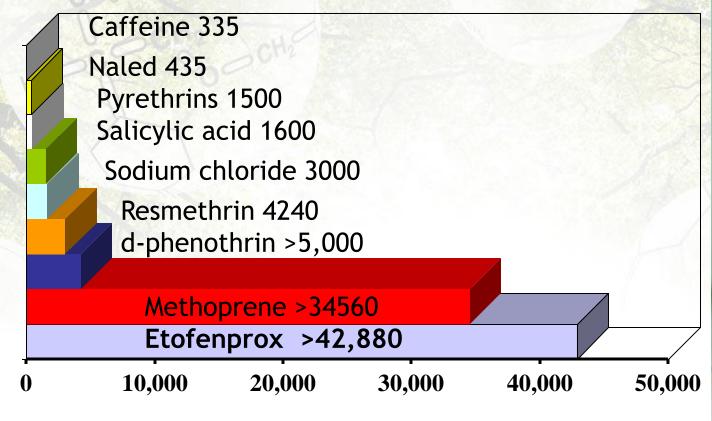
- Very low mammalian toxicity
- Low avian toxicity
- As with pyrethroids, mindful of fish and freshwater invertebrates
- EPA classifies it as "Reduced Risk Pesticide" for mosquito control





#### Etofenprox

Larger value = Least toxicity



Oral LD<sub>50</sub> (mg/kg) Rat







Mosquito Adulticide from Central Life Sciences, the makers of Altosid®, a trusted name in mosquito control.



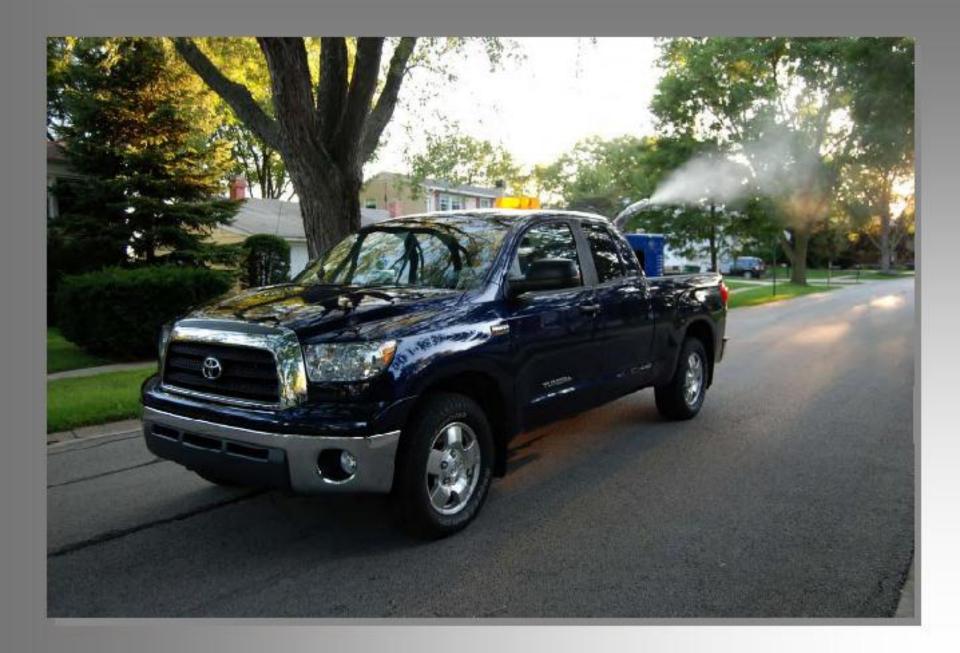


#### Zenivex<sup>™</sup> Formulation

- 1.5 lb. Etofenprox per gallon
- 20% Etofenprox by weight
- Oil based formulation for ULV: use either undiluted or diluted
- No synergist, that is, no PBO
- Packaged in 2.5 gallon jugs and 30 gallon drums
- Drums will use a closed dispensing system and will be returnable at users option









## Mosquito Control Programs Using Zenivex

- Chatham County, GA
- Charleston County, SC
- City of Chesapeake, VA
- Prince William Co., VA





# We would like to thank you for your business! It is much appreciated!



