



# The Altosid Family



# 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



# Altosid

Equals

# Prevention

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

- You can treat areas that will support mosquito breeding when flooded and be confident that adult development will not occur for 7 days or more.

# Altosid

Equals

# *Efficiency*

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

You can treat critical mosquito breeding locations knowing that these areas will not present a problem for 7 days or more and then move on to other issues or areas that need attention.

# Altosid

Equals

Labor Cost Savings



# What this means to you is:

- That since labor is a mosquito control agency's largest expense, using products that last a week or more keeps technicians from repeatedly treating the same areas and allows them to focus on other areas or issues.

# Altosid

Develops

# *Confidence*

# **What this means to you is:**

- You can use Altosid products and know that they will perform for a week or even months without you having to repeatedly check the areas to evaluate results.



# Introducing...

## Zenivex<sup>TM</sup> E20

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

Zenivex is a trademark of Wellmark International dba Central Life Sciences.  
©2008 Wellmark International.  
Always read and follow label directions.

## Zenivex<sup>TM</sup> E20

# **Etofenprox**

## **Mode of action**

- Similar mode of action to traditional pyrethroids
- Sodium channel blocker
  - Hence the broad spectrum of activity
- Contact or ingestion toxicant
- Quick, permanent knockdown

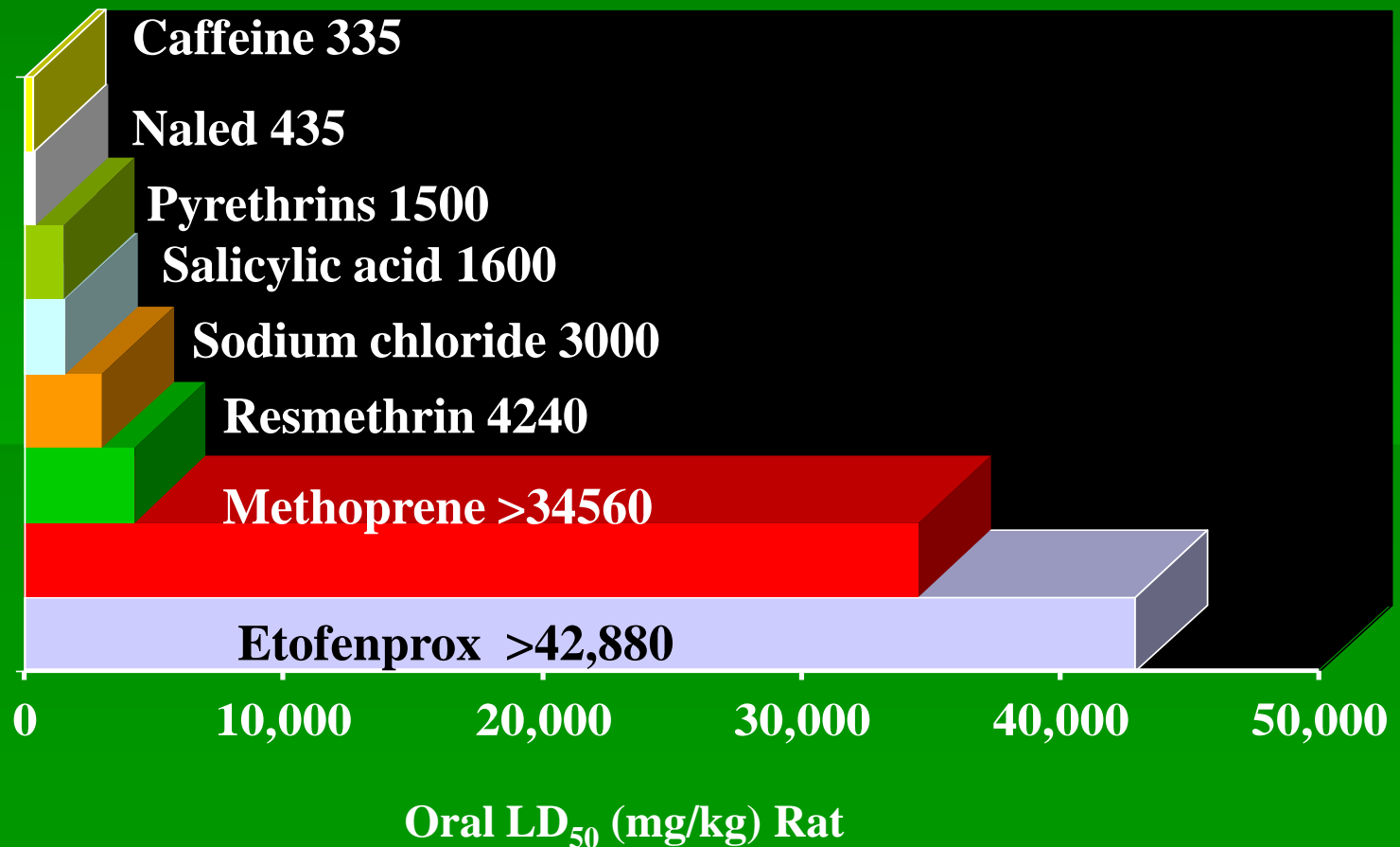
# **Etofenprox**

## **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

# COMPARITIVE ACUTE TOXICITIES

Larger value = Less toxicity



# Zenivex formulation

- 1.5 lb. Etofenprox per gallon
- 20% Etofenprox by weight
- Oil based formulation for ULV: neat or diluted applications
- No synergist, that is, no PBO
- Packaging will be 2.5 and 30 gallon containers.
- 30's will be closed loop returnable/refillable
- RTU formulation in 2010



# Zenivex Label Highlights

- Application rates: 0.00175, 0.0035, 0.007 pounds etofenprox per acre
- Aerial, vehicle mounted ground, or hand applied applications
- Droplet range for ground is 10-30 microns
- Droplet range for aerial <60 microns
- No aquatic set backs
- Signal word: Caution

# We Thank You For Your Business !



**CENTRAL** *Life Sciences*

# Altosid 30 Day Briquets

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# Altosid XR Briqueets

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# ALTOSID XR BRIQUETS APPLICATION SITE





# Storm Drains



# Altosid® XR “ingot” briquet.





# Catch Basins





# **Altosid Liquid Larvicide**

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# Altosid A.L.L.

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- Woodland pools & meadows
- Ricefields
- Dredge spoil sites
- Other man made depressions
- Manufacturing Altosand

# Floodwater Sites

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# Altosid Pellets

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# Retention Ponds





# Woodland Pools



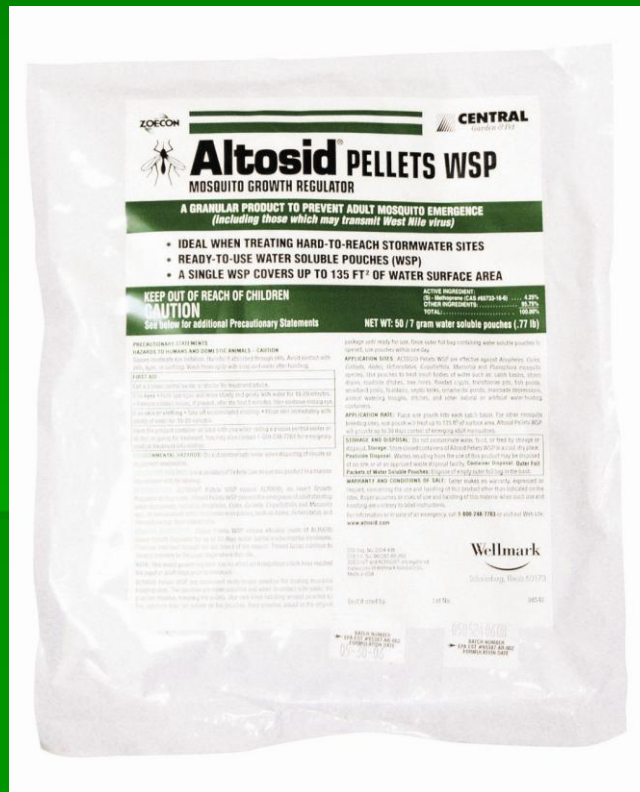


# Floodwater Sites

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# Altosid WSP





# Catch Basins





# Altosid XR-G

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# Meadows





# Retention Pond with Cattails



# Tire Piles

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# **Altosid SBG**

## **Single Brood Granule**

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# Temporary Breeding Sites





# Temporary Breeding Sites

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# Tidal Salt Marshes

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**Why do I need all  
these formulations?**

**What does having all these  
formulations mean to YOU?**

# QUESTIONS ?

