

# **BASF Sponsored Educational Seminar**

**December 6, 2006  
Clewiston, FL**

**(Notes by Charles Mellinger)**

## BASF Attendees & Presenters:

Richard Warriner, Alverde, Insecticide Production Manager  
Harold Koehle, Plant Health Specialist  
Leon Troutman, East Coast Regional Sales Manager  
Galen Pfiffer, West Florida Salesman  
Paul Johnson, Business Development Manager

### A. Alverde SC – metaflumizone – new insecticide

- Registered in 2007, Quarter #1
- Controls all worms & some beetles, is non-systemic
- Crops for initial registration:
  - o Lettuce/leafy vegetables, tomato/fruited vegetables, cabbage/cole crops, potatoes
- 16 oz/Acre rate is labeled for worms

### B. Activity – When moved further into the leaf can also get some stinkbug control & increased efficacy

- Worm feeding stops in 12 hrs and beetle in 6 hrs after application; insect may take 4 days to fall off plant
- Photolysis degrades it
- Potential reduced risk candidate by EPA
- Southern Armyworm more susceptible than Beet Armyworm
- Rainfast in 1-2 hrs; residual for 7-10 days
- PHI: 3 days; 12 hr REI
- No contact activity, must be ingested
- 30 day plantback restriction for non-labeled crops
- No effect on beneficials
- Excellent applicator safety

### C. Harold Koehle – Plant Health Research

- Discussed the plant health benefits resulting from (an) application(s) of pyraclastrobin – Headline and Cabrio which can result in increased yields & quality, most often when crops experience stress
- Presented information of the mechanism in plants regarding this benefit