

CHEMINOVA, INC.

RICHARD E. MYERS

TOPGUARD

- FOLIAR FUNGICIDE
 - SOYBEANS
 - PEANUTS
 - SUGARBEETS
 - WHEAT
 - APPLES
 - GRAPES

VINCIT

SEED TREATMENT

- WINTER WHEAT
 - BUNTS AND SMUTS
- SPRING WHEAT
 - ROOT ROTS
- SPRING BARLEY
 - COMMON SMUT

Fungicide Registration Status

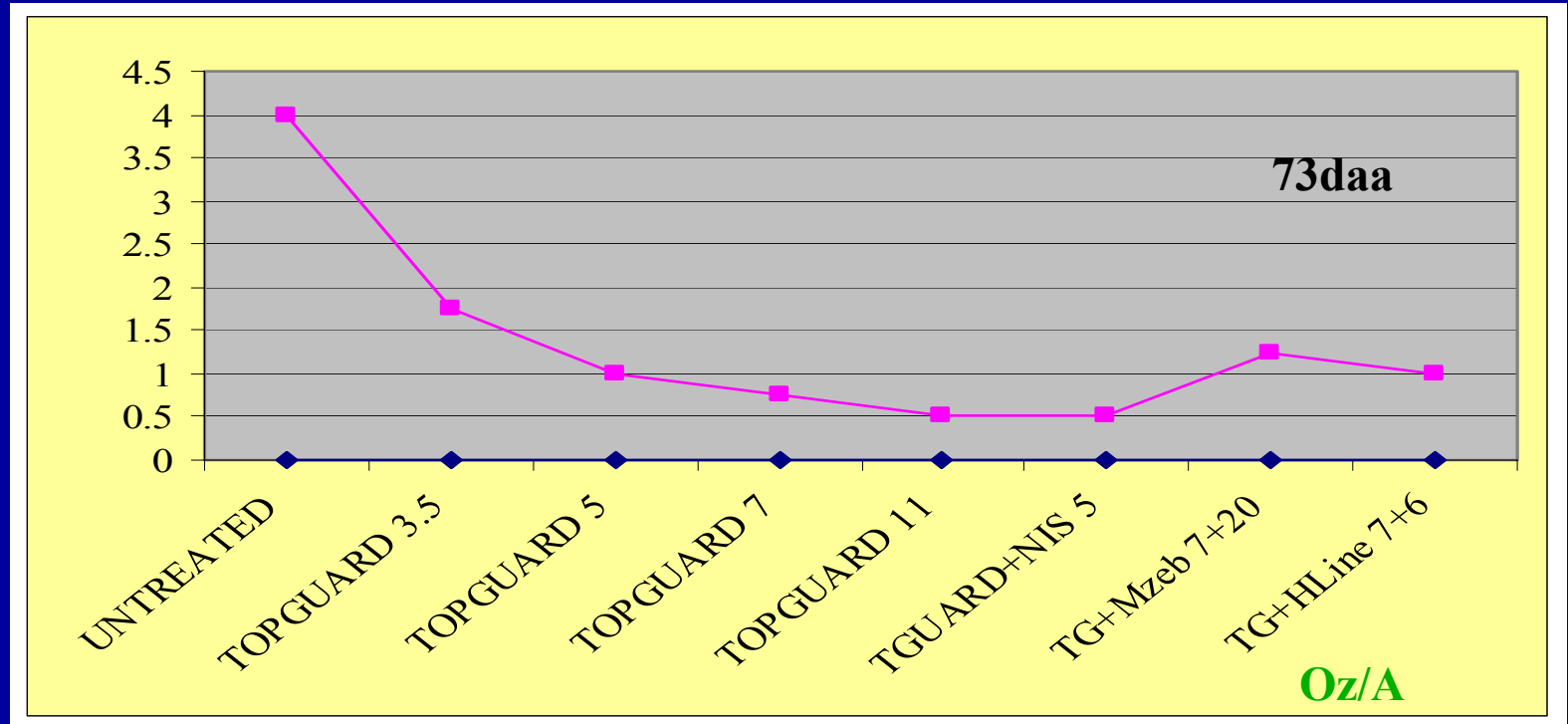
- TOPGUARD –approved Section 18 in Dec. 06 for Foliar application to Soybeans for control of Asian Soybean Rust.
- Louisiana's Section 18 is in line.
- No Section 3 approved to date

TOPGUARD Results 06

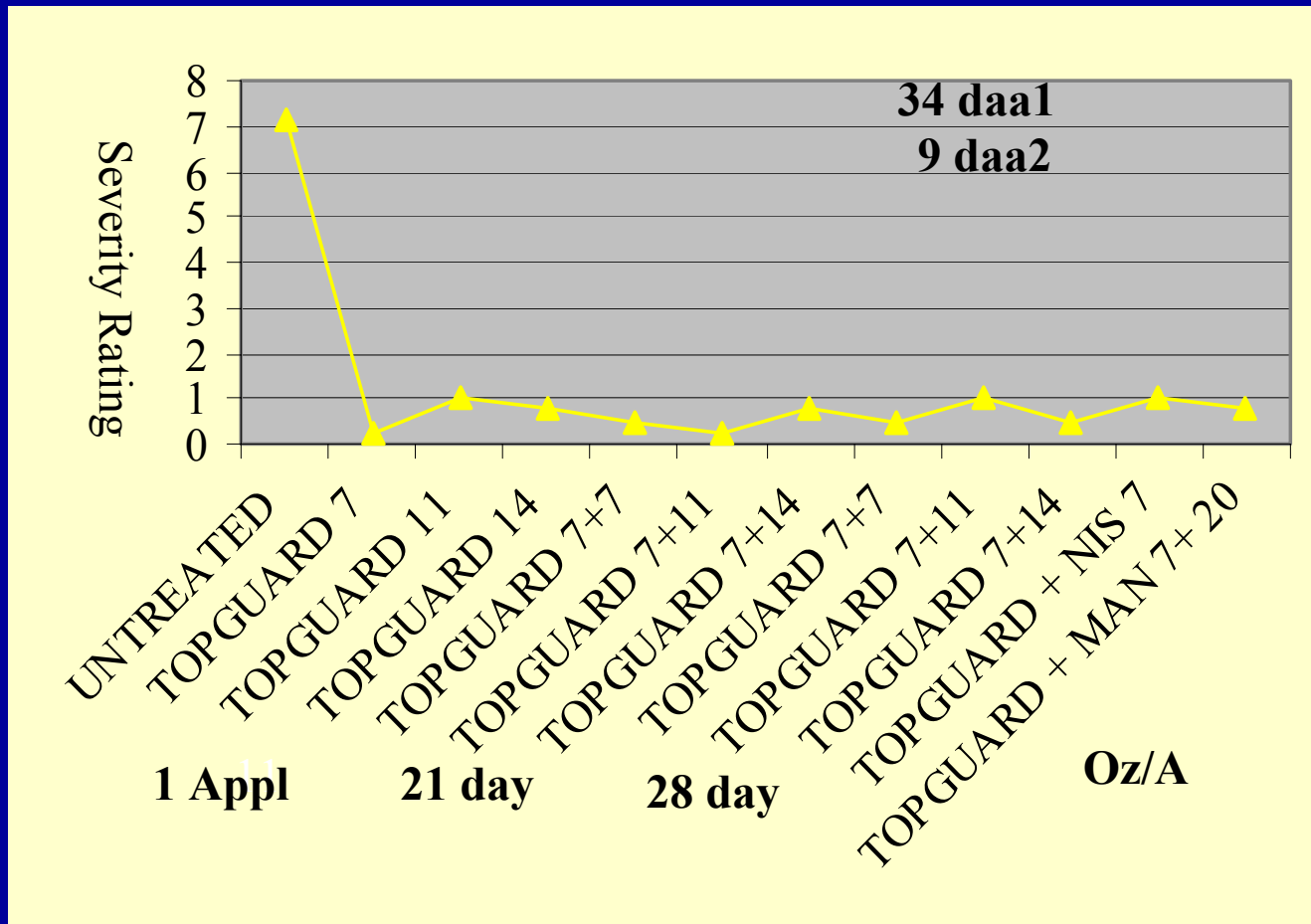
Soybean Rust-FL TOPGUARD 7 Oz/A



Soybean Rust Severity Rating Florida-Rate Study



Soybean Rust Severity Rating-LA Lower Canopy



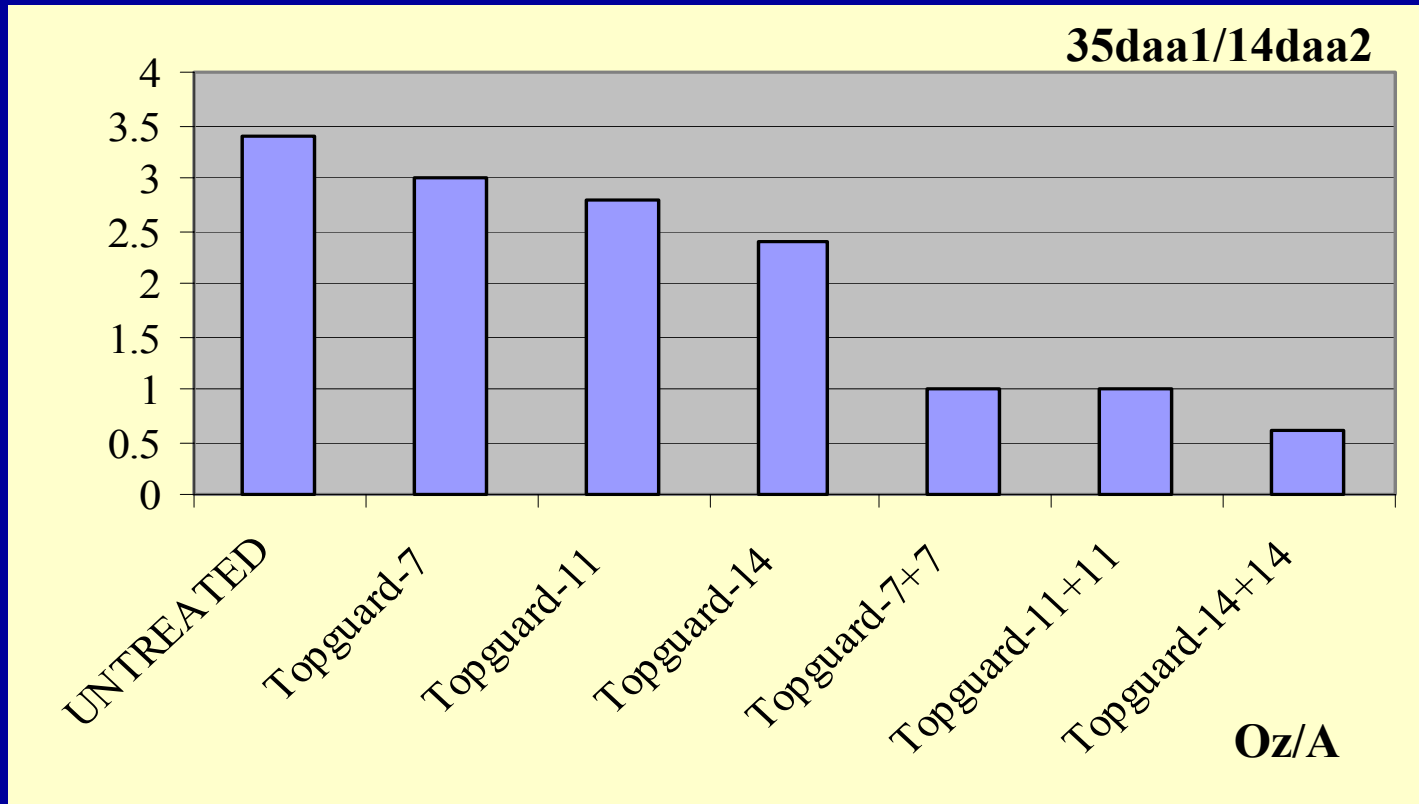
TOPGUARD

Frogeye Leaf Spot-Cercospora sojiana



TOPGUARD

Frogeye Leaf Spot-SEMO-06



TOPGUARD Peanut Leaf Spot

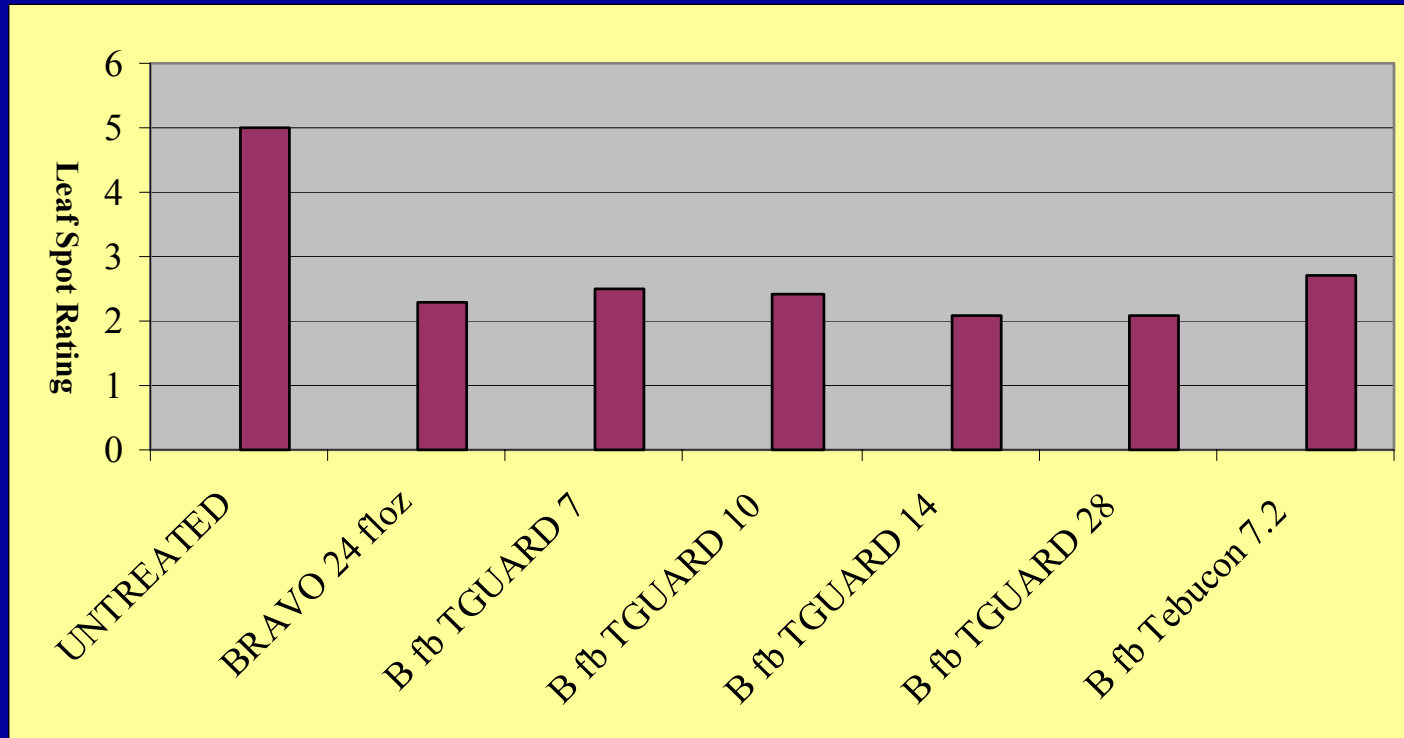


TOPGUARD Peanut Leaf Spot-AL

- TOPGUARD was applied in a program sequence with Bravo
- Rates from 7 to 28 Oz/A
- Bravo was applied @35 dap for 2 applications, fb TG for 3 applications, fb Bravo for 2 applications.
- Treatments on a 14-day schedule/15gpa
- Leaf spot ratings on scale of 1-10 made, 1= no disease, 10 = dead plants

TOPGUARD Peanut Leaf Spot-AL

Leaf Spot Ratings (1-10)-9/13/06

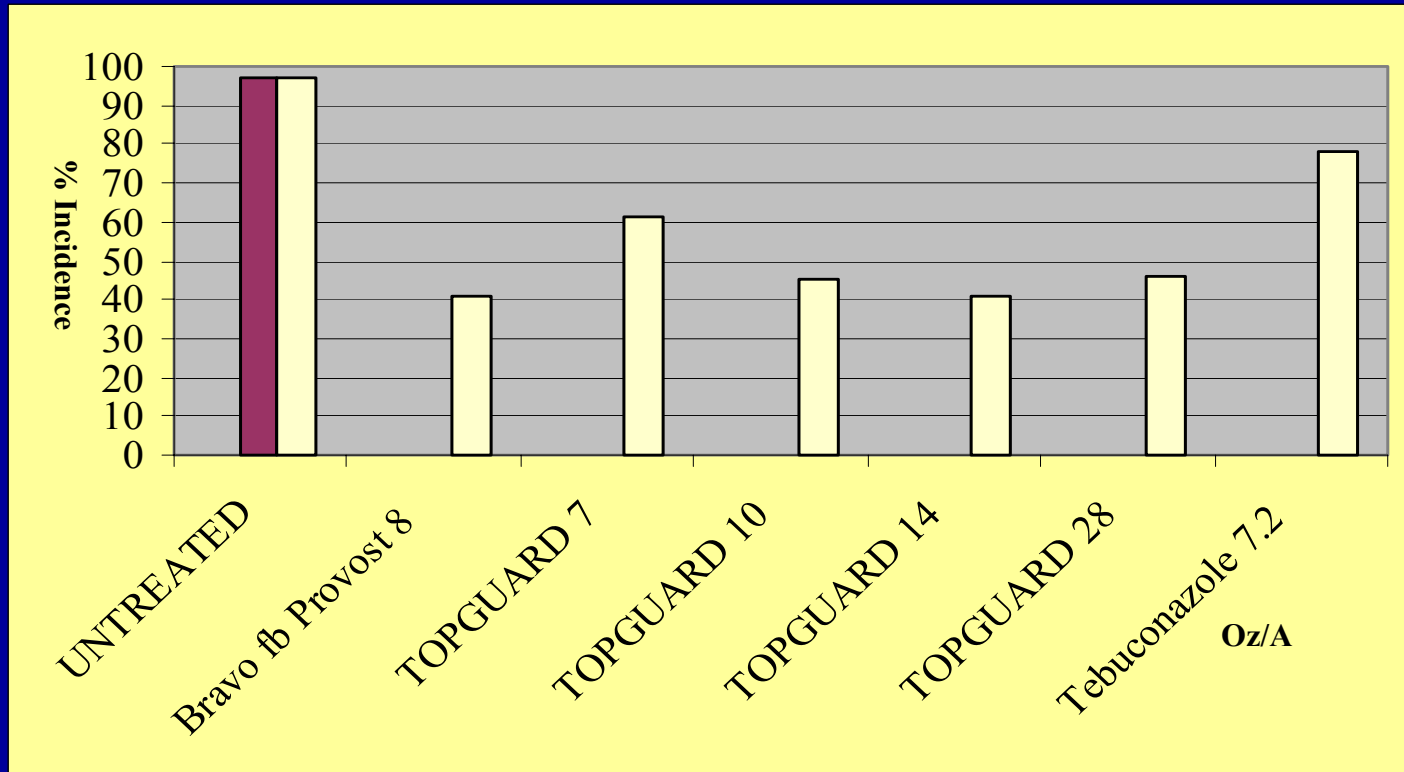


TOPGUARD Peanut Leaf Spot-NC

- Five applications were made
- Rates of 7 to 28 Oz/A-14-day schedule
- Bravo fb Provost (Prothioconazole + Tebu)
- % incidence

TOPGUARD Peanut Leaf Spot-NC

% of leaflets with at least one spot-10/10/06



TOPGUARD Peanut Leaf Spot-NC

TOPGUARD 10 Oz/A-5 applications

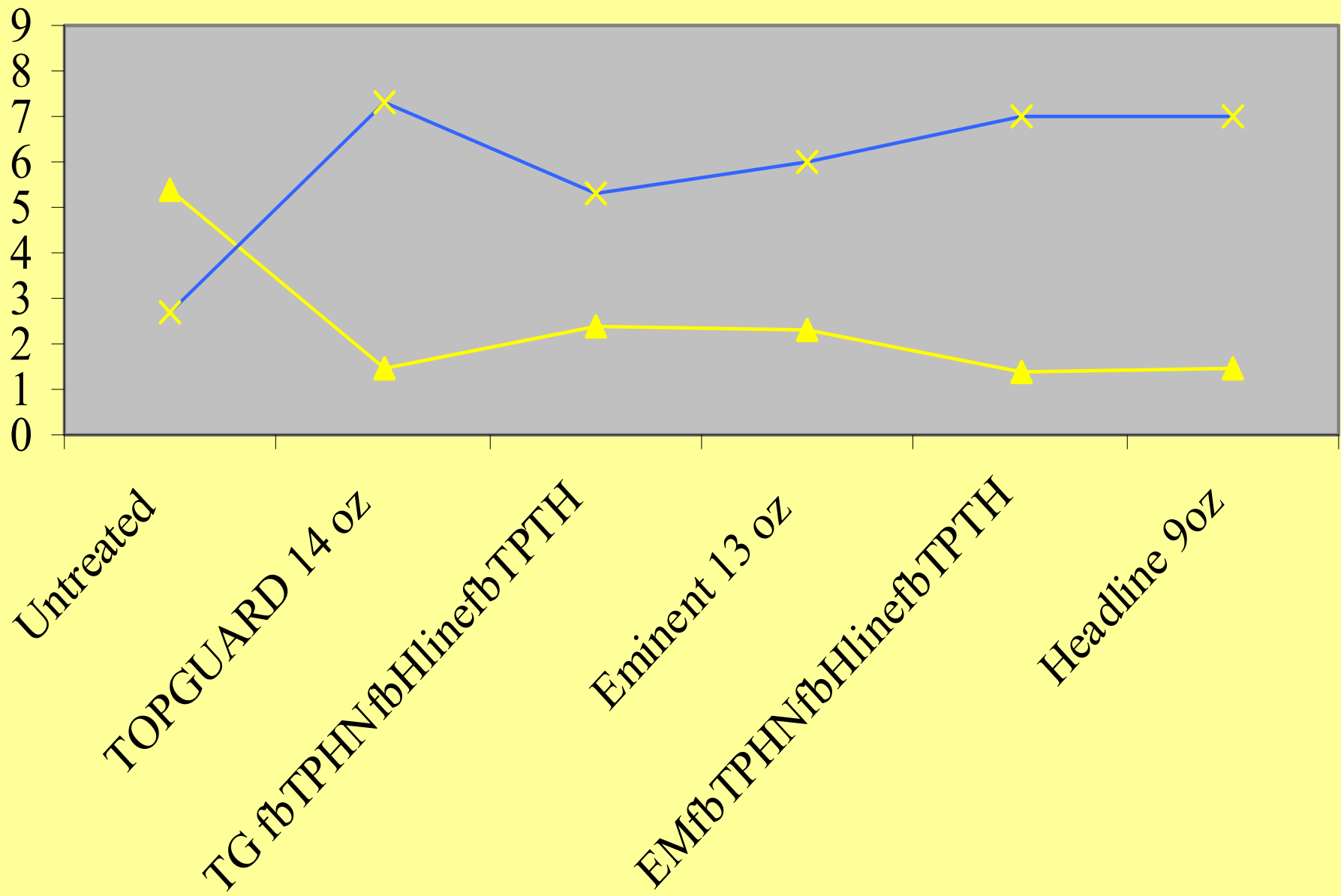


TOPGUARD

Sugarbeet Leafspot



UC Statewide IPM Project
© 2000 Regents, University of California



TOPGUARD Apple



TOPGUARD Grape



TOPGUARD WHEAT FOLIAR

LOUISIANA -- Winter Wheat		
TOPGUARD FUNGICIDE	YELLOW RUST	
DR. BOYD PADGETT	WINNSBORO, LA	
TREATMENT	DISEASE	HARVEST 5/12
	RATING 4/19	ADJ. YIELD
1. TOPGUARD 7 fl.oz./ac. fb TOPGUARD 7 fl.oz./ac.	1.0	95.2 bu./ac.
2. TOPGUARD 10 fl.oz./ac. fb TOPGUARD 10 fl.oz./ac.	0.5	92.3 bu./ac.
3. TOPGUARD 14 fl.oz./ac. fb TOPGUARD 14 fl.oz./ac.	0.8	98.6 bu./ac.
4. UTC	87.5	69.05 bu./ac.

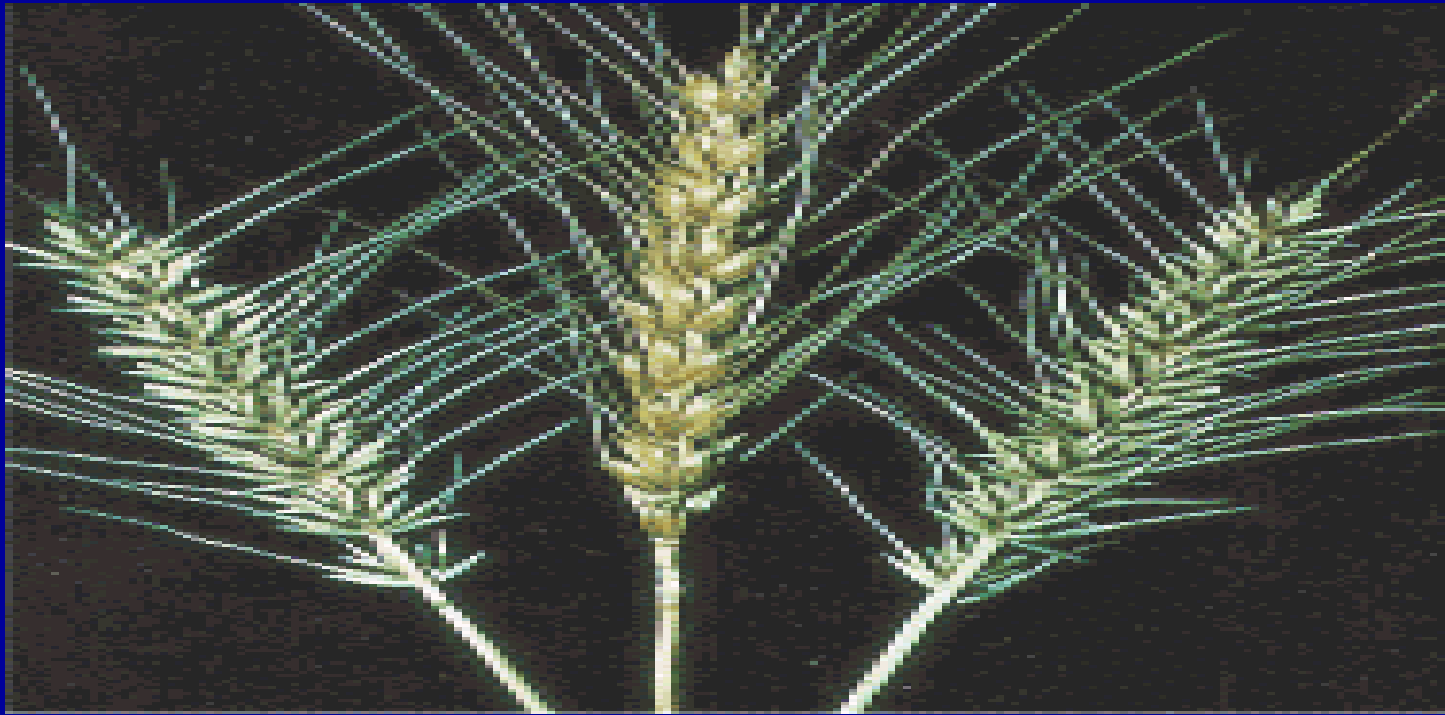
APPLICATION -- A MADE 3/13/06

14.6 GPA with CO2

APPLICATION -- B MADE 3/29/06

VINCIT SEED TREATMENT

Wheat Montana-Common Bunt



Vincit performed equally to Raxial/Dividend

All treatments resulted in increased yields

VINCIT FS SEED TREATMENT

Barley ST Montana-Loose Smut



Vincit FS 3.07 oz/cwt provided effective control comparable to Raxil MD Extra
No differences in emergence, stand count, or yield

TOPGUARD and VINCIT Results 2006

- Performance in all crops and pests was equal or better than competition.
- Need to continue to build our data base on each crop and disease
- Good year for TOPGUARD and VINCIT
- CHEMINOVA WILL WORK FOR FULL REGISTRATION.

Cheminova's New Small Grain Herbicide



ACCURATE[®]
INNOVATIVE PROTECTION



Metsulfuron[®]

11.12.2006 15:23



ACCURATE

- **Common name is metsulfuron-methyl**
- **member of sulfonyleurea herbicide family**
- **introduced in 1984 by DuPont**
- **has PRE & POST activity**

ACCURATE

- **formulated as 60 WG**
- **selective on small grains**
- **use rate of 1/10 ounce/A**
- **controls several broadleaf weeds**
- **good mixing partner**
- **use on pastures**

ACCURATE

SMALL GRAIN HERBICIDE

ZORO

- **Cheminova's intro to miticide market**
- **abamectin is the active ingredient**
- **a mixture of avermectins**

ZORO

- avermectins are insecticidal compounds
- derived from the soil bacterium *Streptomyces avermitilis*
- Abamectin is a natural fermentation product of this bacterium

ZORO

- **contact or ingestion toxin that paralyzes juveniles and adults; death by starvation**
- **registration timetable is Jan 07-CA estimated 2 Q 2007**
- **restricted use pesticide-toxic to fish, mammals, & aquatic organisms**

ZORO

- **Formulated as a 0.15 EC**
- **Moderately toxic-signal word of Warning**
- **labeled on numerous crops**
- **active on mites. leafminers, thrips**
- **rates range depending on pest/crop**

ZORO

- Registration on a variety of crops including nut, fruit, citrus, vine, numerous vegetables, & cotton
- Controls various mites-spider mites, red mites, bud mites, Russet mites, yellow mites, rust mites
- Controls Colorado potato beetle, leafminers, thrips, pear psylla, Asian citrus psylla, tomato pinworm, diamondback moth

ZORO

- Tree/vine crops rates from 8-20 fl oz/A & range from 20 to 40 fl oz/A during growing season
- Rates for cotton range from 4-6 fl oz/A early & 8-16 fl oz/A mid-late season

ZORO

- Citrus is limited to 1 application/year and a total of 20 fl oz/A per growing season
- Vegetable crops rates range from 8-16 fl oz/A & a total of 32 fl oz/A during growing season

CONTINUE TO MARKET

- METHYL 4E (Methyl Parathion)
- FYFANON ULV (Malathion)
- DIMETHOATE 4E
- COURAZE 2F,Max 4F (Imidacloprid)
- NUFOS (Chlorpyrifos)
- ACEPHATE 90SP and 75SP
- GLYFOS Formulations (Glyphosate)

CHEMINOVA

“Helping
Farmers
Grow”