



Louisiana Consultant Meeting

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Industry Update
2-11-10



The Next Generation-Low Use
Fungicide with
Xylem-Pro Mobility
Features and Benefits



Evito™ - Overview

- Active ingredient - **fluoxastrobin**
- Attributes
 - Next Generation Fungicide
 - Low Use technology
 - 2 oz/A
 - More Acres per container
 - Plant Health Effects
 - Plant Mobility
 - Rapid Rainfastness-15 minutes
 - Plant Redistribution
 - Extensive Spectrum Activity
 - Effective on all fungal diseases
 - Excellent Soil-borne activity
 - No phyto all crops



Unsprayed

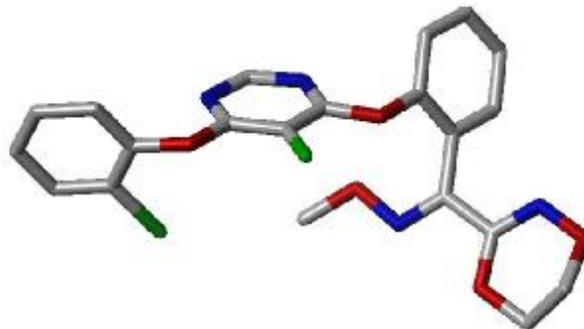
Evito™



Evito™

Evito™-“Next Generation Strobilurin”

- Kresoxim-methyl (Sovern): BASF, 1996
- Azoxystrobin (Quadris): Syngenta, 1997
- Trifloxystrobin (Flint/Stratego): Syngenta/Bayer, 1999
- Pyraclostrobin (Headline): BASF, 2000
- **Fluoxastrobin (Evito): Arysta, 2005**



Evito™

Evito™ - “Low Use Technology”

- Features

- Highly concentrated formulation

- 4lb ai/gallon (Evito) vs 2 lb ai/gallon (Headline or Quadris)
- 2oz/A product vs 6 oz/A product

- More active molecule

- Evito 2oz/A= 0.06 lb ai/A
- Headline 6oz/A= 0.10 lb ai/A

- Benefits

- Less volume to pour
- More acres per gallon
- Less product to handle



Evito™ - “Plant Mobility”

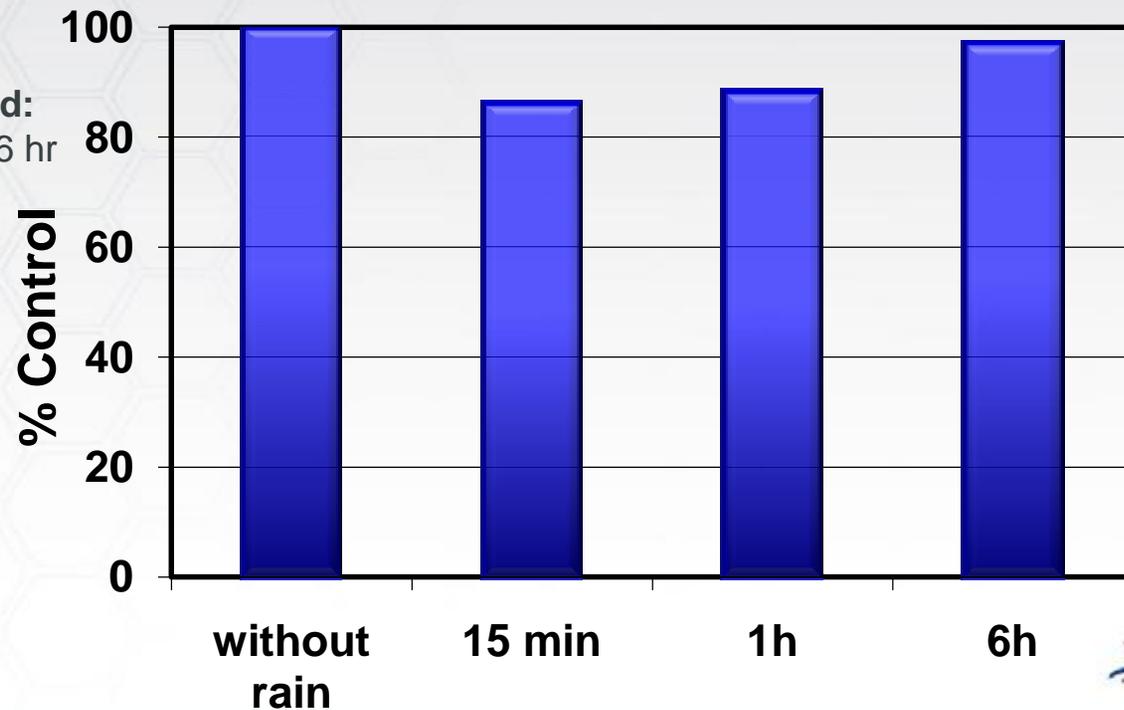
- Feature
 - Express (Ready) Rainfastness
 - As quick as 15 minutes for biological activity
 - A steady-extended penetration over 6-9 hour period
 - Plant Distribution and redistribution
 - Moves out of the leaves with water flow (xylem)
 - Soil applied material taken up through roots and distributed throughout plant
- Benefit
 - Rapid and Extended disease control
 - Forgiveness in application with both foliar and soil uptake
 - Peace of Mind in adverse weather that may suddenly appear



Evito™ - “Plant Mobility”

- Feature
 - Express (Ready) Rainfastness
 - Guaranteed activity within 15 minutes
 - A steady extended penetration over 6-9 hour period

Simulated Rain, then inoculated:
0.39 in (10mm) at 15 min, 1 or 6 hr
Avg across all greenhouse trials

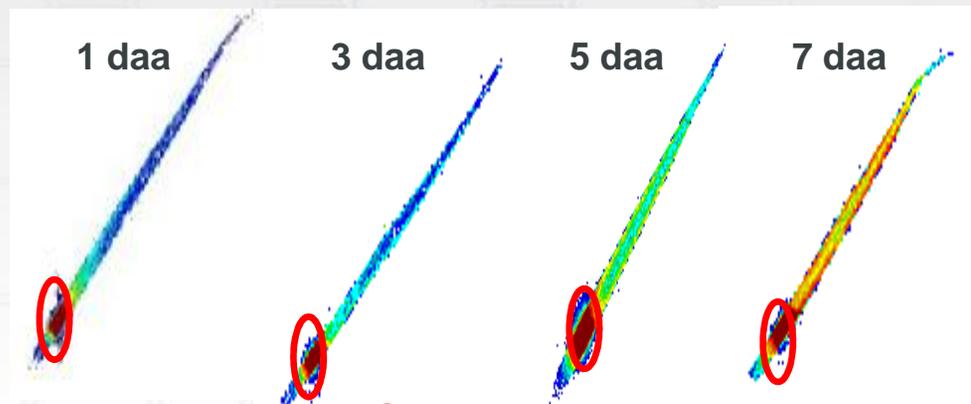


Evito™ - “Xylem Pro Mobility”

- Plant Distribution

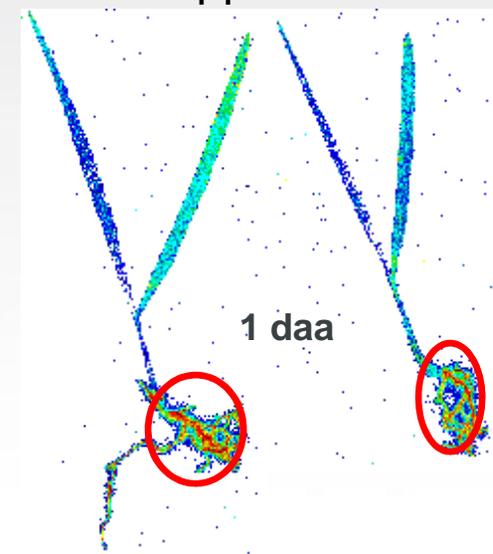
- Truly leaf systemic strobilurin, even distribution, rapid uptake and long-lasting control

Leaf Application



 = Application zone

Root or Infurrow Application



Evito™ - “Extensive Disease Spectrum”

- Oomycetes

- *Pythium* sp
- Late Blight
- Downy mildew

- Fungi Imperfecti

- Brown spot
- Northern/Southern Leaf Blights
- Frog-eye leaf spot
- Anthracnose
- Cercospora and more

- Ascomycetes

- Powdery Mildews
- White Mold
- *Sclerotium*
- Many more

- Basidiomycetes

- *Rhizoctonia*
- Rusts



Gray Leaf Spot



Asian Soybean Rust



Brown Spot



Northern Corn Leaf Blight



Cercospora Leaf Blight



Common Rust

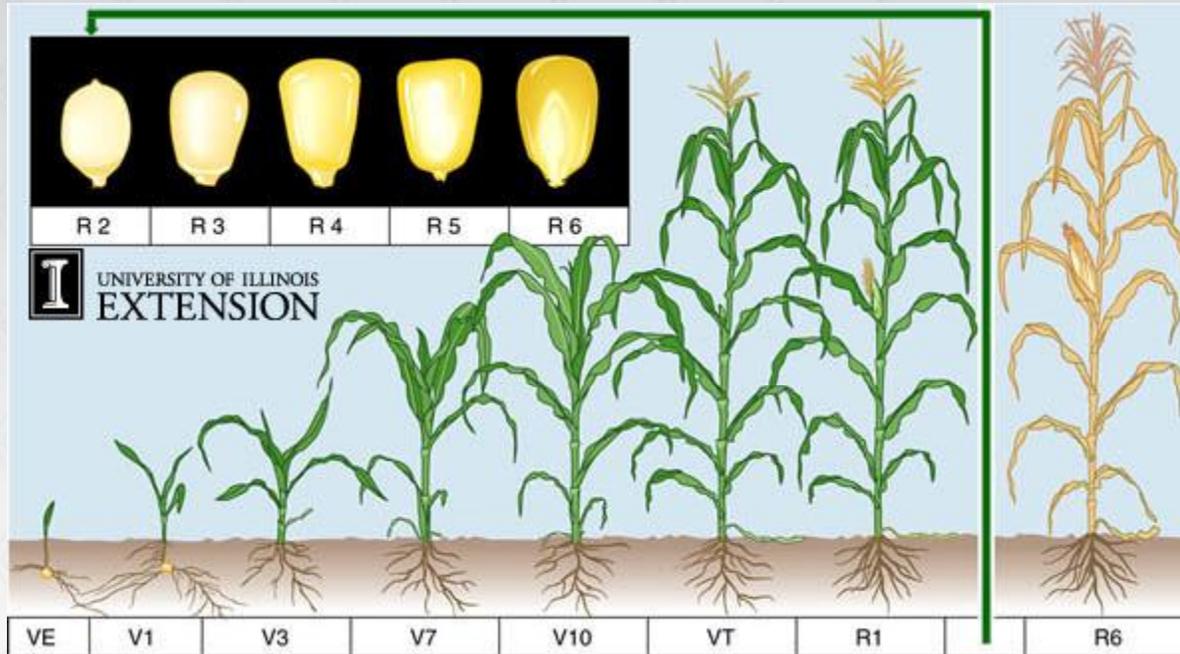


Evito-T

- Fluoxastrobin and Tebuconazole premix
- Features
 - 4-5 oz/A rate (corn and soybean rate) has robust rate of fluoxastrobin and tebuconazole
 - Broadened spectrum with the addition of triazole
 - Highly competitive to current competitive premixes
- Benefits:
 - Corn: premix competitive to Quilt and Stratego
 - Soybeans: preferred premix for use against Asian Soybean Rust, competitive with Quilt and Stratego



Optimal Corn Timing



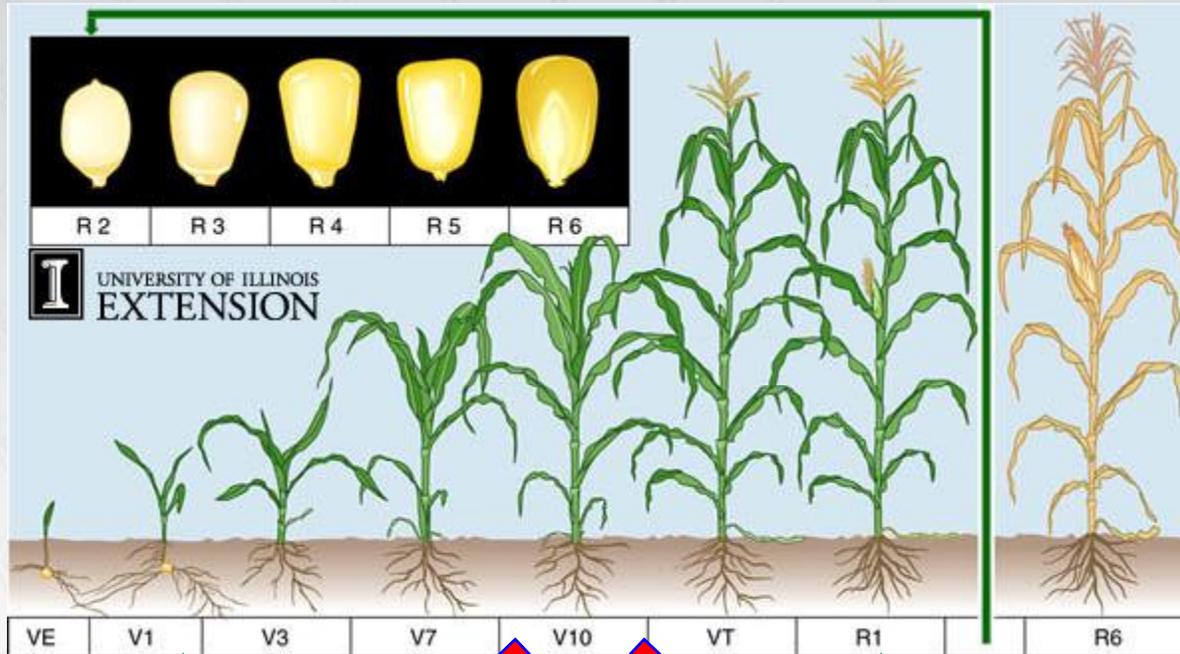
Last Glyphosate
Timing



Evito™ 2 oz/A
or *Evito-T* at 4 oz/A



Adjuvant Usage



***V8 through VT: Do not use
Adjuvants or Crop Oil
Concentrates***

Optimal Soybean Timing

- Apply at R3 stage of soybean
 - Determinant varieties: $\frac{1}{4}$ inch pod for most of plant
 - Indeterminant varieties: look at third node from bottom to stage
- Plant Health and disease control optimized at this timing

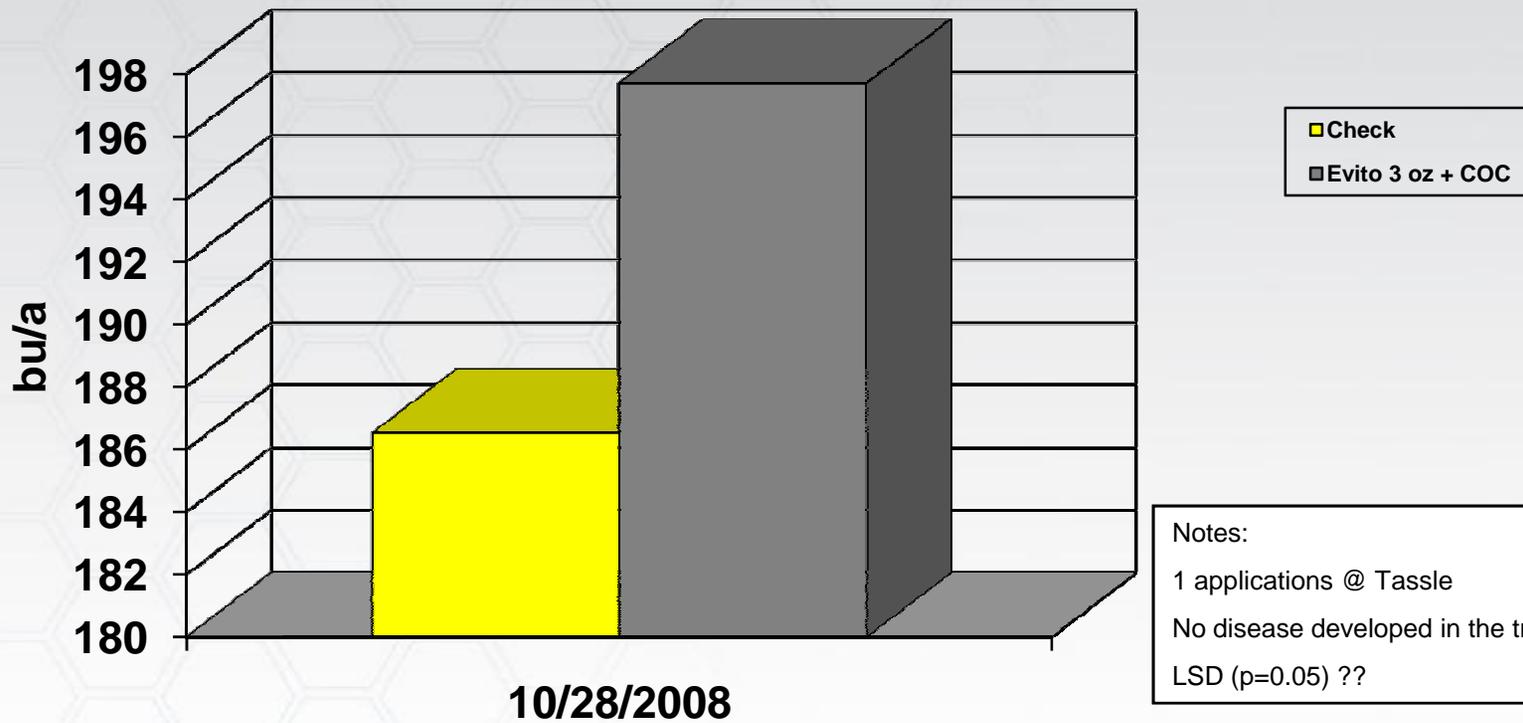


Photo © Iowa State University

R3- $\frac{1}{4}$ inch pod



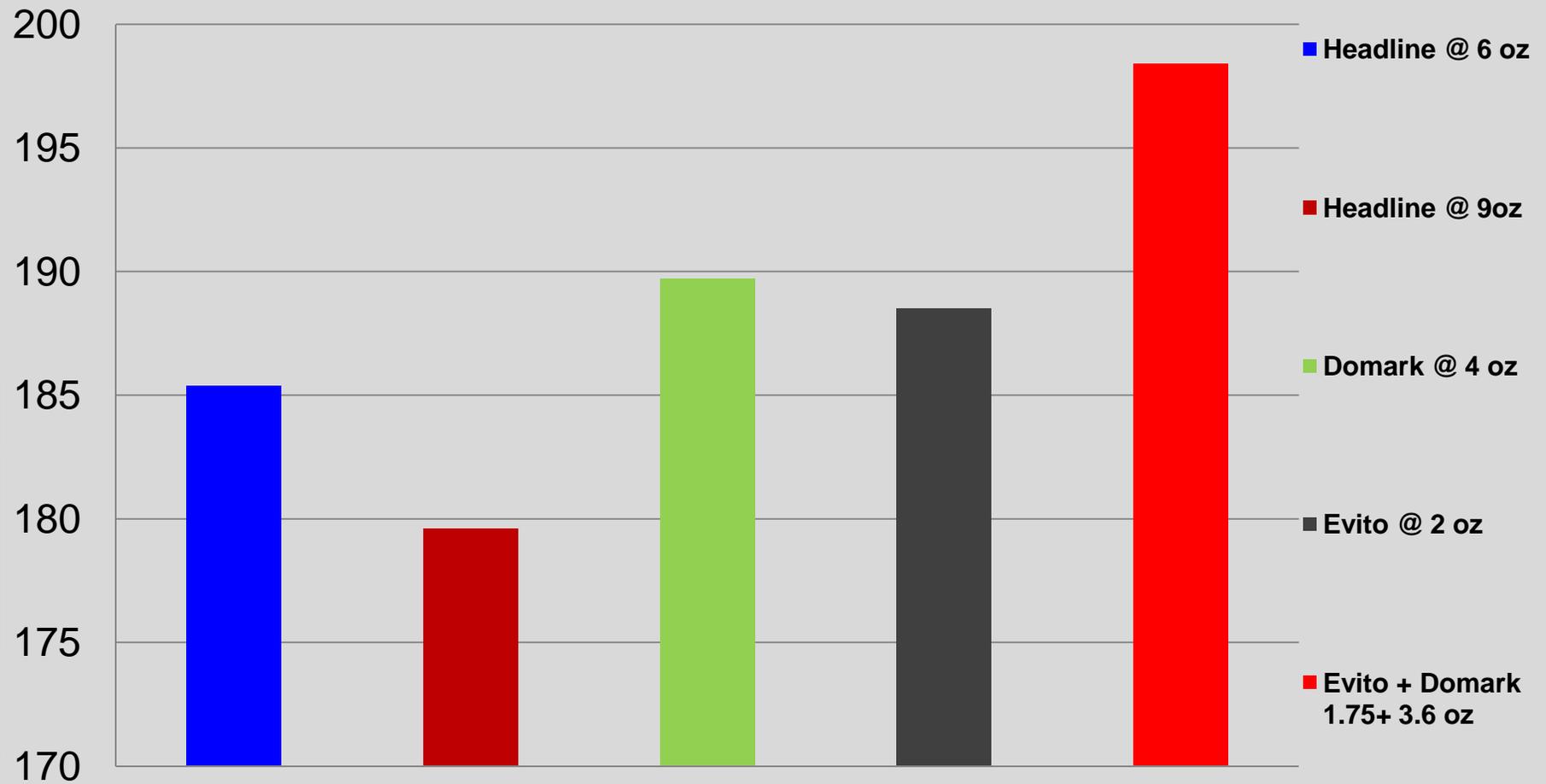
Evito – Corn Pest - Yield Iowa State University



Evito/ Corn/Allen/MSU

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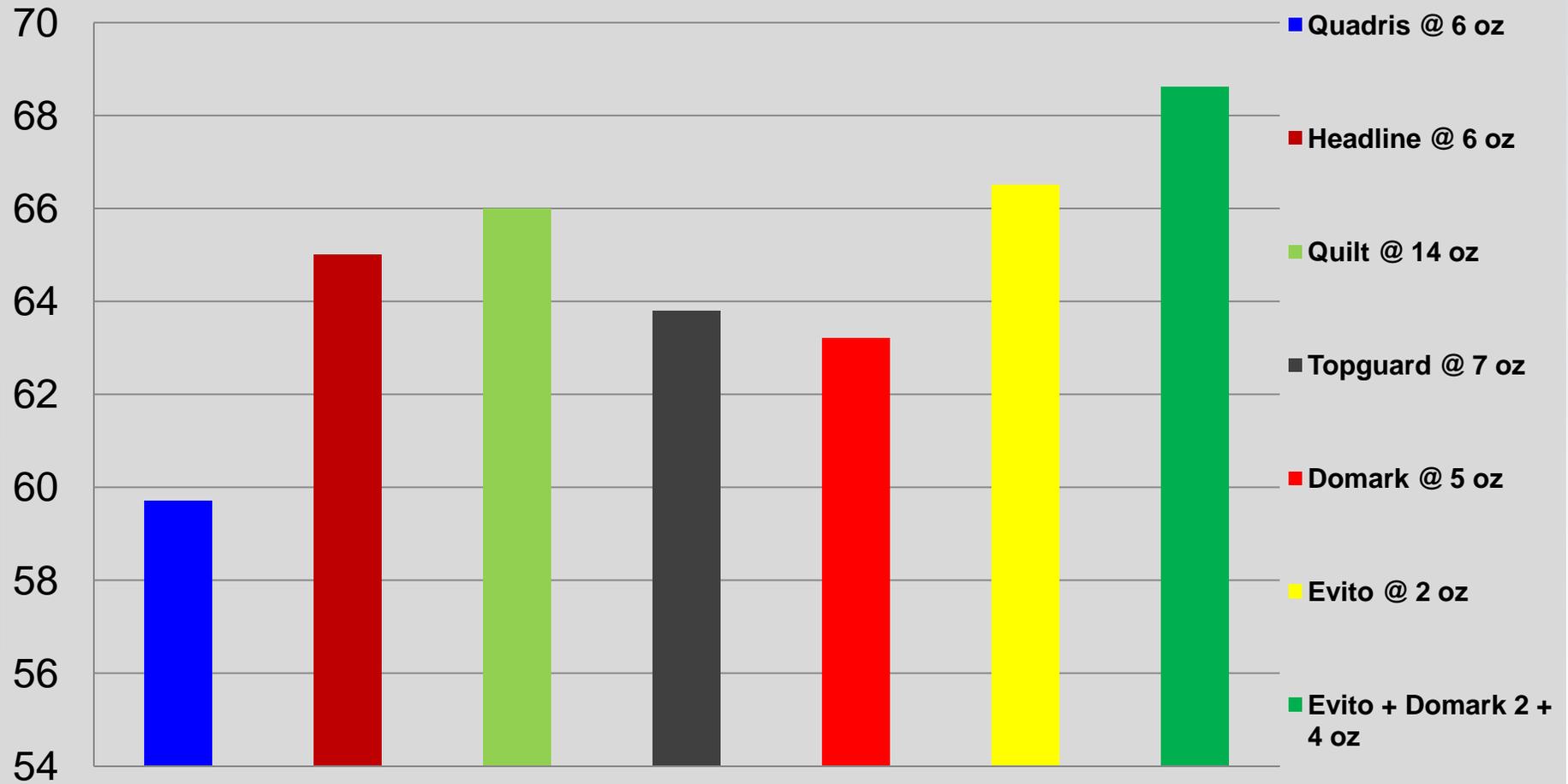
Yield (bu)



Evito/ Soybean / Padgett / LSU

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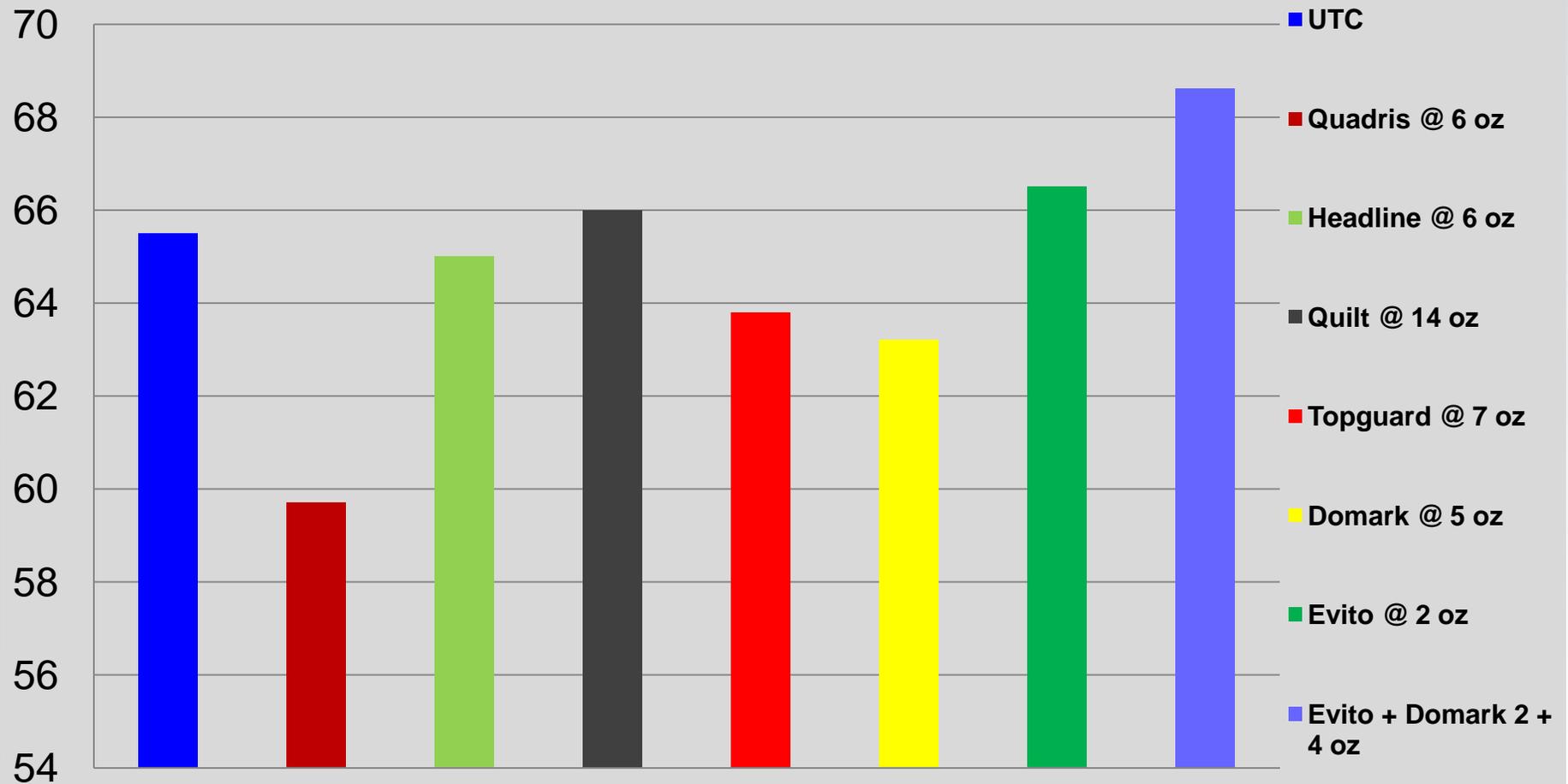
Yield (bu)



Evito/ Soybean / Padgett / LSU

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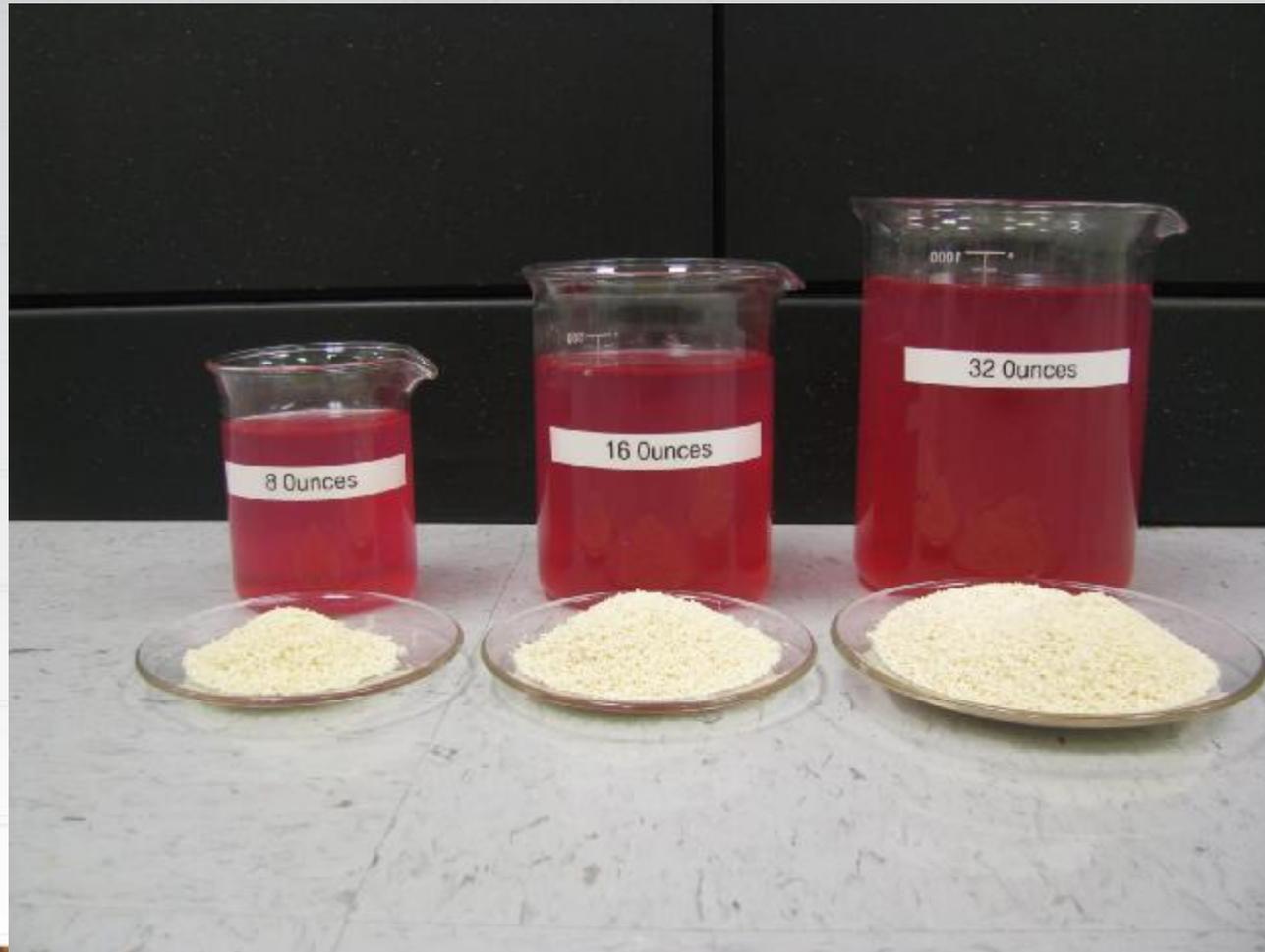
Yield (bu)



MC - WSG



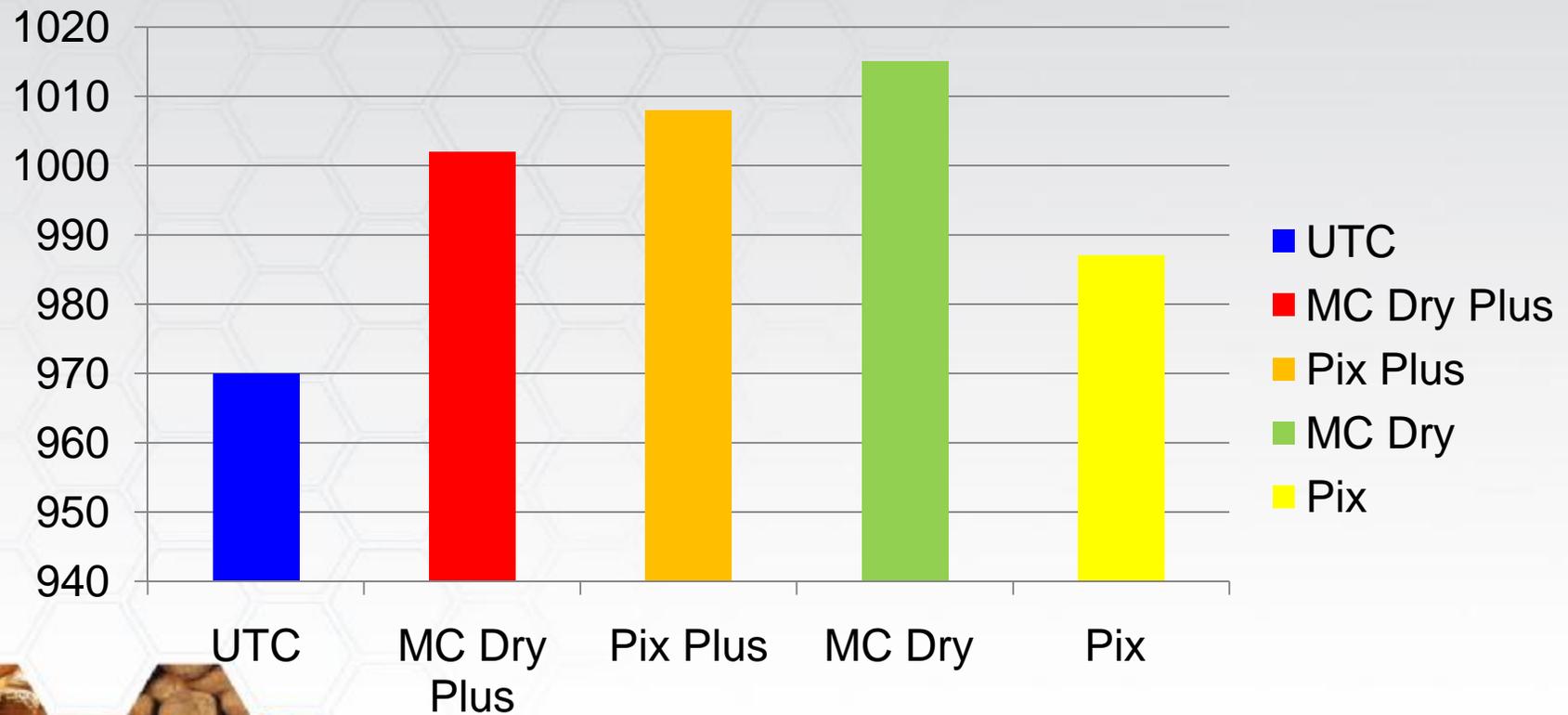
MC - WSG



MC Dry / Average 8 Locations

P-0494-D-US-COT09

Yield (lb)





ADIOSTM

Evito[™]

Replicated Trials Comparing Equivalent Rates of Active Ingredients Across 11 Locations

Treatment		% Defol 5 DAA	% Open 5 DAA	% Defol 10 DAA	% Open 10 DAA	% Open 15 DAA	% Open 15 DAA
Ethephon Adios™	32 oz 4 oz	58.9	76.0	81.8	89.1	92.1	96.4
Prep™ Ginstar®	16 oz 4 oz	50.1	68.3	76.1	85.0	89.4	93.7
Finish® 6 Pro Ginstar®	16 oz 4 oz	60.1	70.2	81.8	85.9	91.1	94.8

Ethephon contains 6.0 pounds of Ethephon per gallon, Prep contains 6.0 pounds of Ethephon per gallon and Finish 6 Pro contains 6.0 pounds of Ethephon and 0.375 pounds cyclanilide per gallon.

