

Win the fight against

ASIAN SOYBEAN RUST

Domark
230 ME

Don't just fight rust. Dominate it.

Dr. John Pawlak
Valent USA Corporation



Key Product Information

Product Name: Domark[®]

Active Ingredient: Tetraconazole

**Formulation: 230 ME (1.9 lb. ai./gallon)
(230 gm ai./liter)**

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Key Product Information

Solvent Free: No phytotoxicity to soybeans

Other Triazoles ->



**Package Size: 2.5 gallons/jug
2 jugs/case**



Key Product Information

**Application Rates: 4 to 5 fl. oz./A
(0.06 to 0.075 lb. ai./A)**

**Apps. per Season: 1 in 2005,
2 expected in 2006**

Shelf-life: Three years (minimum)

Key Product Information

REI: 24 hours

Rainfastness: 2 hours

PHI: Do not apply at, or after, R6

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Key Product Information

Recommendation:

Domark should be applied prior to rust infestation for preventative activity.

If rust is present, Domark should be applied for curative activity as well as to prevent additional infection.

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Tetraconazole Distribution



30 days after topical application

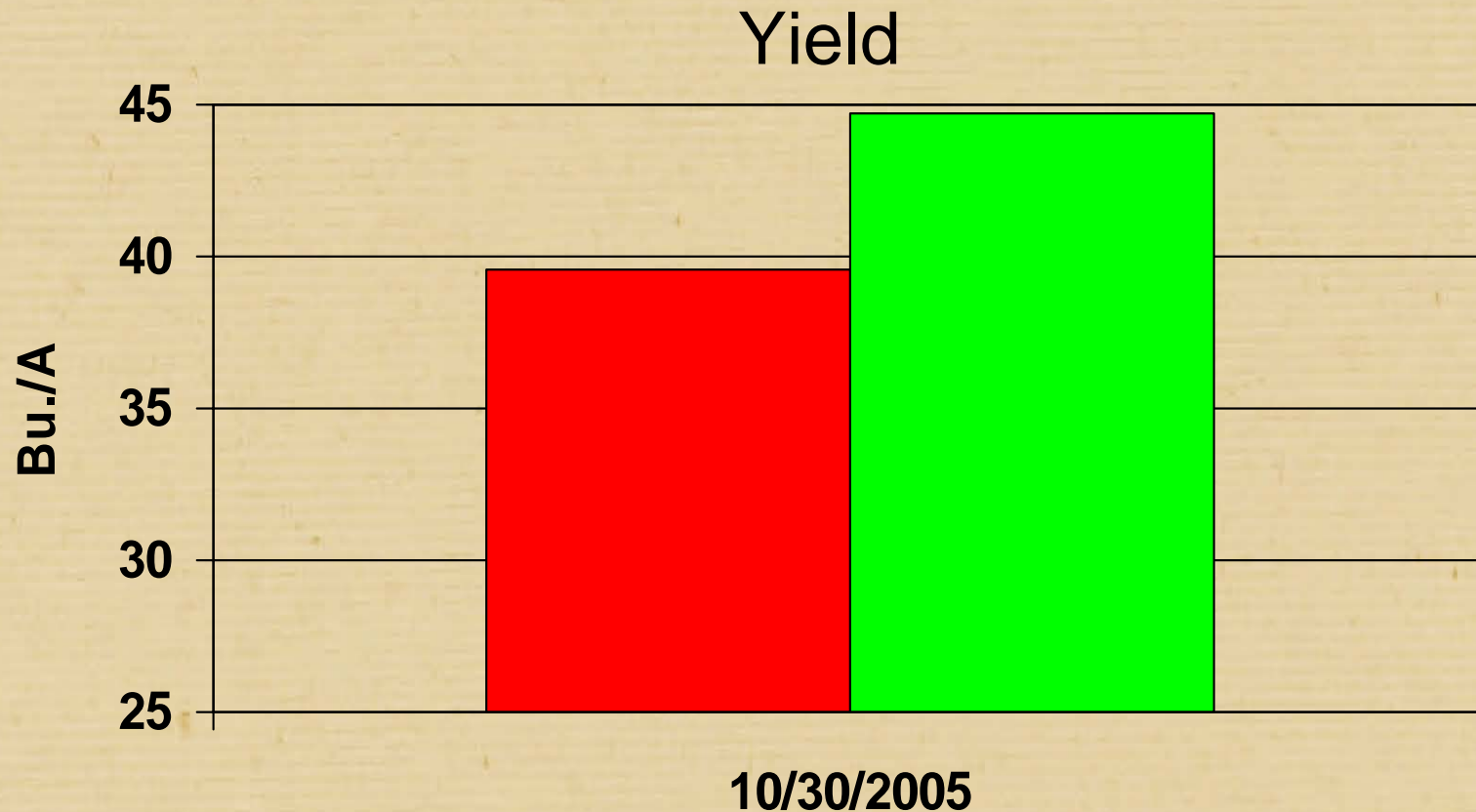
**Domark translocates to
and protects new growth**

**14C labeled tetraconazole
applied here**

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Asian Soybean Rust Control



■ UTC ■ Domark @ 4 fl. oz./A

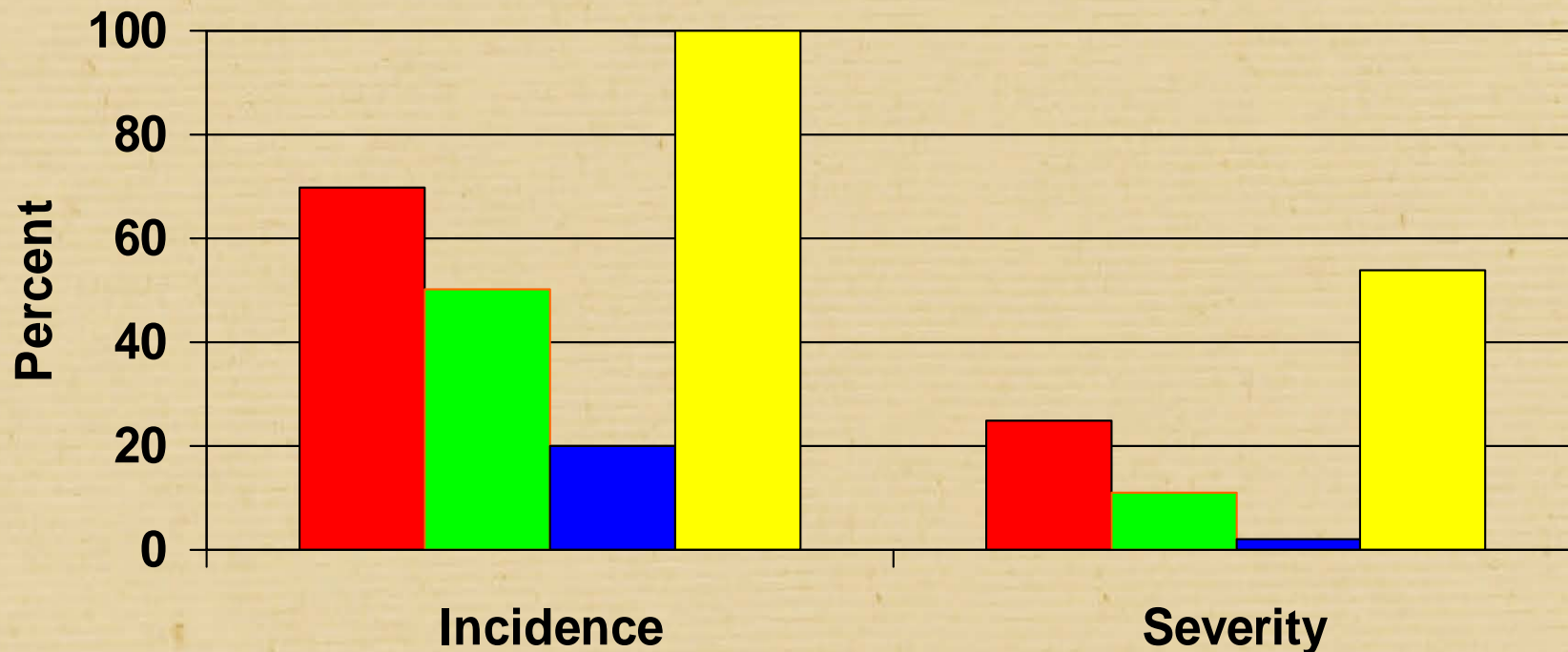
Product(s):
Domark

Field Rep: Altom, John
Investigator: R. C. Kemerait
RIS#: 2005JALTO410

Crop: Soybean
Cultivar: DP 7870 RR
Pest: ASR (*Phakopsora pachyrhizi*)
of Application: 2 (R1 & R1+21 days)

Site: Lang Farm
State: GA
Country: USA

Frog-eye Leaf Spot Control



■ Domark @ 4 fl. oz./A ■ Domark @ 5 fl. oz./A
■ Domark @ 6 fl. oz./A ■ Folicur @ 4 fl. oz./A

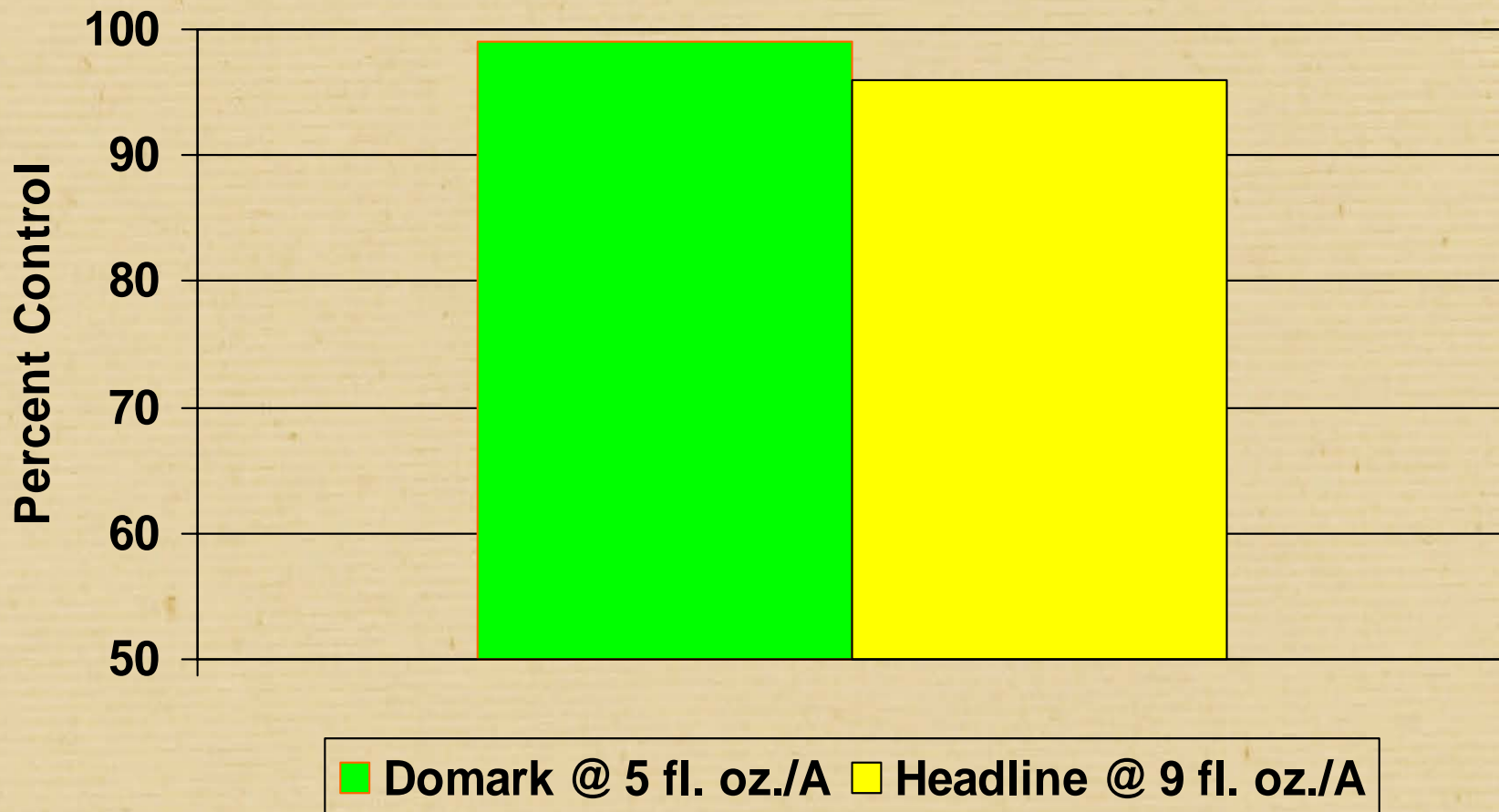
Product(s):
Domark

Field Rep: Altom, John
Investigator: Beaver Yoder
RIS#: 2005JALTO260

Crop: Soybean
Cultivar: Pritchard
Pest: Frog-eye Leaf Spot (*C. soijina*)
of Application: 1

Site: Altha
State: FL
Country: USA

Frog-eye Leaf Spot Control



■ Domark @ 5 fl. oz./A ■ Headline @ 9 fl. oz./A

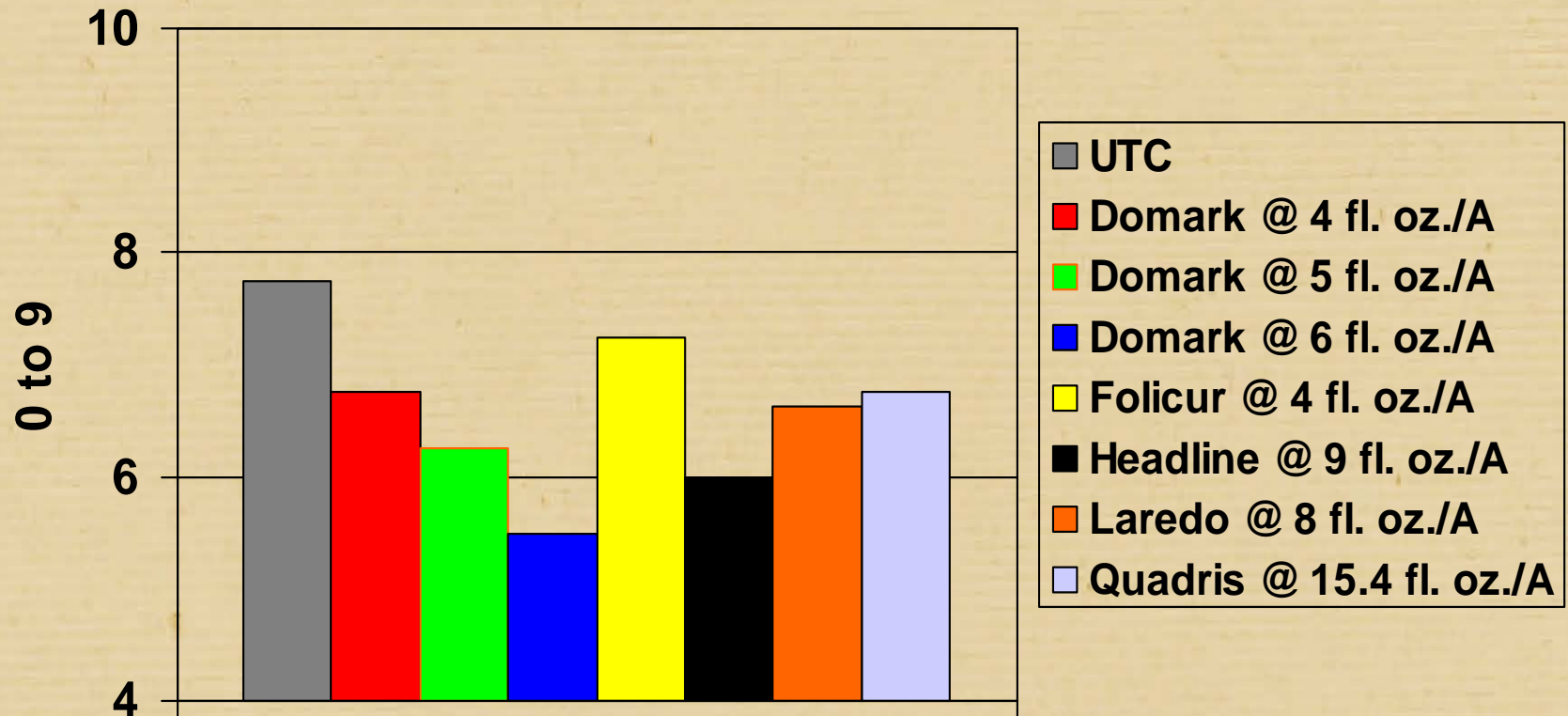
Product(s):
Domark

Field Rep: Cranmer, John
Investigator: Carl Coleman
RIS#: 2005JCRANXXX

Crop: Soybean
Cultivar:
Pest: Frog-eye Leaf Spot (*C. soijina*)
of Application: 1

Site: Dillon
State: SC
Country: USA

Cercospora Leaf Blight Control



Product(s):
Domark

Field Rep: Odle, Bill
Investigator: Ray Schneider
RIS#: 2005BODLEXXX

Crop: Soybean
Cultivar: Group IV
Pest: Cercospora Leaf Bligh (*C. kikuchii*)
of Application: 1 (R1)

Site: LSU Ag Center
State: LA
Country: USA

Plant Health Research

1. Untreated
2. Domark @ 4 oz./A
3. Orthene 97 @ 12 oz./A
4. Domark @ 4 oz./A + Orthene 97 @ 12 oz./A

**Randomized design with 12 replications; 0.67
acre plots**

Pests & Pressure

Aphids- 400/plant

BLB- 3/plant





Grasshopper- 1/plant

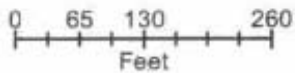
Stinkbug- 0.3/plant

Map Items

Final Plot Map

TREATMENT

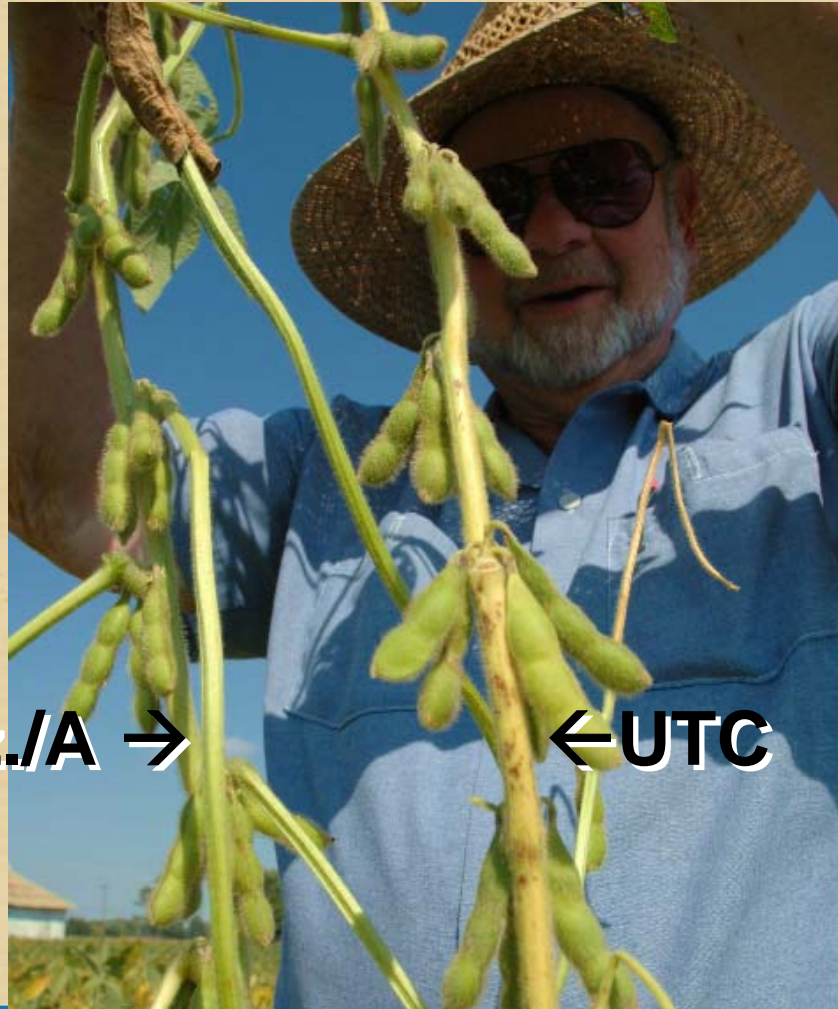
-  Check
-  Domark 4 oz/ac
-  Orthene97 12 oz/ac
-  Orthene97 12 oz/ac + Domark 4 oz/ac



Technology Services



Unknown Disease on Stem



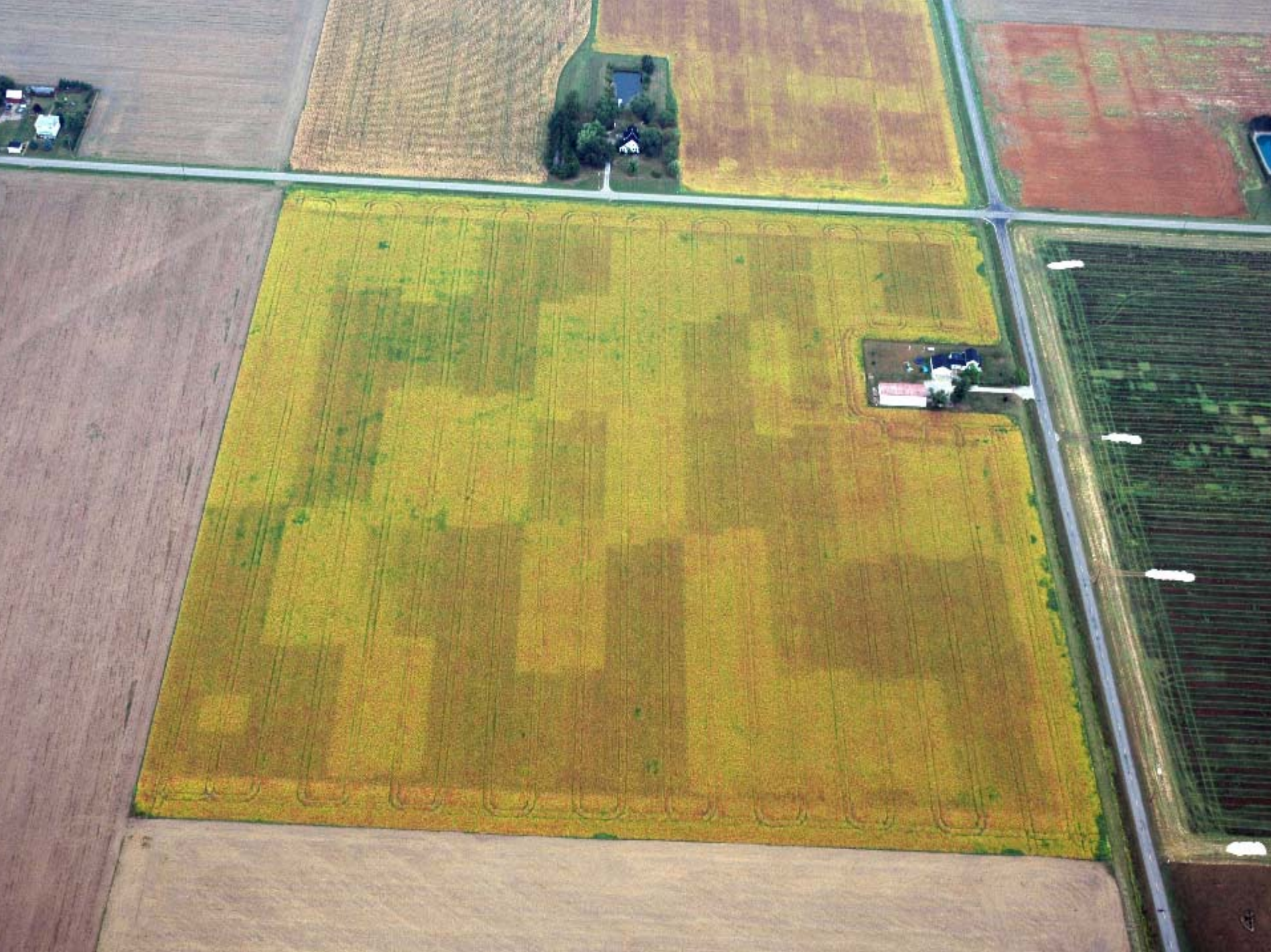
Domark @ 4 fl. oz./A →

← UTC

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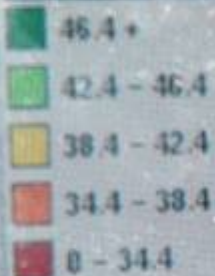


DGPS

Soybeans

SYSTEM

YIELD



FIELD

REGION

12005

<1>

YIELD

40.3

avg
bu/ac

GROUND
SPEED

0.0

mph

MOISTURE

10.6

avg
%

GRAIN
FLOW

0

bu/hr

↑
N

100%



FULL SWATH

Master

5

AUTO

9:33 PM

HARVEST

FIELD NOTES

MAP

LIGHTBAR



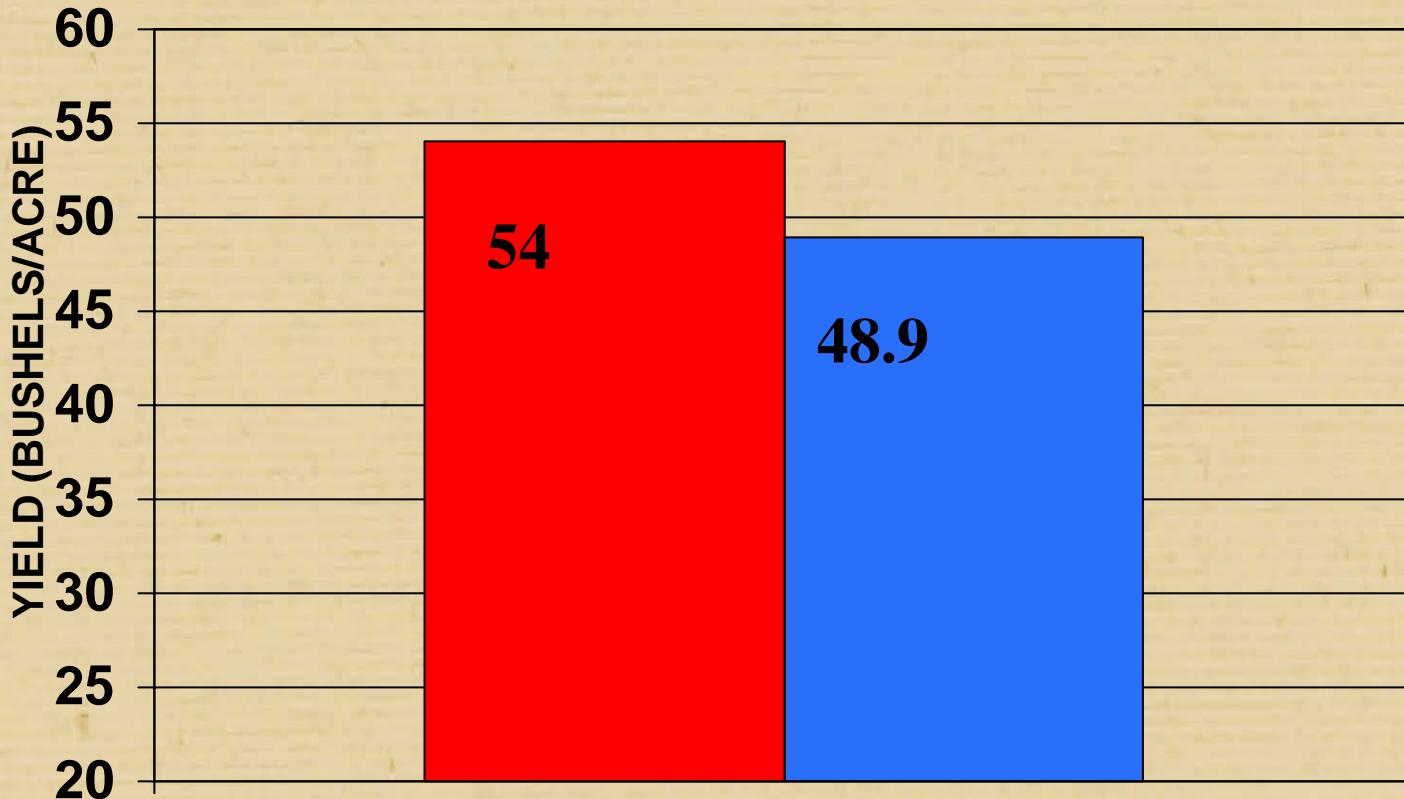
Plant Health Research

	UTC
Domark @ 4 fl. oz./A	+2.43
Orthene 97 @ 12 oz./A	+8.63
Domark + Orthene	+9.32

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Plant Health Research



■ DOMARK AT 5 FL OZ/A + ORTHENE 90 AT 0.56 LB/A ■ UTC

FIELD TRIALS CONDUCTED IN KENTUCKY, NORTH CAROLINA, SOUTH CAROLINA AND TENNESSEE (10 OBSERVATIONS).

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Summary:

- Control of Asian Soybean Rust and Final Cycle Diseases
- Protects New Growth
- Preventative and Curative control
- Safe to Soybeans

Questions?

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