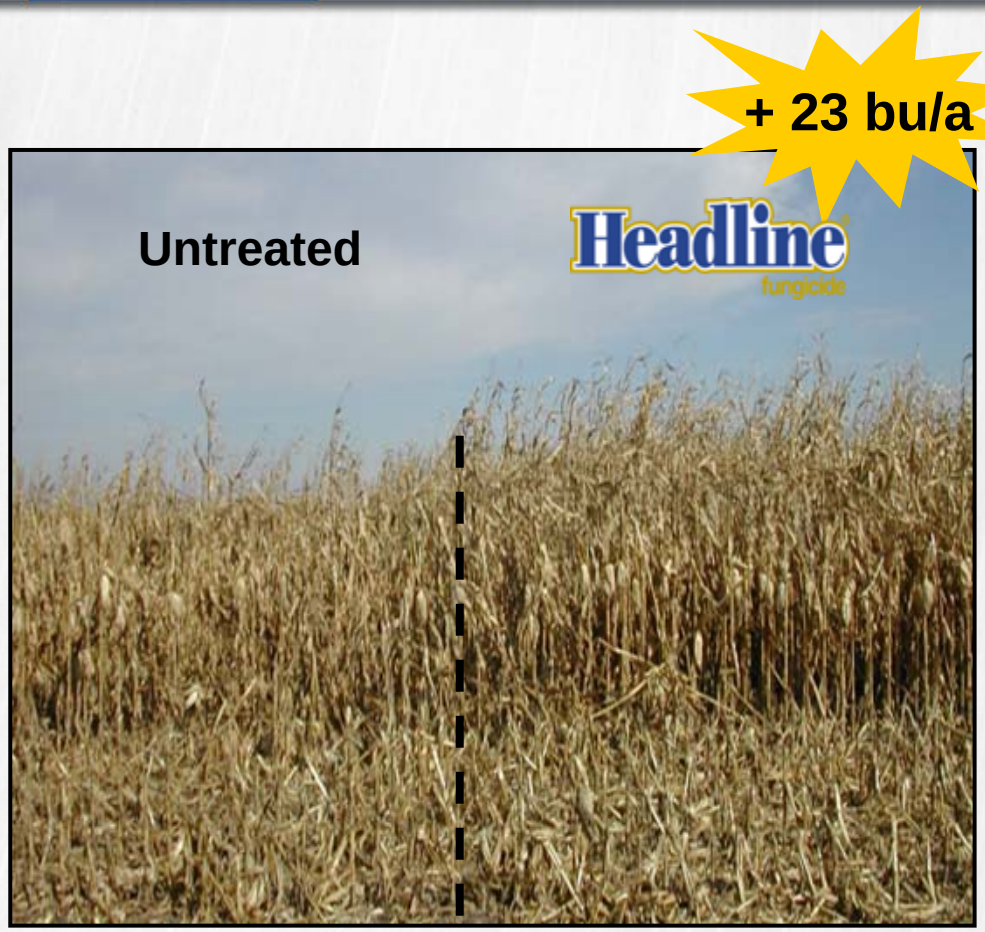
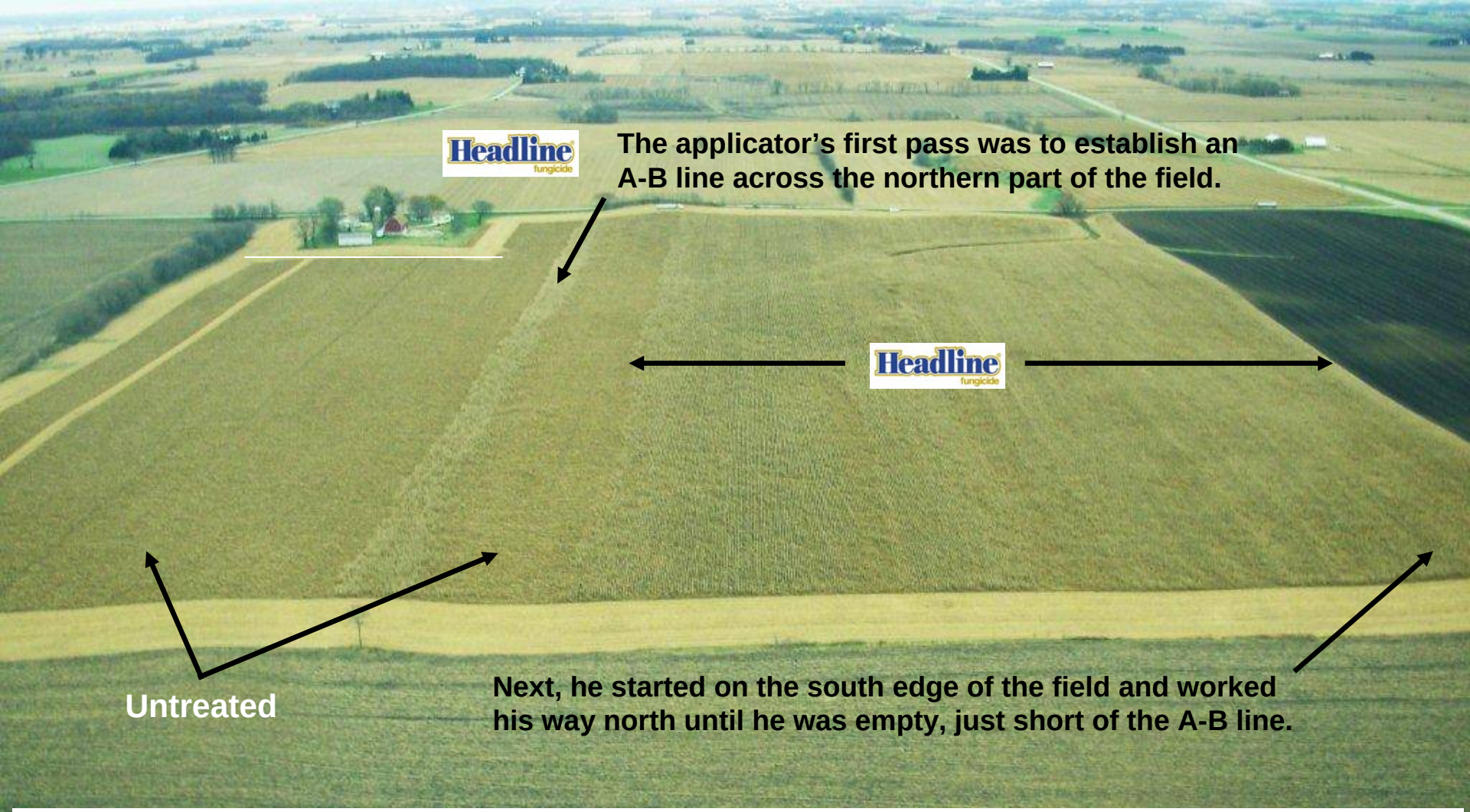
Headline® Fungicide in Corn
Plant Health Research Summary

BASF
The Chemical Company

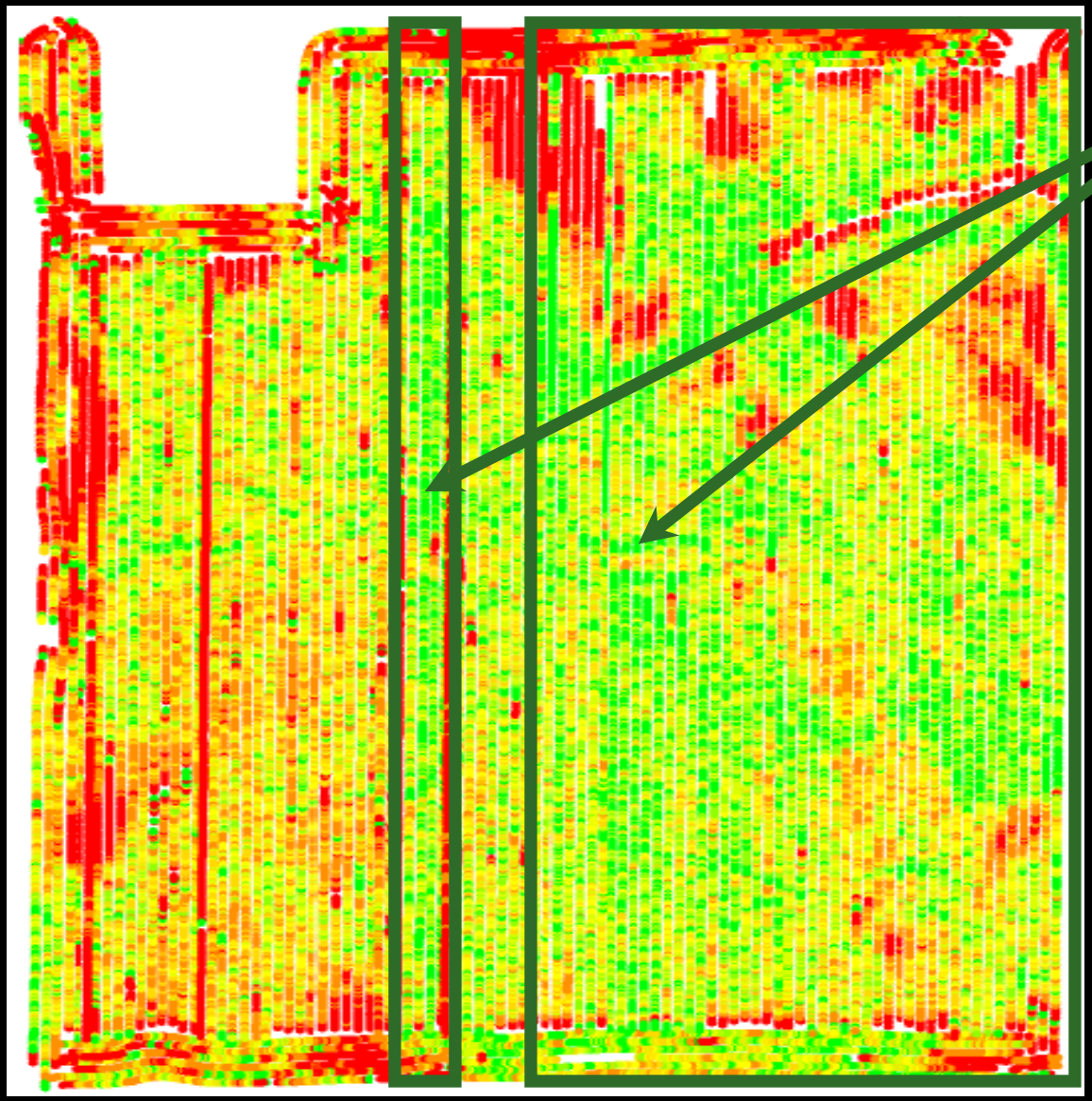


- **Headline® Fungicide**
  - *Backed by extensive research*
  - *Proven Plant Health benefits*
- **Plant Health Benefits**
  - *Excellent, broad spectrum disease control*
  - *Improved plant efficiency*
  - *Improved tolerance to stress*
  - *Improved tolerance to abiotic diseases*
- **Grower Benefits**
  - *Improved harvest efficiency*
  - *Improved crop quality and yields*



Columbia County, WI – October 28, 2010

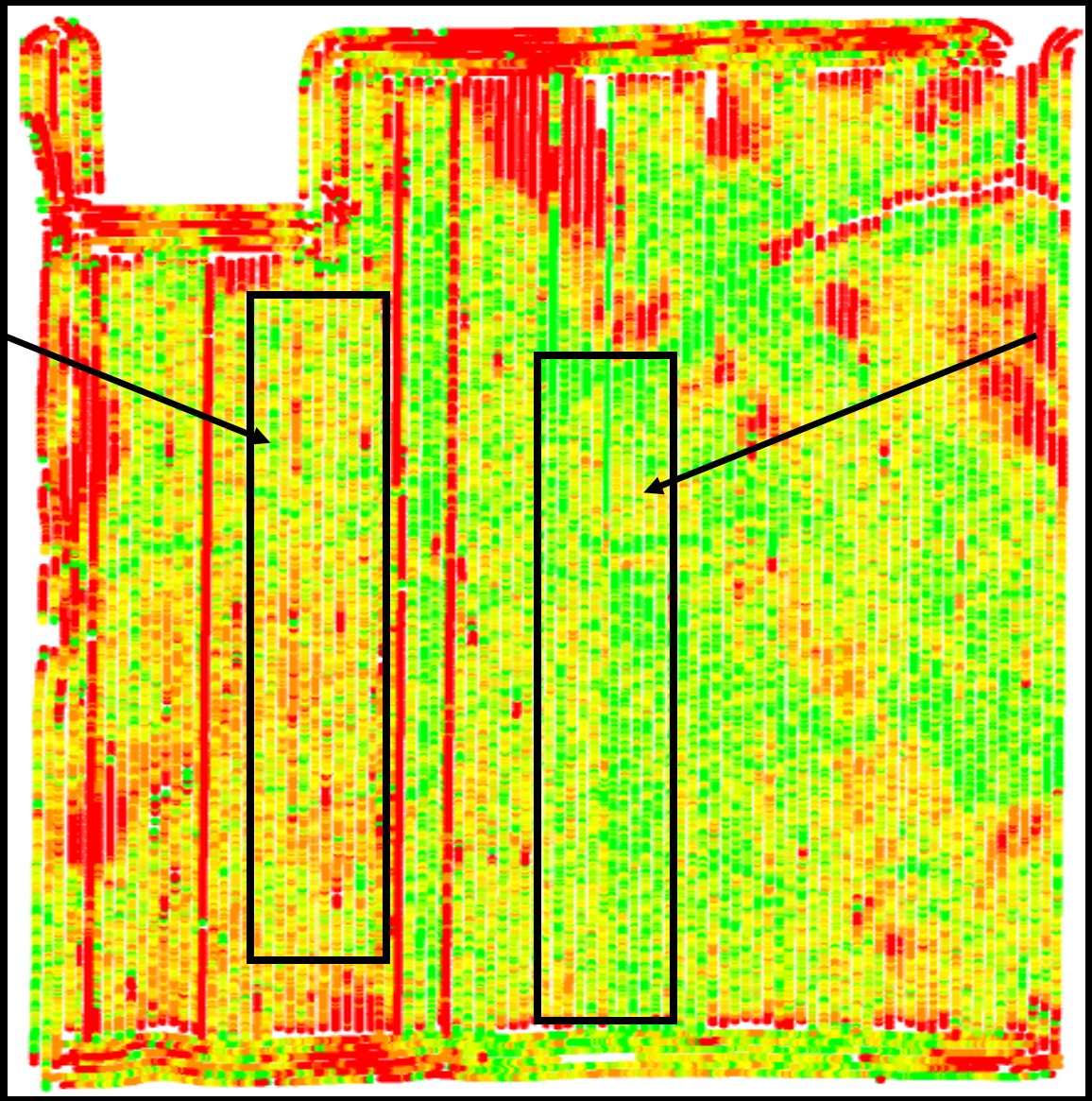
Wind speeds of 30-40 MPH, with gusts in excess of 50 MPH, were common across the Midwest earlier this week. The field shown in the following photos was planted following corn and approximately 60% of it was treated with Headline® at VT. Current lodging scores for the treated and untreated areas are 17% and 79%, respectively!



Note: The vertical red lines in the map are a result of harvesting less than 8 rows in the combine pass.

Untreated

208.57 Bu. /A

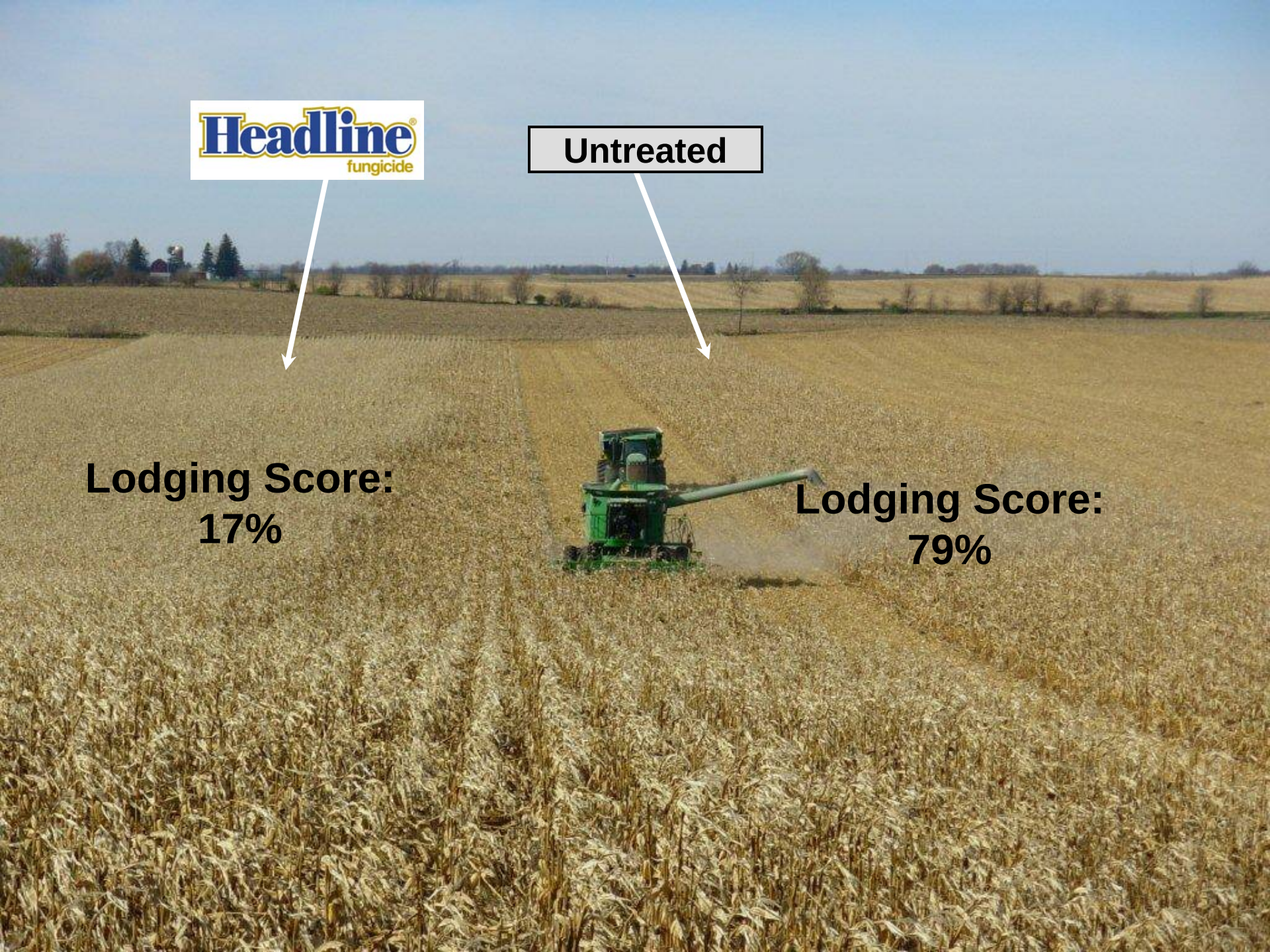


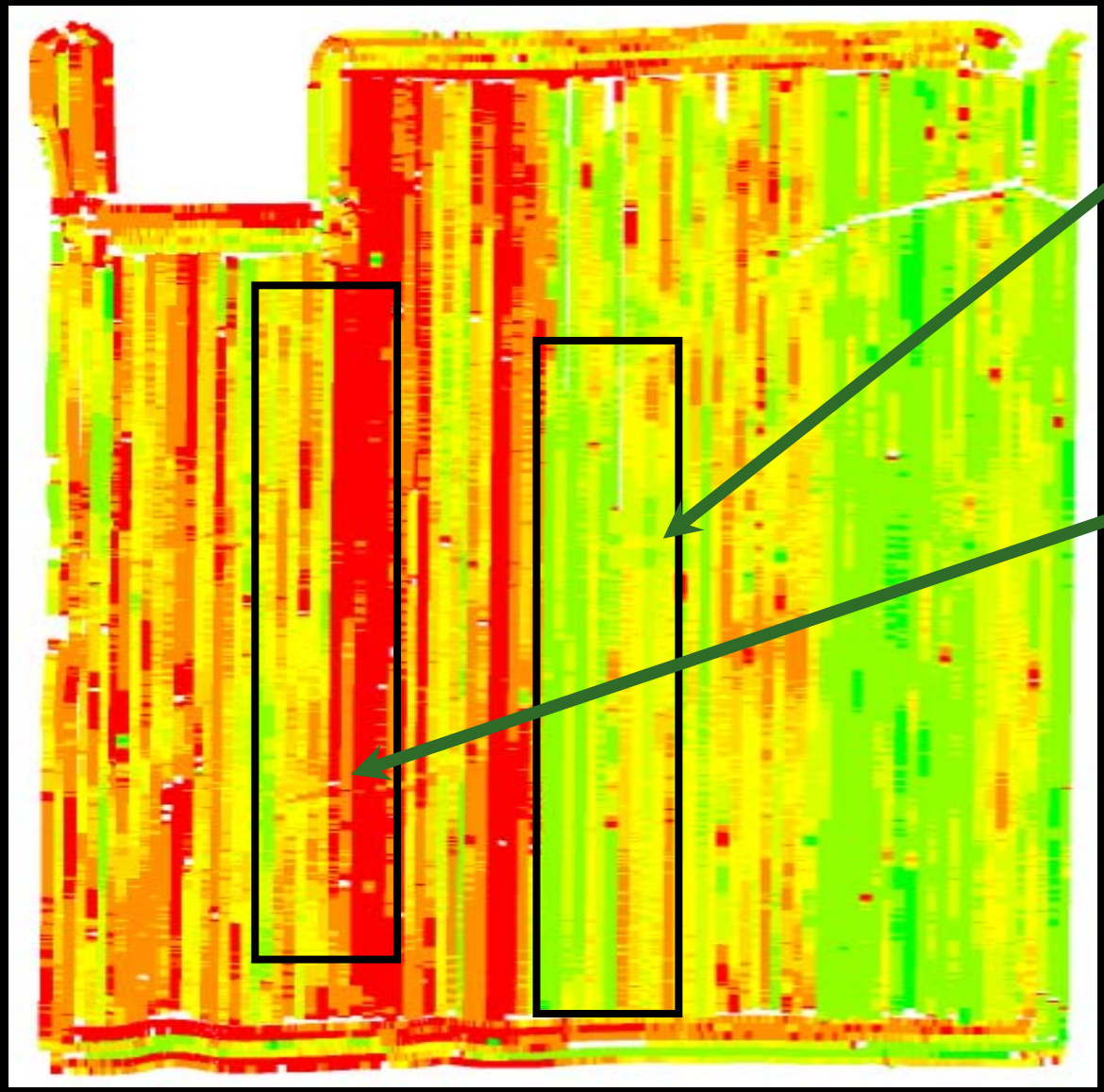
Headline® fungicide

224.29 Bu. /A

YIELD ADVANTAGE + 15.72 Bu. /A!

Note: The vertical red lines in the map are a result of harvesting less than 8 rows in the combine pass.


Headline
fungicide
Untreated
Lodging Score:
17%
Lodging Score:
79%



Headline fungicide

4.13 mph

Untreated

2.73 mph

Harvest Speed Advantage

+ 1.40 mph

BASF
The Chemical Company

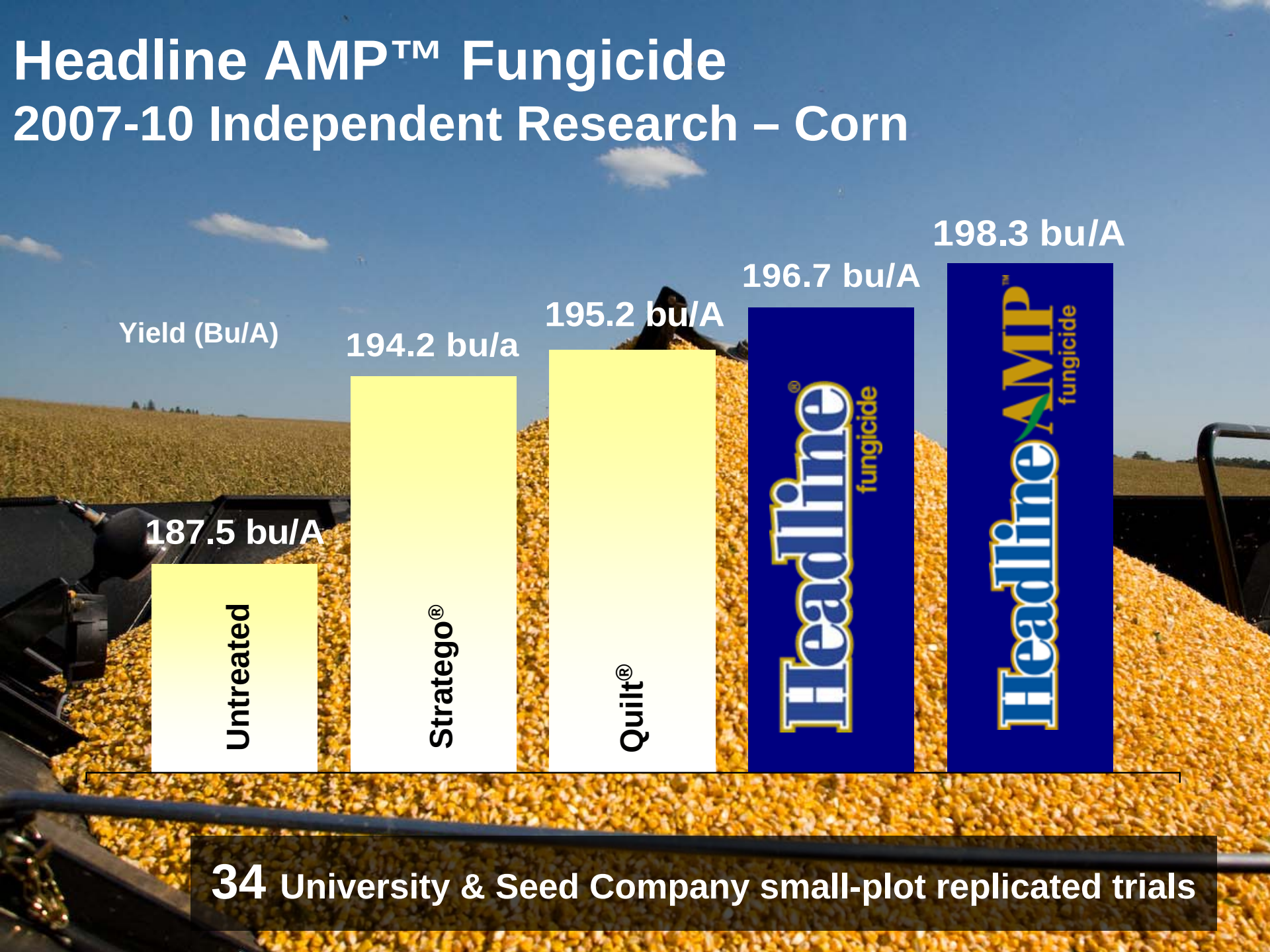
Headline AMP™ fungicide

Labeled for Corn

- **Headline AMP™ Fungicide is the Plant Health fungicide that combines the proven power of Headline and a unique triazole.**
- **The proven Plant Health benefits of Headline:**
  - ***Increased growth efficiency***
  - ***Improved tolerance to stress***
  - ***Improved standability and harvestability***
- **Unique, "Best-in-Class" triazole: <u>Metconazole.</u>**
- **Delivers Maximum Protection.**

Headline AMP fungicide

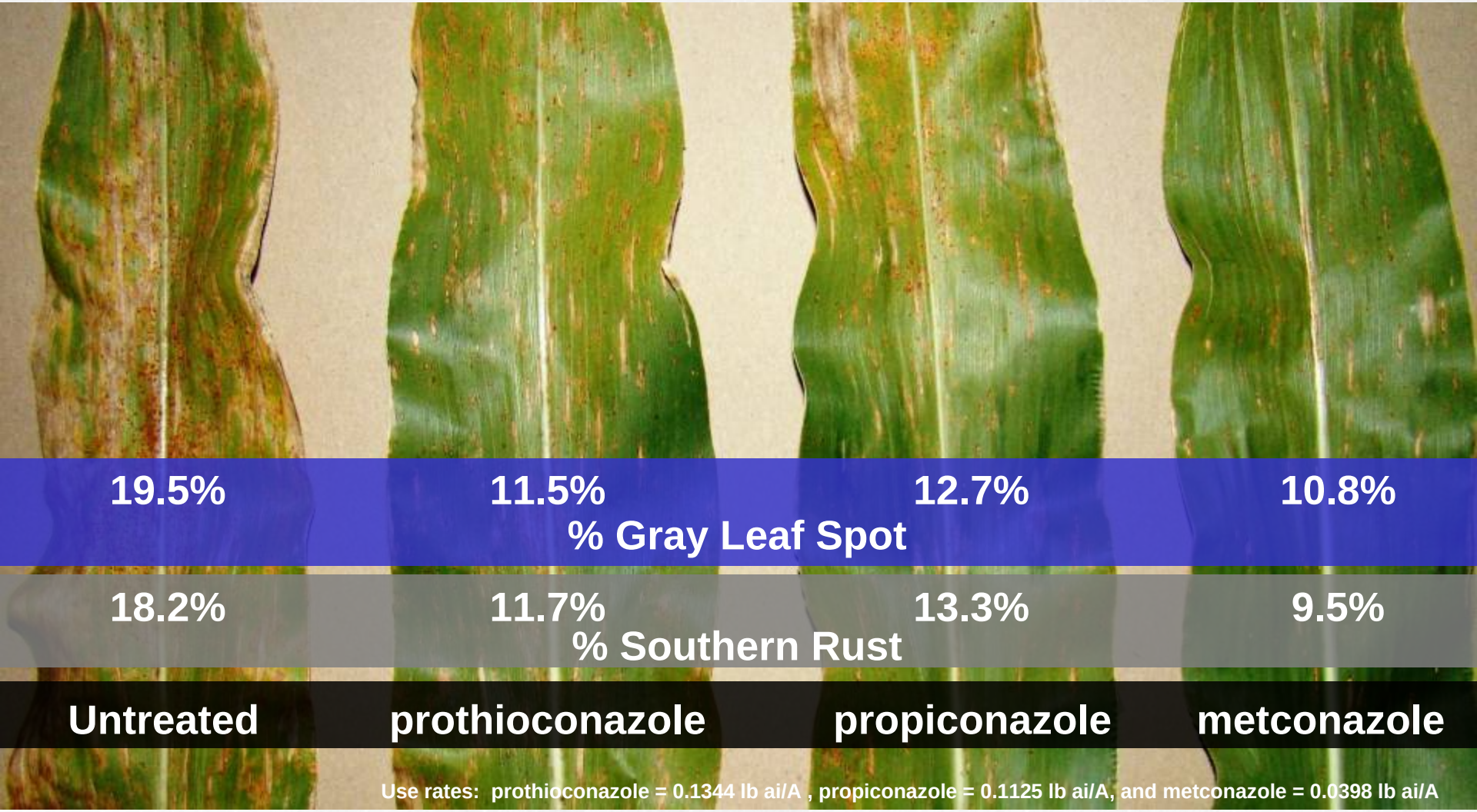
Headline AMP™ Fungicide
2007-10 Independent Research – Corn



34 University & Seed Company small-plot replicated trials

Competitive Triazole Comparisons

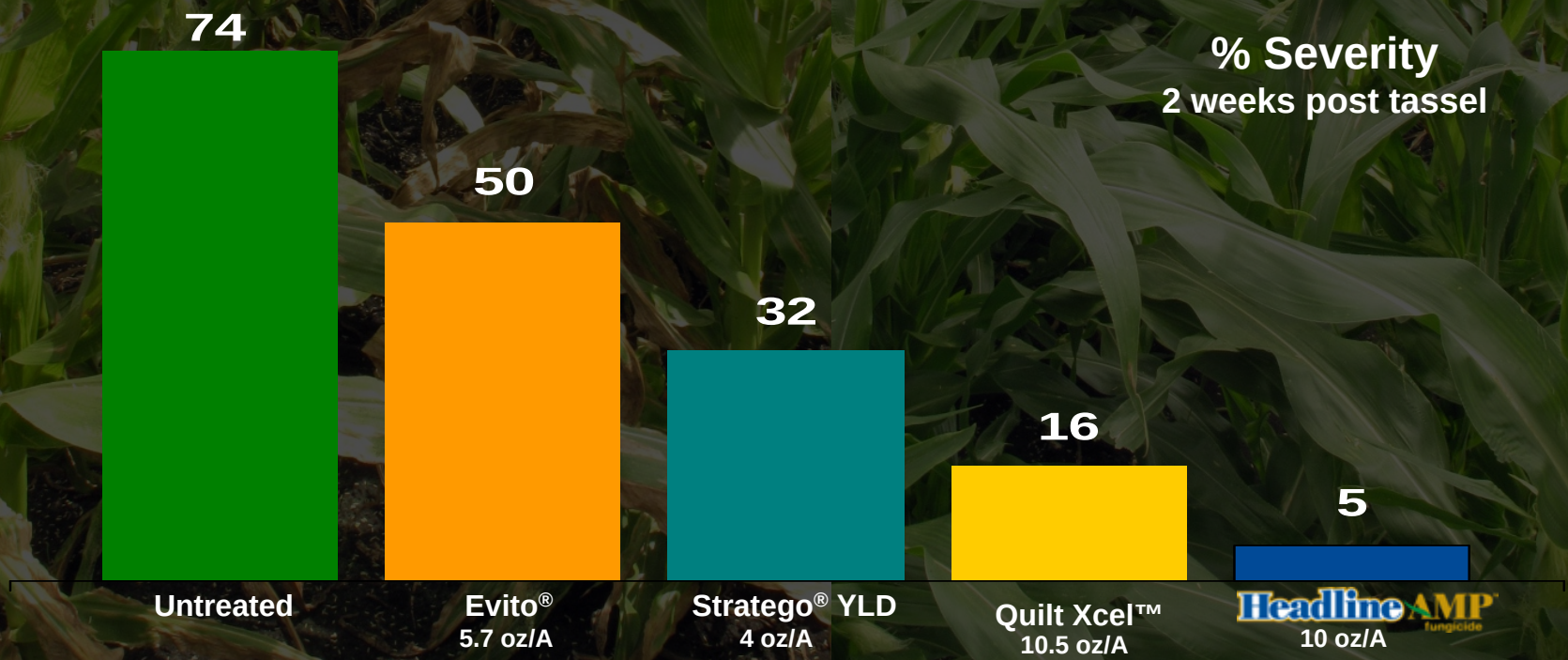
Inbred Corn, 5 weeks after application



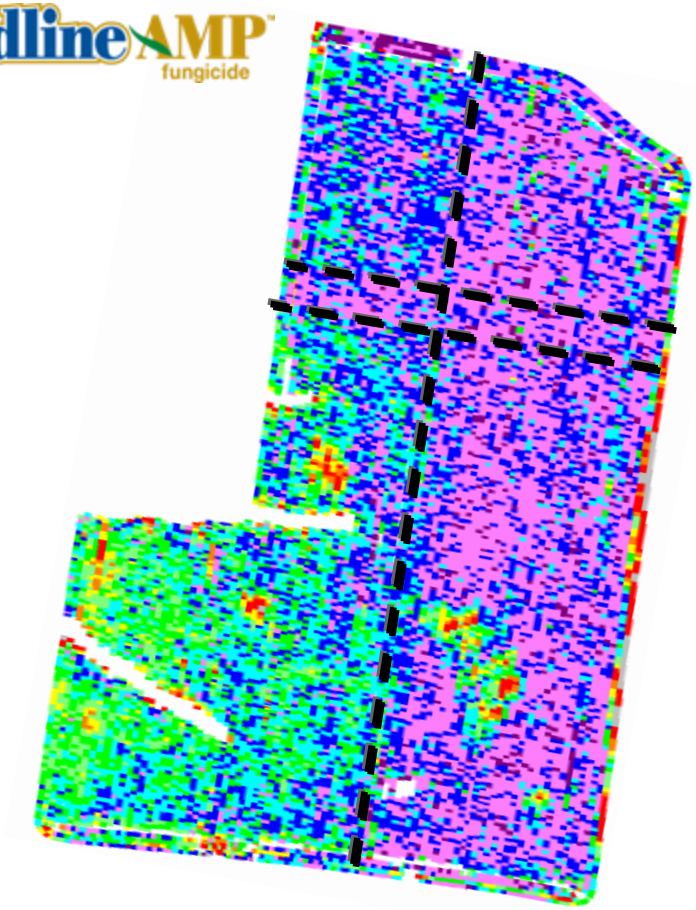
Use rates: prothioconazole = 0.1344 lb ai/A , propiconazole = 0.1125 lb ai/A, and metconazole = 0.0398 lb ai/A

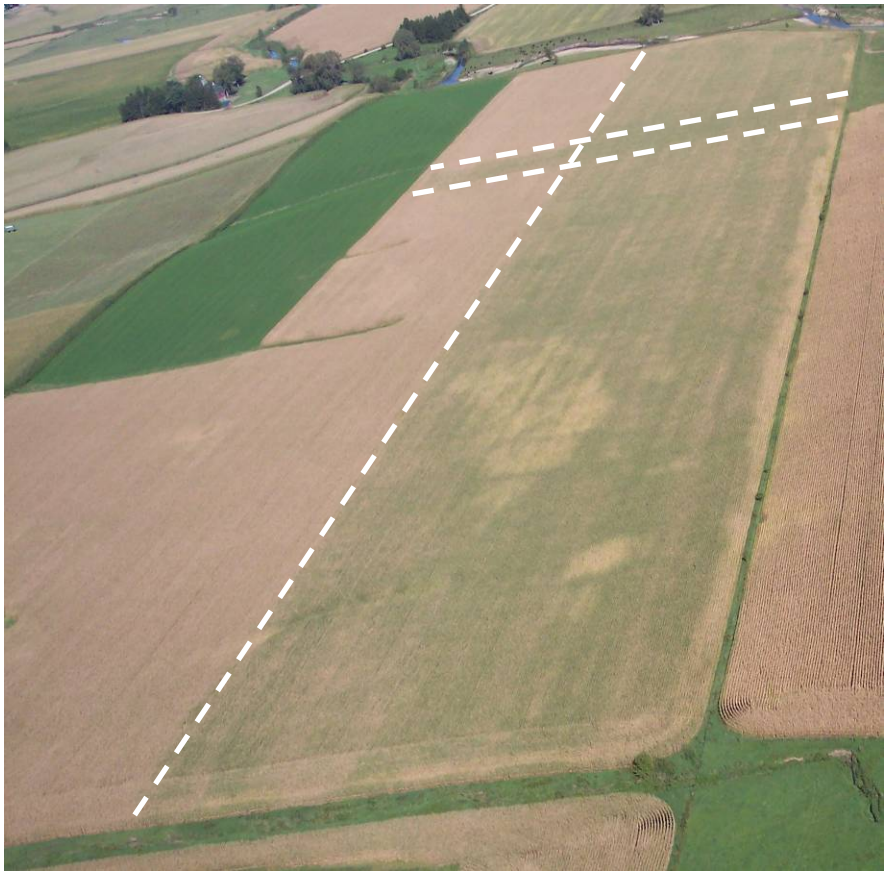
Headline AMP™ Fungicide

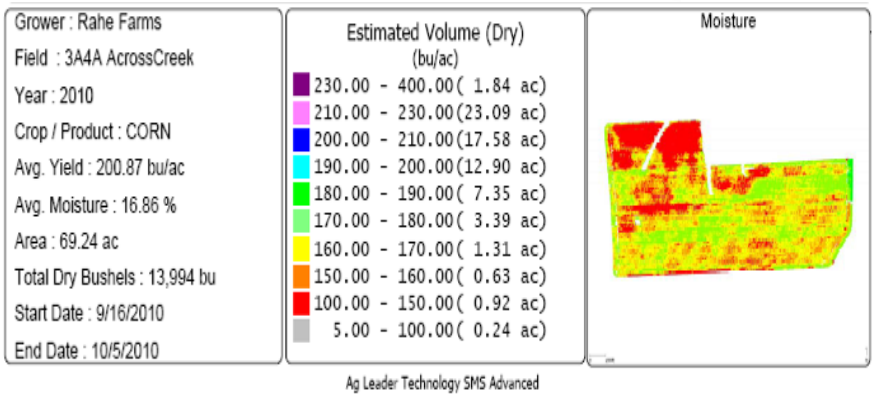
Northern Corn Leaf Blight control on Sweet Corn 2010



2010 Replicated trial at U of FL, 5 applications on 7 day intervals starting at 8-9 leaf stage





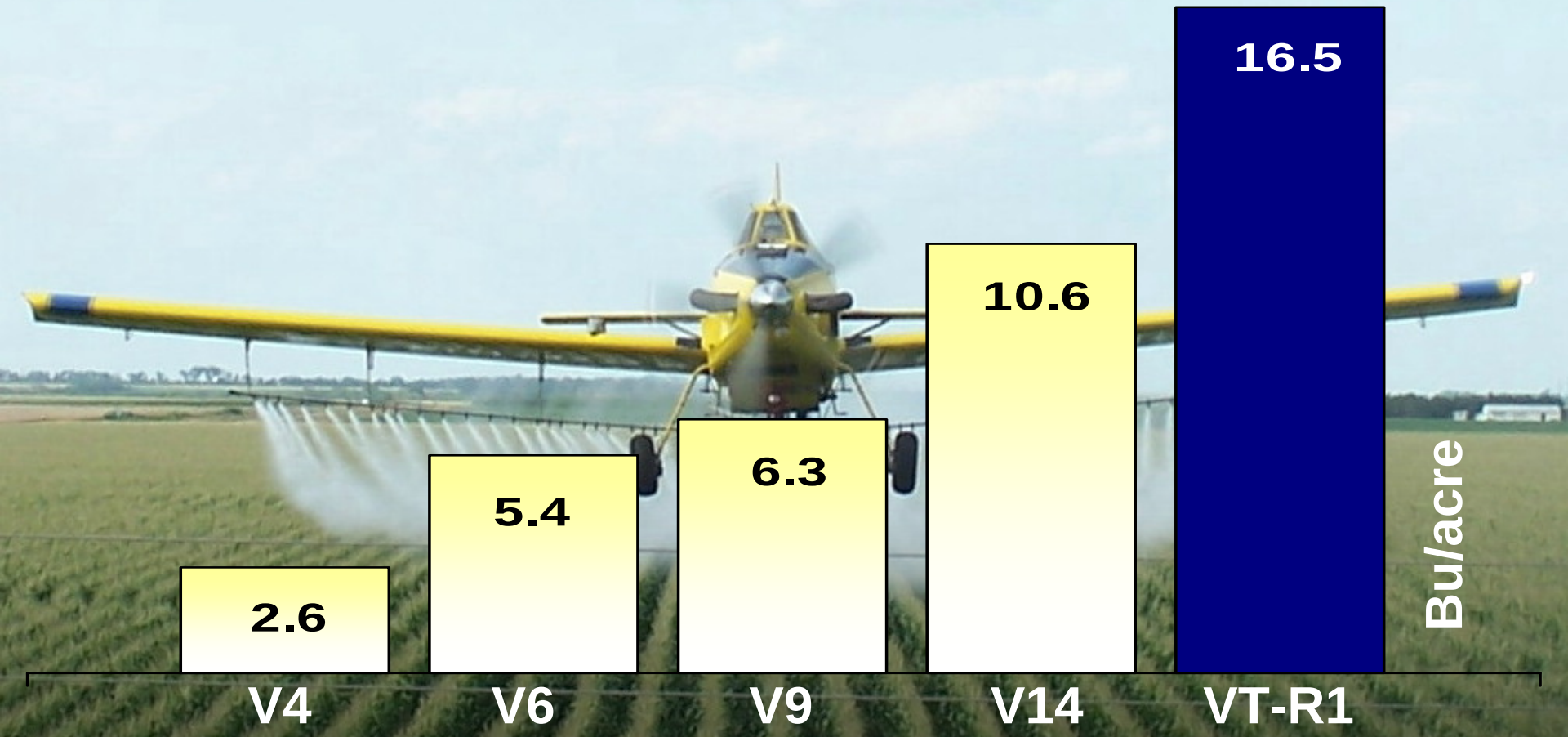


Northeast Iowa – 2010

This grower treated a portion of his field with Headline AMP™ fungicide, leaving an untreated check for comparison at harvest. He also had the aerial applicator spray a swath across the rows to see what kind of response he could get from a 2X rate of Headline AMP™. The response was not only visual in the photo taken just prior to harvest, but was also very visual on the yield map!

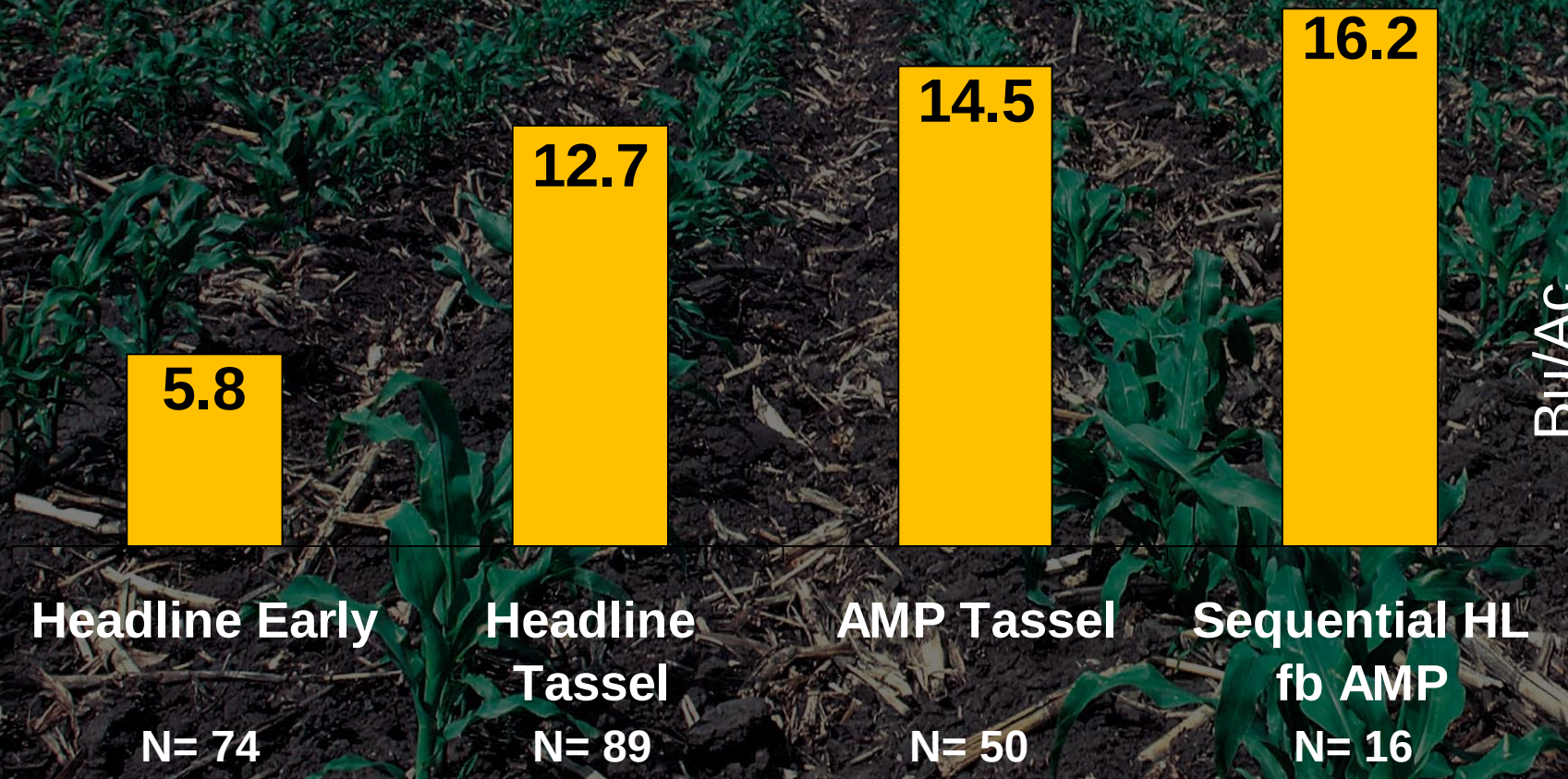
Corn Yield from Headline® by Stage

(Investigating application timing benefits since 2004)



Headline most researched corn fungicide

2010 On-Farm Results



Optimum Application Timing in Corn

2011 Recommendations to Maximize Results

BASF
The Chemical Company

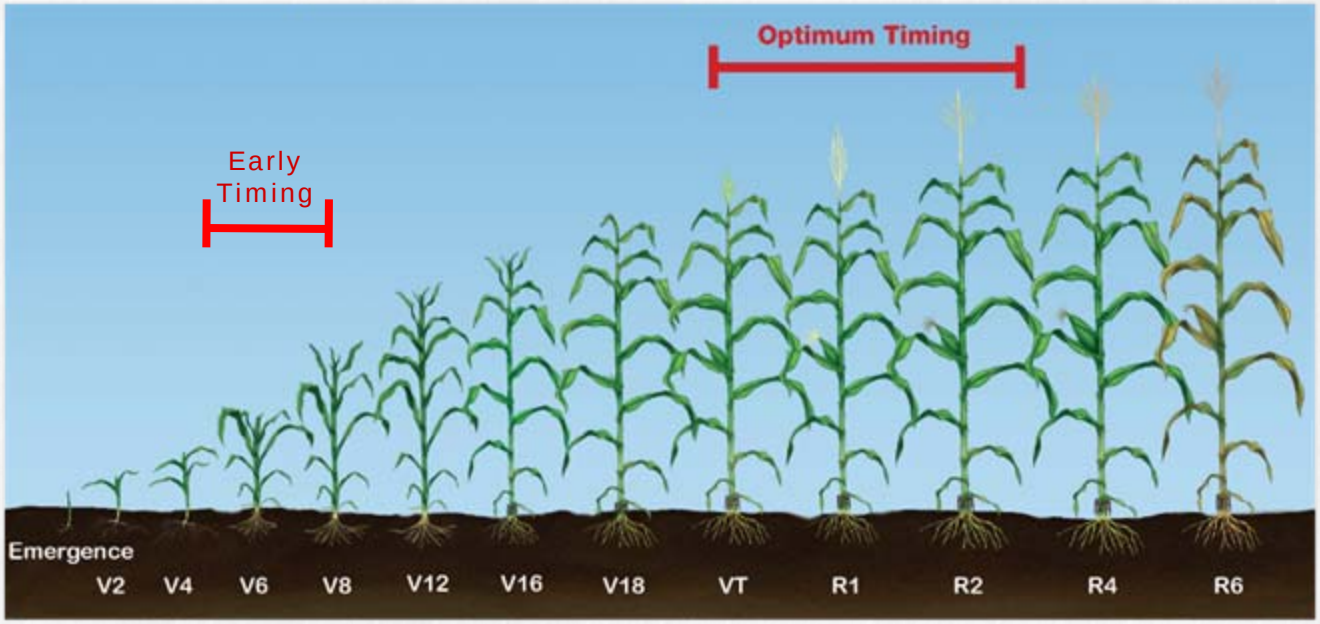
Headline fungicide And Headline AMP fungicide

Headline rate: 6-9 oz/A	Adjuvant Usage		
Ground or Aerial application	Allowed	Adjuvant Not Allowed	Allowed

An adjuvant may be used with **Headline** prior to the V8 stage and after corn reaches the VT stage.

A compatibility agent, another fungicide, or an insecticide may be included in the tank mix, if needed, and labeled for use on corn.

The optimal application timing for **Headline** on corn is the VT to R3 stages (full tassel to milk) or prior to the onset of disease.



*VT stage begins when the last branch of the tassel is completely visible outside of the whorl.

Headline fungicide

Headline AMP fungicide