

2007

# HEADLINE on corn technology sheet



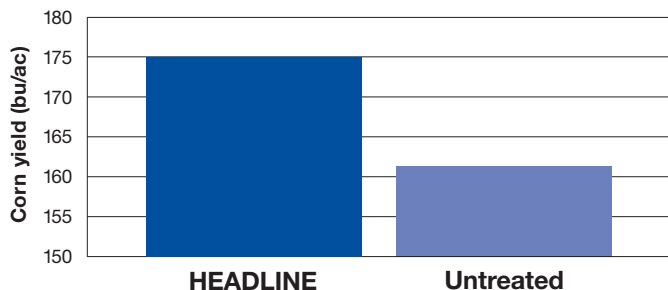
## HEADLINE can do more – including boost yield

With HEADLINE® fungicide, it all starts with great disease control. But it continues throughout the season with visibly hardier plants that show improved stress tolerance and higher growth efficiency. So, by harvest, you can anticipate higher corn yields and better seed quality.

In over 1,000 grower-applied field trials in 2006, HEADLINE delivered a yield boost of 12 to 15 bu/ac across a broad range of growing conditions in the U.S. What's more, in the 2006 U.S. National Corn Yield Contest, the majority of the winners applied HEADLINE fungicide to their winning cornfields, relying on HEADLINE to deliver yield-maximizing disease control and plant health benefits.

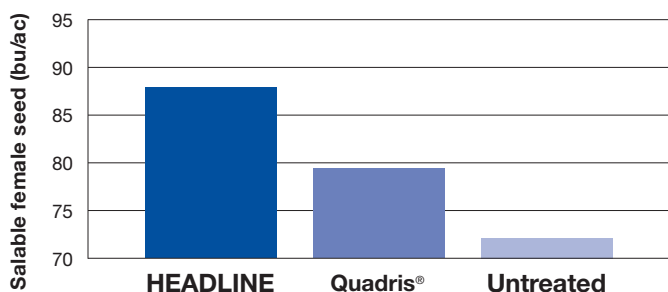
## Better yields, better quality

### Field corn yields



Source: 2002-2004 U.S. corn yield trials (N=35)

### Saleable seed corn



Source: Purdue University, F & N Tests (Volumes 57:FC06, 58:FC025, 60:FC099)

## Stopping disease before it starts

After you apply HEADLINE, its benefits should start to show quickly. And the heavier the disease burden, the more obvious the benefits.

### Controlling gray leaf spot



Source: Third-party (Agrilience) demo site, Aurora, Nebraska, 2006. Treated corn sprayed with 160 mL/ac of HEADLINE.

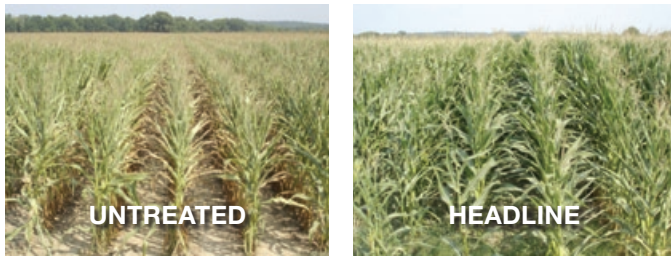


**HEADLINE**  
F U N G I C I D E

## Overcoming environmental stresses

The U.S. experience with HEADLINE has provided us with some amazing results. Field observations indicate the potential for HEADLINE to help plants cope with environmental stress like heat, cold and insufficient or excess moisture.

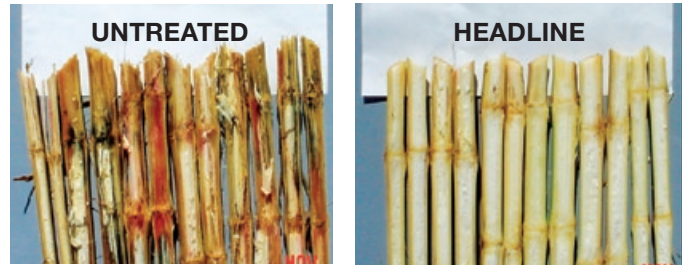
### Responding to drought stress with 25 bu/ac more yield



Source: Hinds County, Mississippi (following an unusually dry growing season). Untreated yield: 112.1 bu/ac. HEADLINE yield: 137.4 bu/ac.

### Hardier, more harvestable plants

Throughout the season, you can expect to see corn plants with greener leaves that last longer, despite crop stress, and hardier stalks that are far less likely to lodge.



Source: R. Hines, University of Illinois

### Application timing and rates

For optimum effect, HEADLINE must penetrate the canopy. Nozzles, pressure and carrier volumes need to be adjusted to ensure medium to fine droplets. For ground application, use high clearance (108") booms. To minimize damage, spray during midday, when the corn is least brittle.

<b>Application rate:</b>	160 mL/ac (sweet, field and seed corn) <b>One jug (6.5 L) treats 40 acres</b>
<b>Water volume aerial:</b>	minimum 4 gal/ac
<b>Water volume ground:</b>	minimum 15 gal/ac
<b>Optimum timing:</b>	pre-tassel to silking

For maximum disease control and benefit, HEADLINE must be used as part of a preventative program. Apply it before any symptoms of disease appear, not in response to an existing disease outbreak.

For more information about HEADLINE, call **AgSolutions®** by BASF at 1-877-371-BASF (2273) or visit our website at [www.agsolutions.ca](http://www.agsolutions.ca)

Always read and follow label directions.

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