BASF Plant Health Fungicides for Improved Drought Tolerance in Corn

Benefits of Priaxor® Fungicide Pre-Tassel
- Controls early season diseases
- Increases root growth, photosynthesis and leaf health
- Improves stress tolerance due to the reduction of ethylene and oxidative stress (a plant hormone and cell damaging molecules that increase in response to stress and inhibit growth)

Labeled Crops
- Corn—all types

Rates and Recommendations
- Use Rate: 4 fl oz/A
- Maximum Applications: 2

Diseases Controlled
- Early season disease control (e.g., anthracnose) and additional Plant Health benefits

General Guidelines
- Adjuvant flexible; however, see label for restriction after the V8 stage and prior to the VT stage of corn growth

Enhanced Root Growth with Priaxor Fungicide Applied Pre-Tassel
Enhanced Root Growth During Vegetative Growth Allows Corn to Withstand Increased Water Stress Later in the Season

BASF sponsored replicated trial, Murray State University, Murray, KY 2013. Priaxor fungicide applied to V5 corn (4 fl oz/A)

Note similarity in 2015 compared to 2012.
Benefits of Headline AMP® Fungicide

- Delivers the most yield at tassel
- Provides best-in-class preventative and post-infection disease control
- Improves stalk strength

Labeled Crops

- Corn—all types

Rates and Recommendations

Use Rate: 10 fl oz/A
Maximum Applications: 4

Diseases Controlled

- Late season disease control (e.g., gray leaf spot, northern corn leaf blight, common and southern rusts, eyespot) and additional Plant Health benefits (growth efficiency and stress tolerance)

General Guidelines

- Adjuvant flexible; however, see label for restriction after the V8 stage and prior to the VT stage of corn growth

Headline AMP Fungicide Performance—Heat and Moisture Stressed Corn

Stark County, IL

Headline AMP fungicide was applied at 10 fl oz/A to hybrid corn @ V8 growth stage. Photos taken on July 10, 2012.

Increased Heat and Stress Tolerance with Headline AMP fungicide

Reduced Canopy Temperatures and Increased Plant Health

BASF-sponsored replicated field trial. Murray State University, Murray, KY, Photos taken 6 days after VT application. Intensive Management: Headline® fungicide (6 fl oz/A) + starter fertilizer – in-furrow (5 GPA), Priaxor® fungicide (4 fl oz/A) – V5, Priaxor fungicide (4 fl oz/A) – V8, Nutritional (N, K, Mg, B, S) – V12, Headline AMP fungicide (10 fl oz/A) + Fastac™ insecticide (3.2 fl oz/A) + Nutritional (N, K, Mg, B, S, Zn) – VT.

Increased Heat and Stress Tolerance

Untreated (94.6°F) vs. Intensive Management (89.3°F)