

Headline AMP[®]

Fungicide

Grow Smart[™]
with BASF

Influence on Hail Damaged Corn

Hail Damage to Corn:

- Reduces leaf/stem area for photosynthesis
- Wounds provide entry point for pathogens
- Corn enters shock stress due to injury

Headline AMP[®] Fungicide May Speed Recovery from Hail Due to:

- Superior disease protection
- Improved growth efficiency (eg., photosynthesis)
- Increased ability to manage the stress associated with hail damage

Headline AMP fungicide provides more consistent performance for maximum yield potential

Estimated Yield Reduction (%) Caused by Hail Damage

Stage	Percent Leaf Area Destroyed									
	10	20	30	40	50	60	70	80	90	100
V7	0	0	0	1	2	4	5	6	8	9
V10	0	0	2	4	6	8	9	11	14	16
V13	0	1	3	6	10	13	17	22	28	34
V16	1	3	6	11	18	23	31	40	49	61
V18	2	5	9	15	24	33	44	56	69	84
VT	3	7	13	21	31	42	55	68	83	100

Source: USDA

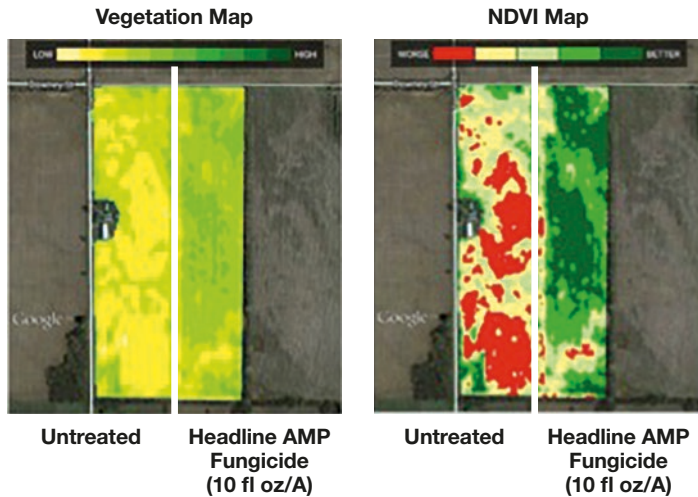
- Damage prior to V6 rarely affects yield
- Damage after V6 can impact yield, but recovery is possible

Technical Information Bulletin

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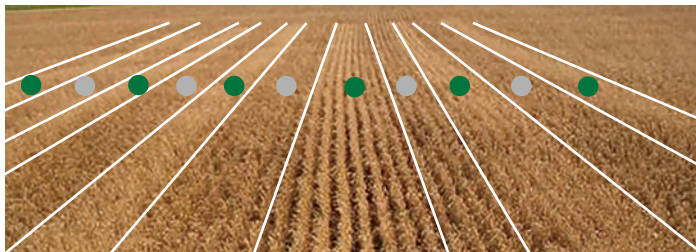


Disease Control and Hail Damage Plant Health Response with Headline AMP® Fungicide (+22 bu/A)



On-farm trial, Dowagiac, MI, 2015. Headline AMP fungicide applied 5 days after hail event. Photos taken September 14.

Reduced Stress from Hail Damaged Corn with Headline® Fungicide



- Untreated 179.5 bu/A
- Headline Fungicide Treated Area – 190.4 bu/A



Untreated

Headline Fungicide

Research strips treated with Headline fungicide on July 22. Applied 6 days after hail event. Field photo taken September 25, 2007. Leaf photos taken September 9 – North East Iowa Research and Demonstration Center, Nashua, IA.

Headline AMP Best Use Recommendations

- **Use Rate:** 10 fl oz/A
- **Labeled Crops:** Corn (all types)

Application Information

- Aerial: 2 GPA minimum; Ground: 10 GPA minimum
- PHI: 20-days for field and popcorn grain; 7-days for seed and sweet corn
- REI: 12 hours

Adjuvants

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

Target Diseases

- Anthracnose
- Eyespot
- Gray leaf spot
- Northern corn leaf blight
- Northern corn leaf spot
- Physoderma brown spot
- Rust, Southern and common
- Southern corn leaf blight
- Yellow leaf blight



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

Headline AMP®
Fungicide

Always read and follow label directions.

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