

Headline®

Fungicide

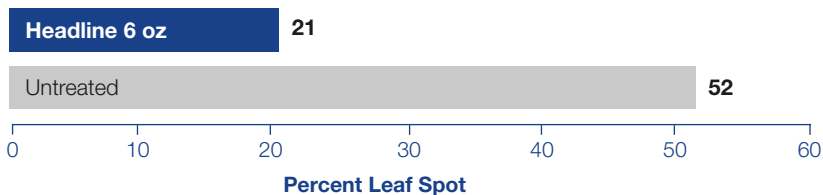
Disease Control and Plant Health in Alfalfa

Benefits of Headline® Fungicide

- Outstanding disease control
- Plant Health Benefits including increased leaf retention and quicker green-up after harvest
- Increased yield potential
- Improved forage quality

Headline fungicide increases yield potential in Alfalfa

Alfalfa Disease Control



2011 replicated trial. University of Minnesota, Waseca, MN. Average disease ratings for cuttings 1, 2, and 3.

Increased Leaf Retention and Quicker Green-up



2011 On-Farm trial: Markesan, WI. Photos taken 1 day after cutting and 1 hour after harvest.



Technical Information Bulletin

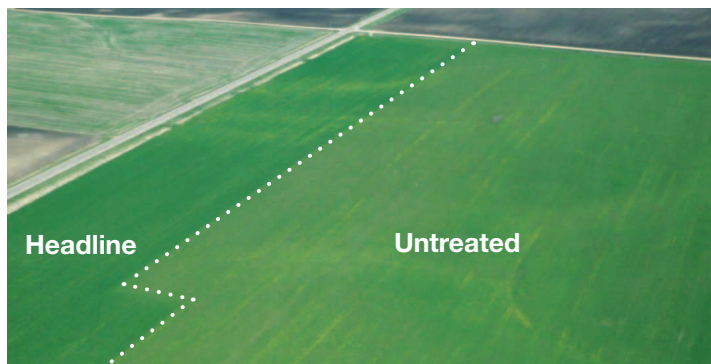
 **BASF**
The Chemical Company

Healthier Canopy with Headline® Fungicide

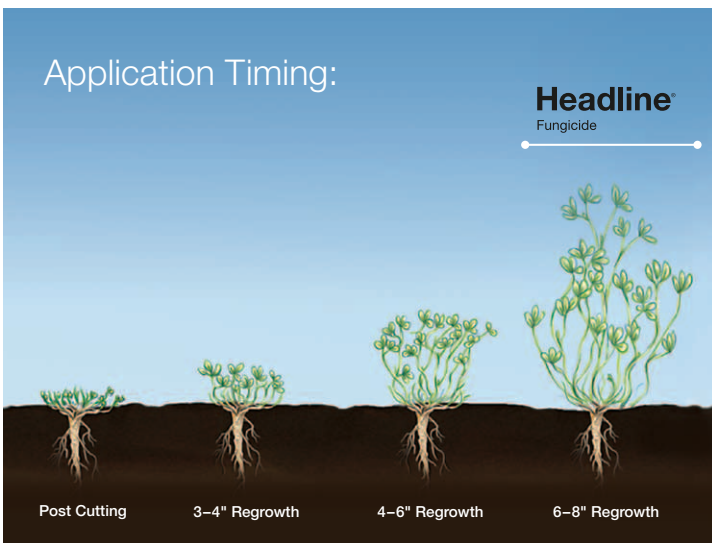


2011 On-Farm trial: Eleva, WI. Photos were taken prior to cutting 2nd crop.

Healthier Alfalfa with Headline



2012 Commercial Demonstration, Headline 6 fl oz/A–Aerial Photo 21 DAT–Stearns County, MN



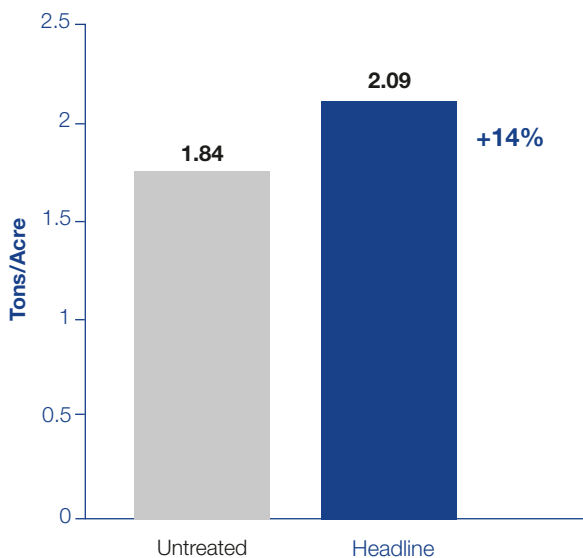
Best Use Recommendations

- Use Rate: 6–9 fl oz/A
- PHI: 14 days
- For optimal protection apply Headline to 6–8 inch tall alfalfa, before the highest yielding cuttings, typically the first and second cuttings
- For resistance management, only use 2 consecutive applications of Headline before alternating to another mode of action
- Maximum Applications Per Season: 3
- Carrier Volume:
Ground: 15–20 GPA
Air: 2 or more GPA

Target Diseases

- | | |
|----------------------|--------------------------|
| ■ Anthracnose | ■ Rust |
| ■ Common leaf spot | ■ Spring black stem |
| ■ Downy mildew | ■ Stagnospora leaf spot |
| ■ Leaf spot | ■ Stemphyllium leaf spot |
| ■ Powdery mildew | ■ Summer black stem |
| ■ Rhizoctonia blight | ■ Yellow leaf blotch |

Increased Yield Potential



2011–2012 Average yield increase 129 on-farm trial cuttings in Wisconsin (80), Iowa (18), Michigan (15), Colorado (7), Idaho (3), Kentucky (3), Pennsylvania (2), Oklahoma (1). Headline 6 fl oz/A.