

## Foliar Fungicide Treatments in Alfalfa

2012

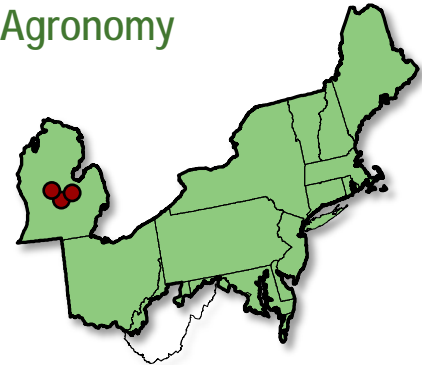
### Objectives

- Determine value of foliar fungicide applications on mature alfalfa using field-scale trials.
- Assess effect of fungicide application on yield, crude protein, digestibility, and relative feed quality.

### Study Description

- Plot Layout:** Fields were split into treated and untreated blocks.
- Replicates:** One per location. Multiple wind-rows were used as treatment subsamples.
- Locations:** 3 in central Michigan
- Factors:**
- Foliar fungicide: Treated, untreated
  - Locations were sprayed with 6 oz/acre of Headline® fungicide seven days after first cutting.
  - Data were collected on the second cutting harvest.

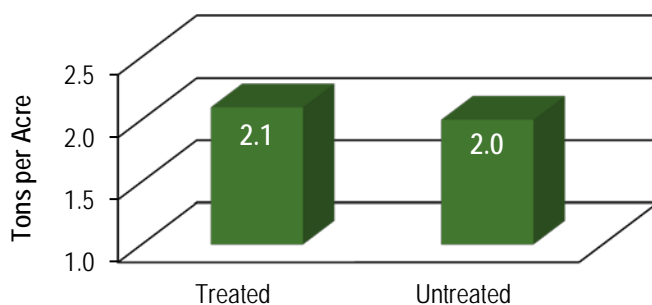
### Northeast Agronomy Research



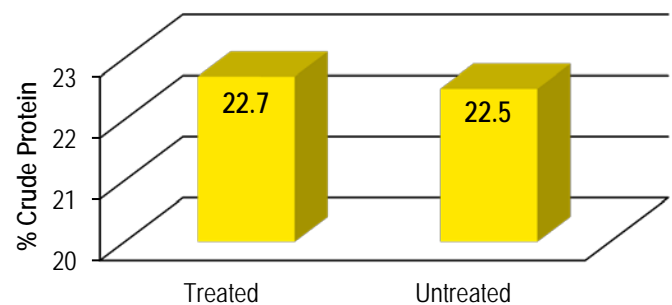
### Results

- Results shown are averaged across locations.
- Alfalfa stands were similar among locations.
- Treated and untreated yields and quality components were similar at two of the three locations.
- One location seeded in fall 2009 had a modest yield, protein, relative feed quality, and %NDFd gain with foliar fungicide compared to untreated (Data not shown).
- This study will be repeated in 2013.

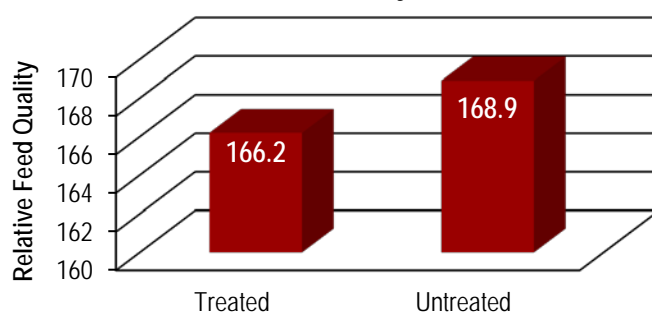
Tons/Acre by Treatment



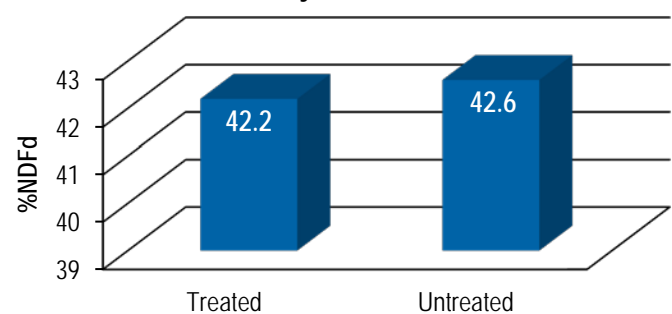
% Crude Protein by Treatment



Relative Feed Quality Treated vs Untreated



%NDFd by Treatment



Thanks to Dann Bolinger, Northeast BU Dairy Specialist and Countrywide Ag Services, LLC. for assistance with this study.

2012 data are based on average of all comparisons made in 3 locations through November 30, 2012. Multi-year and multi-location is a better predictor of future performance. Do not use these or any other data from a limited number of trials as a significant factor in product selection. Product responses are variable and subject to a variety of environmental, disease, and pest pressures. Individual results may vary. All products are trademarks of their manufacturers.

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