



Grass Forage Yield Response to Foliar Fertilizer

Raleigh, IL 2021

Experiment Info:

Planted:	5-10-2019
Harvest:	9-10-2021
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	7"
Prev. Crop:	
Plot Size:	2.5 acre
Replications:	2

Soil Test Values (ppm):

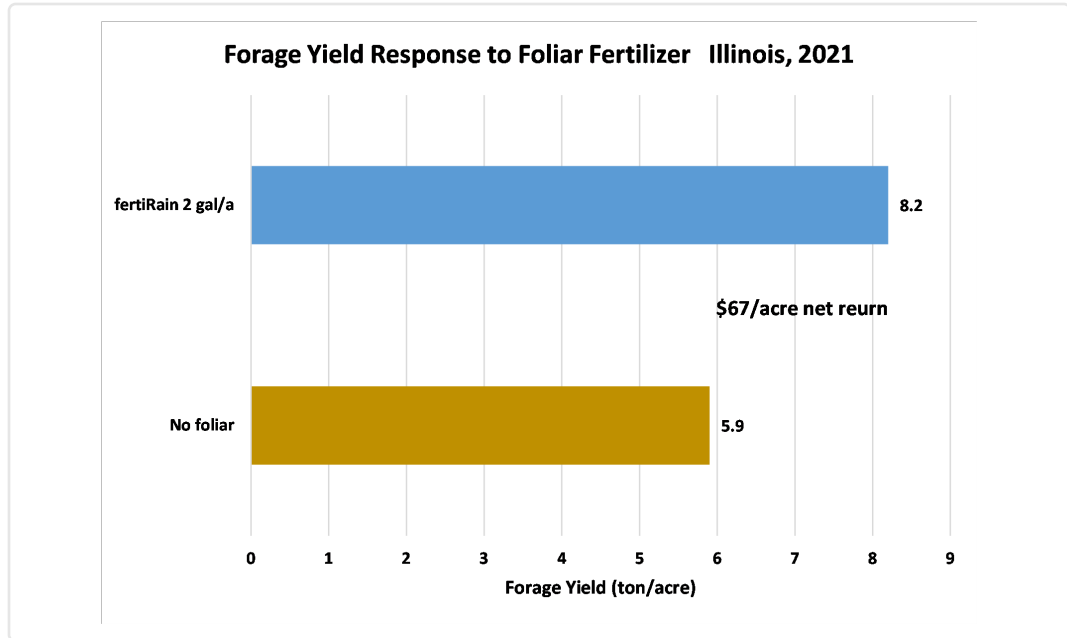
pH:	6.6
CEC:	14.1
%OM:	2.8
Bray P1:	53
Bicarb P:	
K:	70
S:	12
%K:	1.3
%Mg:	7.4
%Ca:	70.5
%H:	19.9
Zn:	1.6
Mn:	163
B:	0.5

Objective:

Evaluate the response of a timothy + teff + fescue grass mixture to foliar applications of fertiRain.

FertiRain was applied at 2 gal/a to an established timothy + teff + fescue grass field on June 24, 2021. The control and treated plots were harvested on July 18 and September 10, 2021.

Forage yield was combined for both harvest dates. Data is reported in tons/acre.



Conclusions:

- Forage yield in fertiRain treated plots was 2.3 ton/acre higher than in the control plots.
- Using a value of \$125/ton for forage, minus the cost of the fertilizer, the net return for that fertiRain treatment was approximately \$67/acre.