



Grass Forage Yield Response to Foliar Fertilizer

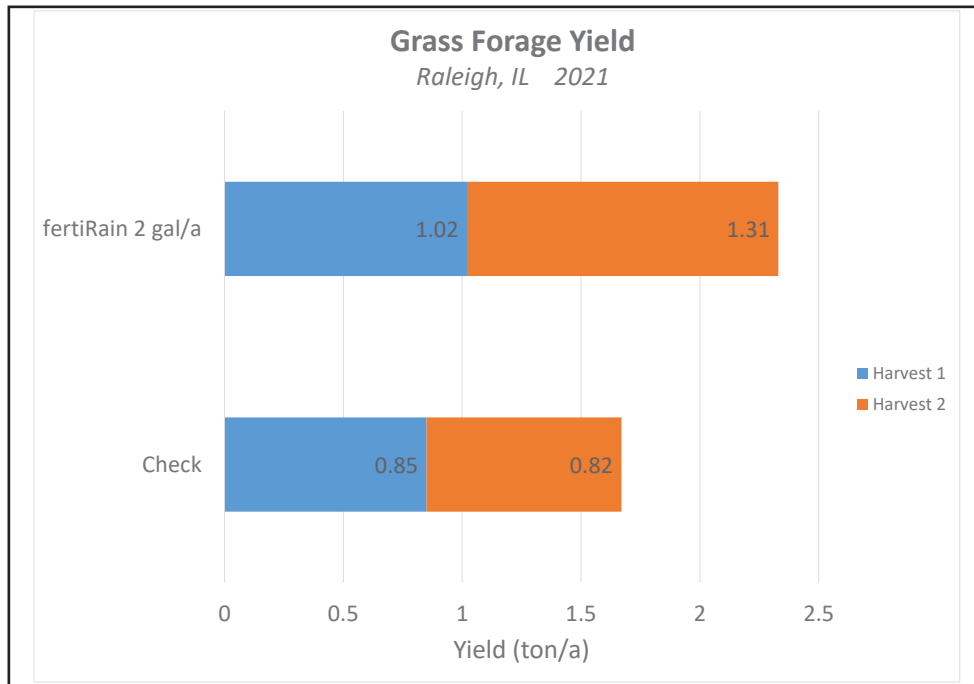
Raleigh, IL 2021

Experiment Info	
Planted:	5-10-219
Harvested:	9-10-2021
Yield Goal:	
Variety:	
Pop.:	
Row Width:	7"
Prev. Crop:	
Plot Size:	2.5 acre
Reps:	2

Soil Test (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 about 650 lb/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.