



Foliar fertiRain Applications on Forage Grasses, 2022

Raleigh, IL

Experiment Info	
Planted:	5/10/20
Harvested:	6/21/22
Yield Goal:	
Variety:	
Pop.:	
Row Width:	7"
Prev. Crop:	
Plot Size:	7 acre
Reps:	1

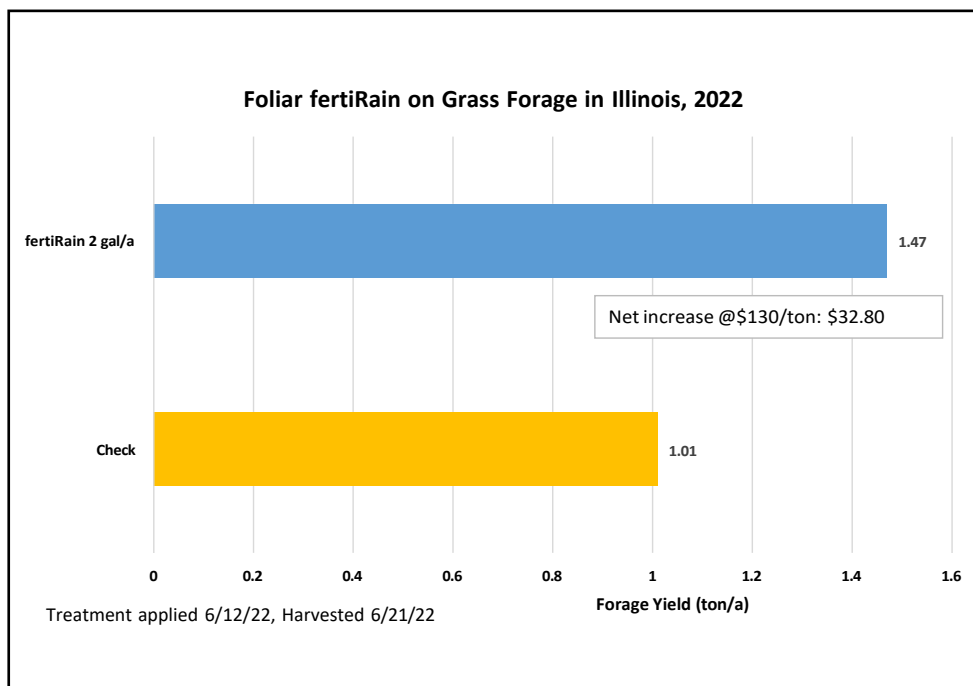
Objective:

Forage grasses are an important part of livestock production. In addition to nitrogen, forage grasses respond to phosphorus, potassium, and micronutrient fertility.

The objective of this trial was to evaluate the effect of foliar application of fertiRain on a Timothy + Teff + Fescue grass mix. FertiRain was applied at 2 gal/acre on 6/12/22 and was harvested 6/21/22. The trial included a check that did not receive foliar fertilizer.

The weather conditions were warm and dry throughout the duration of the trial, which may have limited the forage grass response to the fertilizer.

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



Conclusions:

One application of fertiRain at 2 gal/acre improved forage grass yield by over 0.4 tons/acre, even in the warm, dry conditions of the trial.

Net increase in revenue, (increased yield - cost of fertilizer) was \$32.80 using forage market price of \$130/ton.

This is the second year of this trial in Raleigh, IL. Results from 2021 also showed a positive yield response and net increase in revenue. This trial shows the value of fertiRain as an important part of grass forage crop nutrition.