



Alfalfa-grass trial, new seeding (2016)

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Experiment Info:

Planted: 5/13/2016

Harvest:

Yield Goal: 3

Target Fert.:

Variety:

Population:

Row Width:

Prev. Crop: 0

Plot Size:

Replications:

Soil Test Values (ppm):

pH:

CEC:

%OM:

Bray P1:

Bicarb P:

K:

S:

%K:

%Mg:

%Ca:

%H:

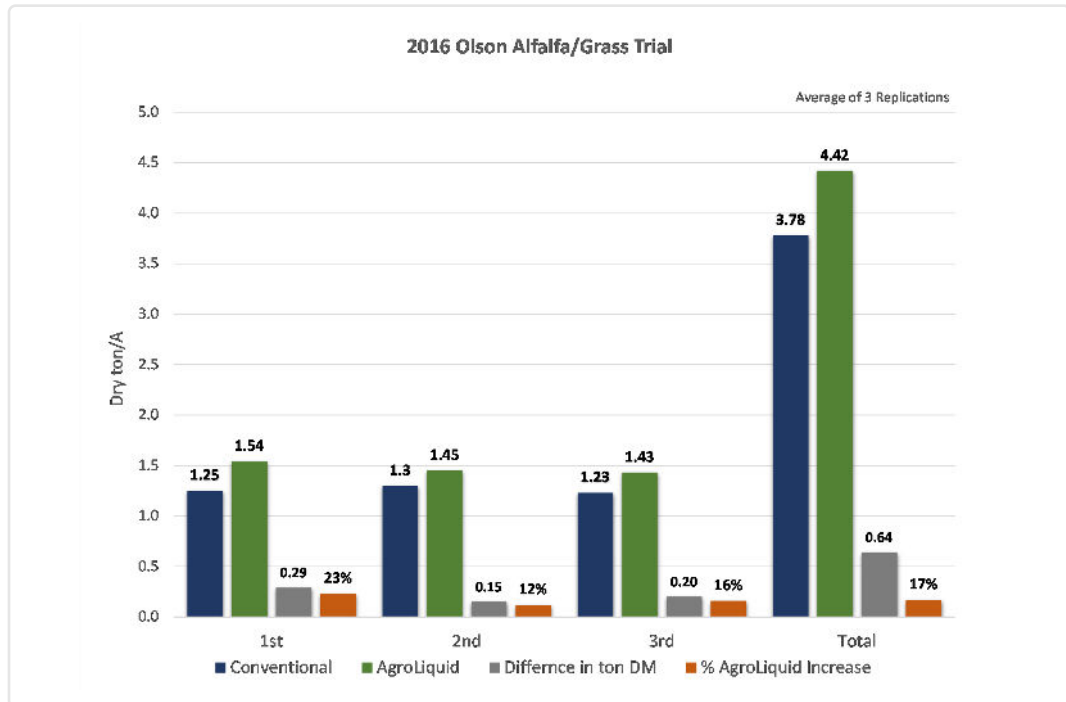
Zn:

Mn:

B:

Objective:

This trial is to compare yield and forage quality of a new seeded alfalfa-grass mixture between a common to the area conventional dry fertilizer treatment and an AgroLiquid program designed to match the conventional program using the equivalency chart. The trial is designed to run for 3 years. The conventional treatment was a total of 350 # 0-14-42 + 22# sulfur + 1.5 # boron + 120# urea in a split application.. AgroLiquid treatment was total of 5 gal ProGerm + 10 gal Sure K + 3 gal S-Calate + 10 gal High NRG-N + 3 gal NResponse + 24 oz MicroLink B in a split application. Split application = one half of the total fertilizer was applied pre-plant and the other half as a top-dress (dry) or early foliar (AgroLiquid).



Conclusions:

The results are the aggregated totals from 3 cuttings and 3 replications. The AgroLiquid program out-yielded the conventional fertilizer by a consistent and large margin. The chart shows the results in total tons Dry Matter per acre for each of the 3 cuttings, the DM differences of each cutting, and the percentage difference in favor of AgroLiquid.