

Pasture Trial

Flint Hills, KS

Treated with 2 Gal/Acre of HyprGrow

Treated Acres produced 500 lbs/acre more Dry Matter

Summary - 16 additional head were able to graze during the summer season. This yielded an **additional profit of \$1,165 or \$21/acre.**

How this profit was determined...

Extra Dry Matter Available

500 lbs Dry Matter x 151 grazing acres = 75,500 lbs extra forage

75,500 lbs x 0.5 utilization rate = 37,750 lbs Dry Matter for steers

Extra Dry Matter available per day = 37,500 lbs DM / 90 days = 419.4 lbs DM

Expected Avg Body Weight = 750 lbs in-weight + (2.5 lbs ADG x 90 days x 0.5) = 862.5 lbs

Expected mean DMI = 862.5 lbs x 0.03 = 25.9 lbs DM/day

Additional head = Extra DM available per day / Expected mean Dry Matter Intake

419.4 lbs DM / 25.9 lbs DM per day = 16.2 extra steers

Additional revenue = 16 extra steers x \$120/steer/90-day season = \$1,920.00

Revenue/Acre - \$1,920/75.5 acres = \$25.43/acre

HyprGrow Treatment Cost/Acre - \$10

Net Profit - \$1,165 or \$21/Acre