

SEA-90 Pasture /Hay Trial

Goal:

Trial analysis comparing pasture Grass Protein, RFV, TDN% and ADF% produced from hay fertilized SEA-90 Foliar application (vs) broadcast application of SEA-90 and Urea Nitrogen Fertilizer.

Parameters:

Time Frame: Study conducted over 3 years. Samples collected after third application - third year.

Total Area: 30 acres per trial.

Test 1: SEA-90 Foliar Fertilizer applied 3X times per year at rate of 5 lbs per acre mixed into 20 gallons water.

Test 2: SEA-90 Ag Mineral Fertilizer broadcast at rate of 500 lbs per acre once each year year.

Cost:

Test 1: \$0.53 per lb or \$2.65 per acre per application - \$7.95 per acre per year.

Test 2: \$0.40 per lb or \$200 per acre per year

Results:

CP (crude protein):	Test 1 14%	Test 2 29%	(107% increase)
TDN (total digestible nutrients:	Test 1 58%	Test 2 66%	(14% increase)
RFV (relative feed value)	Test 1 88%	Test 2 155%	(76% increase)
ADF (acid detergent fiber)	Test 1 29%	Test 2 28%	(1% decrease) Poor quality pasture has > 32% ADF value.

