

## **SEA-90 Research Northern Wisconsin**

<b>Field 1 ALFALFA</b>	<b>CONTROL Best Practice</b>	<b>5 LB SEA-90/Acre Foliar Application</b>	<b>% Increase</b>
Crude Protein	12%	26%	53%
Soluble Protein	53%	65%	18%
PH	4.2%	5.4%	22%
Ash	8%	9%	11%
Calcium	.16%	1.20%	106%
Magnesium	.15%	.23%	35%
Sulfur	.17%	.36%	52%
Fat	2.85%	2.96%	4%
NDFD-30 (Neutral detergent Fiber Digestibility)	37%	64%	42%
NEL (Net Energy Lactation) Concentration	.60	.71	15%
NEG (Net Energy Growth)	.33	.40	17.5%
NEM Net Energy Maintained)	.60	.66	9%
RFQ (Relative Feed Quality)	118	189	38%
RFV (Relative Feed Value)	93	161	42%
TDN (Total Digestible Nutrients)	62	69	21%

<b>Field 2 ALFALFA</b>	<b>CONTROL Best Practice</b>	<b>5 LB SEA-90/Acre Foliar Application</b>	
Crude Protein	17	19	10.5%
Soluble Protein	14	31	55%
RFV (Relative Feed Value)	125	177	29%
RFQ (Relative Feed Quality)	133	171	22%
NDFD-30 (Neutral Detergent Fiber Digestibility)	45	69	35%
NEG (Net Energy Growth)	.31	.45	31%
NEM Net Energy Maintained)	.57	.72	21%
NEL (Net Energy Lactation) Concentration	.58	.75	23%

### **Pasture Research Northern Florida – October 2009**

<b>BAHIA GRASS</b>	<b>CONTROL Best Practice</b>	<b>5 LB SEA-90/Acre Foliar Application</b>	
Crude Protein	8%	17%	53%
TDN (Total Digestible Nutrients)	45%	70%	36%

**(Analysis conducted by Forage Extension Laboratory – Ona, Florida)**