

(Greg Endres and Mike Ostlie)

Plant stand was statistically similar among treatments (Table). Plant vigor was visually evaluated on June 18 and was similar among treatments (data not shown). Plant nodule counts were taken on three plants/plot about three weeks after plant emergence and one month after foliar product application. Average nodule number was similar among treatments at each sampling date. Days to flower (data not shown) and plant maturity were similar among treatments. Seed yield, test weight, seed count, and seed oil and protein content were similar among treatments.

Table.											
Treatment			Plant				Seed				
Number	Inoculant	Application method/ timing		Nodules			Yield	Test weight	Number /lb	Oil	Protein
			Stand (June 12)	18-Jun	25-Jul	Phy. mat					
			plt/A	no./plt		Jday	bu/A	lb/bu		%	%
1	untreated check	x	192,565	10	45	246	41.7	56.3	3680	19.4	35.1
2	Dyna-Start liquid	seed	193,515	10	47	246	42.7	56.5	3815	19.2	35.5
3	Dyna-Start liquid	seed	210,105	9	48	247	45.4	56.3	3930	19.5	34.9
	LPI 6658 nodule enhancer	foliar									
	Liberate										
4	LPI 6658 nodule enhancer	foliar	193,515	10	52	246	43.6	56.0	3710	19.5	34.8
	Liberate										
mean			195,175	10	48	246	43.3	56.3	3785	19.4	35.1
CV (%)			21.4	26.4	22.5	0.2	6.8	0.8	10.3	1.5	1.6
LSD (0.05)			NS	NS	NS	NS	NS	NS	NS	NS	NS