

Trmt. ID	Treatment Code	Company	Form.	Plant Stand plants/ft ²	Nodule Mass mg/plant	Nodule Number # / plant	Root Weight mg/plant	Test Weight lb/bu	1000 KWT gram	Seeds/ Pound	Seed Protein %	Seed Yield bu/ac
1	Check	NA	NA	7.1	9.9	19	10.8	65.4	202	2255	20.6	51.7
2	60 lb N	NA	NA	6.6	4.5	14	9.1	66.0	196	2319	20.5	44.6
3	Primo	INTX Microbials	Liquid	6.4	8.8	16	9.6	64.8	196	2318	20.7	50.4
4	Nature's Aid	INTX Microbials	Granule	6.7	9.3	17	10.7	65.6	197	2304	20.4	47.5
5	ABM "XAO"	Advanced Biological Marketing	Powder-Peat	7.1	8.4	13	10.3	65.4	200	2271	20.5	48.5
6	ABM "XTD"	Advanced Biological Marketing	Liquid	6.3	7.8	19	10.4	65.7	194	2341	20.7	43.6
7	Optimize Pulse	EMD Crop BioScience	Liquid	6.3	5.4	11	9.8	66.0	203	2238	20.5	48.8
8	Optimize Pulse IF	EMD Crop BioScience	Granule	6.9	7.5	22	9.5	65.9	199	2285	20.4	45.4
9	Nodulator Liquid	Becker Underwood	Liquid	7.2	12.3	18	10.9	65.3	193	2353	20.6	50.9
10	Nodulator Peat Granules	Becker Underwood	Peat Granule	6.3	9.6	17	10.3	65.8	200	2275	20.7	44.9
11	BUEXP-PL1	Becker Underwood	Granule	6.6	10.4	17	10.2	65.4	203	2238	20.7	52.0
12	MicroNFP Liquid DOS	Pulse USA	Liquid	7.0	6.7	17	11.0	65.9	203	2241	20.5	48.1
13	MicroNFP Liquid PT	Pulse USA	Liquid	6.6	10.1	14	11.3	65.3	203	2233	20.6	54.7
14	MicroNFP Dry DOS	Pulse USA	Dry	7.0	11.5	16	11.6	65.6	198	2294	20.6	51.2
15	MicroNFP Dry PT	Pulse USA	Dry	6.8	11.1	15	12.0	65.4	200	2272	20.4	52.0
16	MicroNFP Liquid + TJ QR DOS	Pulse USA	Liquid	6.5	9.6	16	10.3	65.9	194	2340	20.3	50.0
17	MicroNFP Liquid + TJ QR PT	Pulse USA	Liquid	8.4	8.1	13	7.7	65.7	201	2256	20.3	51.2
18	TerrMax Granule (Exp'l)	Pulse USA	Granule	7.2	10.3	23	10.6	65.5	201	2263	20.4	55.4
19	Liquid Pea 01	Brett-Young	Liquid	6.8	11.0	20	11.6	64.7	209	2178	20.9	62.2
MEAN				6.8	9.1	17	10.4	65.5	200	2278	21	50.2
C.V.%				13.6	52.1	44.7	20.0	1.0	4.4	4.4	1.9	15.9
LSD (0.05)				1.6	5.3	NS	NS	0.7	10	112	NS	9.0
LSD (0.01)				2.1	7.0	NS	NS	1.0	13	149	NS	11.9
Pr > F				0.1193	0.0097	0.2856	0.1105	0.0068	0.0151	0.0161	0.2156	0.0042
#REPS				6	6	6	6	6	6	6	6	6

Planting Date = June 1 ; Harvest Date = August 31 ; Previous Crop = Spring Wheat

Plant samples for biomass and nodule measurements were collected at end bloom

Soil test indicated 22 lbs of available N in top 2 feet of soil profile, P = 10 ppm, K = 207 ppm, Organic Matter = 2.5%, Soil pH = 8, Soluble salts = 0.29 mmho/cm