2009 Dry Bean Inoculation Trial - Commercial Product Evaluation **Carrington**

Trmt. ID	Treatment Code	Company	Form.	Plant Stand^	Shoot Biomass	Root Biomass	Nodule Mass	Nodule Number	Plant Height	Leaf Retention	Test Weight^	1000 KWT^	Seeds/ Pound^	Seed Yield^
				1000plants/ac	mg/plant	mg/plant	mg/plant	# / plant	cm	%	lb/bu	gram		lb/ac
1	Check	NA	NA	50	19.2	1.2	6.6	36.6	39	19	60.8	380	1198	2426
2	60lb-N	NA	NA	54	17.0	1.0	4.7	23.5	37	8	61.2	399	1137	2573
3	N-Charge	INTX Microbials	Peat	49	22.6	1.4	4.1	18.6	38	9	60.6	346	1309	2403
4	Froze-N	INTX Microbials	Frozen Liquid	50	16.4	1.0	4.6	19.3	41	13	60.1	387	1174	2457
5	ABM "XAR"	Advanced Biological Marketing	Powder-Peat	54	23.3	1.3	4.3	20.8	41	15	60.6	409	1111	2506
			MEAN	51	19.7	1.2	4.8	23.7	39	13	60.7	384	1186	2473
			C.V.%	6.1	21.2	20.0	41.1	41.0	9.7	64.4	0.7	4.9	4.7	6.1
			LSD (0.05)	6	6.4	NS	NS	NS	NS	NS	NS	35	102	NS
			LSD (0.01)	8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Pr > F	0.0005	0.0678	0.1380	0.4661	0.2987	0.7494	0.5070	0.3070	0.0534	0.0339	0.4560
			#REPS	4	4	4	4	4	4	4	4	4	4	4

^ A limited number of plots damaged during cultivation were exlcuded from analysis

Planting Date = June 4 ; Harvest Date = November 10; Previous Crop = Soybean; Dry Bean Cultivar = Lariat (Pinto)

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