

**NDSU Carrington Research Extension Center
2008**

Dry Bean Seed Treatment Evaluation: Syngenta Collaboration

Carrington

Trmt. #	Seed Treatment	Fl. Oz. Product/ 100 lb Seed	Plant Stand ^E acre ⁻¹	Plant Stand ^L acre ⁻¹	Stand Vigor*	100 KWT gram	Test Weight lb/bu	Seed Yield bu/ac
1	Untreated Check		28,332	64,410	3.2	33.3	61.9	2097
2	Apron XL + Maxim	0.16 + 0.08	36,079	67,066	3.7	33.6	61.6	2240
3	Apron XL + Maxim + Dynasty	0.16 + 0.08 + .153	40,505	73,264	3.7	32.9	61.5	2069
4	Apron XL + Maxim + Dynasty + Cruiser	0.16 + 0.08 + .153 + 0.25	32,095	73,043	4.0	32.4	61.6	2197
5	Apron XL + Maxim + Dynasty + Cruiser	0.16 + 0.08 + .153 + 0.50	29,660	67,066	4.0	32.9	61.9	2252
6	Apron XL + Maxim + Dynasty + Cruiser	0.16 + 0.08 + 0.153 + 1.28	31,873	66,181	3.3	32.9	61.7	2161
7	Apron XL		27,225	62,861	3.3	33.1	61.6	2106
MEAN			33,113	68,151	3.5	32.9	61.6	2160
C.V.%			23.9	11.8	14.2	3.6	1.0	9.1
LSD.05			NS	9317	0.6	NS	NS	NS
LSD.01			NS	NS	NS	NS	NS	NS
#REPS			6	6	6	6	6	6

Planting Date = May 21 ; Harvest Date = October 9 ; Previous Crop = Spring Wheat

Statistics reflect a broader analysis with additional treatments not shown in this table or results.

* Stand Vigor : Scored on scale of 1 to 5 where 1 equals very poor vigor and 5 equals excellent vigor.

^E Plant stand^E = early or initial plant stand recorded on June 4.

^L Plant stand^L = Later or final plant stand recorded on June 17.

Stampede pinto was the dry bean cultivar utilized.