

**NDSU Langdon Research Extension Center
2014 Variety Trial**

Dry Bean-2014-Table 1 **Langdon**

Variety	Type	Days to Maturity ¹	100 Seed Wt. grams	Yield				
				2012	2013	2014	2 yr Avg.	3 yr Avg.
LaPaz	Pinto	101	36.1	3510	3324	2900	3112	3245
Lariat	Pinto	f	39.1	3697	2832	2445	2639	2991
Stampede	Pinto	101	37.2	3423	2720	3020	2870	3054
Maverick	Pinto	f	41.9	3079	2860	2848	2854	2929
ND-307	Pinto	102	42.5	3257	2792	3113	2953	3054
Windbreaker	Pinto	f	42.2	3457	2328	2822	2575	2869
Sinaloa	Pinto	102	34.5	--	--	3285	--	--
SF103-8	Pinto	104	37.6	--	--	2297	--	--
23ST27	Pinto	100	40.0	--	--	2524	--	--
Sedona	Pink	100	34.4	2587	1800	2306	2053	2231
Rosetta	Pink	104	32.9	--	--	2547	--	--
Merlot	Small Red	f	34.5	--	2224	2180	2202	--
Rio Rojo	Small Red	103	29.8	--	2252	2656	2454	--
Pink Panther	Light Red Kidney	f	55.5	--	--	1849	--	--
Rosie	Light Red Kidney	f	46.9	--	--	1607	--	--
Montcalm	Dark Red Kidney	f	31.6	--	--	1672	--	--
Talon	Dark Red Kidney	101	45.1	--	--	1754	--	--
Mean			--	3229	2608	2460	--	--
C.V. %			--	10.0	11.9	9.3	--	--
LSD 10%			--	439	398	388	--	--
LSD 5%			--	531	477	470	--	--

Variety	Type	Days to Maturity ¹	100 Seed Wt. grams	Yield				
				2012	2013	2014	2 yr Avg.	3 yr Avg.
HMS Medalist	Navy	f	17.8	2996	2292	2286	2289	2525
Avalanche	Navy	103	18.9	3092	1952	2101	2026	2382
Ensign	Navy	f	20.5	3524	2852	2703	2777	3026
Vista	Navy	f	16.4	2094	2584	2513	2548	2397
T9905	Navy	f	20.6	3208	2616	2571	2593	2798
Norstar	Navy	103	16.7	--	1612	1941	--	--
Rexeter	Navy	f	18.8	2224	2424	1995	2210	2214
Nautica	Navy	f	16.7	--	2372	1944	--	--
Eclipse	Black Turtle	103	19.8	2503	2568	2415	2491	2495
Loreta	Black Turtle	f	18.2	2788	2332	1944	2138	2355
Zorro	Black Turtle	104	20.0	2166	2580	2275	2428	2340
Mean		103	--	2758	2446	2244	--	--
C.V. %		1.3	--	10.1	11.9	9.3	--	--
LSD 10%		2	--	381	398	388	--	--
LSD 5%		3	--	461	477	470	--	--

Planting Date: May 30

Harvest Date: September 24

¹Date of physiological maturity at R9 stage (80% of pods showing yellow and mostly ripe) .

A freeze occurred on September 12 with temperatures ranging from 28^o to 32^o F for five hours. A "f" indicates the variety did not reach the R9 stage prior to the freeze. However, all varieties were harvestable and had no distinctly damaged kernels in the sample.