

NDSU Carrington Research Extension Center
2025 Variety Trial Data

Dry Edible Bean - Dryland

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Variety	Market Class	Days to Maturity	Plant Height ¹ inch	Direct Harvest ² %	Protein %	KWT g/100	Seeds / Pound	Test Weight lb/bu	----- Yield -----		
									2-yr. 3-yr.		
									2025	Avg.* lb/a	Avg.*
Ace	Black	103	19	98	19.6	16.6	2,737	58.1	2,097	2,249	2,266
Slate	Black	105	18	99	19.4	16.6	2,733	58.5	2,322	--	--
Butte	Black	103	20	99	20.7	18.1	2,526	59.2	2,084	--	--
Black Tails	Black	100	15	97	22.2	17.4	2,619	59.8	2,070	2,531	2,225
Eclipse	Black	103	18	99	20.5	17.1	2,652	59.0	2,062	2,356	2,260
ND Twilight	Black	104	16	98	19.5	18.4	2,468	59.9	2,313	2,550	2,408
ND Galaxy	Black	104	20	98	22.1	16.7	2,716	58.9	2,236	2,384	--
Blizzard	Navy	107	19	98	20.3	17.2	2,646	60.3	2,033	2,214	2,081
HMS Medalist	Navy	107	18	98	20.5	15.6	2,920	61.0	2,196	2,557	2,310
ND Polar	Navy	110	18	97	21.0	15.2	3,002	59.9	1,549	2,157	2,161
T9905	Navy	108	19	98	21.3	17.8	2,547	60.7	2,122	2,558	2,409
Merlot	Small Red	103	17	95	19.8	30.6	1,482	57.4	1,937	2,095	2,066
Viper	Small Red	104	17	97	19.9	22.8	1,986	57.9	2,059	--	--
Trial Mean		104	18	98	20.5	19.1	2,479	59.2	2,072	--	--
C.V. (%)		1	8	1	2.5	5.5	5	0.8	8	--	--
LSD (0.10)		2	2	2	0.6	1.3	133	0.5	194	--	--

Planting Date = June 2; Harvest Date = September 30; Previous Crop = Durum

White mold and low temperatures on September 3, 4, 6 and 7 (35°F, 34°F, 35°F, and 34°F) impacted yield.

1 Plant height at harvest

2 Direct harvest is a relative score to estimate the % of beans that would be successfully harvested in a direct harvest system.

* 2-yr. Average is 2023 and 2025; 3-yr. Average is 2022, 2023, and 2025. Trial was lost to hail in 2024.

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									2025	2-yr. Avg.* lb/a	3-yr. Avg.*
TVS21-4-6	Pinto	103	13	92	19.3	33.7	1,348	55.9	1,060	--	--
TVS21-6-10	Pinto	102	11	65	19.4	33.0	1,377	55.3	815	--	--
Cowboy	Pinto	99	18	96	19.7	32.1	1,413	57.5	2,007	2,597	2,392
La Paz	Pinto	104	16	96	19.4	29.1	1,559	57.6	1,855	2,093	2,105
Monterrey	Pinto	101	17	97	19.4	29.8	1,523	58.7	2,059	2,357	2,414
ND Falcon	Pinto	107	14	96	19.8	29.2	1,571	55.3	1,482	1,988	2,068
Torreón	Pinto	102	17	97	19.5	32.8	1,382	57.7	1,907	2,358	2,196
Vibrant	Pinto	101	15	93	18.9	30.8	1,473	56.3	1,548	2,118	1,945
Windbreaker	Pinto	97	13	96	20.0	34.0	1,335	55.5	1,953	2,155	2,057
USDA Rattler	Pinto	108	16	97	19.5	32.2	1,411	58.1	2,087	2,499	--
TVS21-7-8	SD-Pinto	104	15	91	19.5	29.7	1,530	58.7	1,197	--	--
Gleam	SD-Pinto	104	16	97	19.2	30.8	1,475	59.6	1,849	--	--
ND Palomino	SD-Pinto	108	14	96	19.2	32.7	1,391	56.5	1,878	2,386	2,239
ND Rodeo	SD-Pinto	110	14	79	19.3	32.8	1,390	58.6	1,020	1,751	1,933
USDA Diamondback	SD-Pinto	106	15	95	19.6	30.3	1,506	58.5	1,738	2,219	--
Bronco	SD-Pinto	103	14	97	20.8	38.5	1,181	60.6	1,782	2,233	--
Coral	Pink	106	17	96	19.6	30.2	1,518	58.4	1,910	--	--
Magnolia	Pink	107	14	96	20.1	34.6	1,314	57.9	1,731	--	--
ND Rosalind	Pink	108	16	96	19.0	26.9	1,699	58.5	1,585	2,367	2,482
Eiger	Great Northern	111	18	97	20.3	27.9	1,629	58.8	2,293	--	--
ND Pegasus	Great Northern	110	17	96	20.8	32.0	1,420	58.4	2,103	2,706	2,682
Trial Mean		105	15	94	19.6	31.6	1,450	57.8	1,779	2,192	2,188
C.V. (%)		3	12	5	2.0	4.5	5	1.3	11	11	11
LSD (0.10)		4	2	6	0.5	1.7	83	0.9	238	301	314

KJ1	Adzuki	115	19	98	21.6	14.4	3,218	60.2	1,140	--	--
KJ2	Adzuki	115	17	98	22.5	17.5	2,603	60.4	906	--	--

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