

MICHIGAN DRY BEAN PERFORMANCE TRIALS

2026

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Michigan Dry Bean Performance Trials 2026

Contents

Introduction	2	Table 7. Great northern bean agronomic and yield results.	7
Table 1. 2026 research trial conditions.....	2	Table 8. Cranberry bean agronomic and yield results.....	8
Methods	2	Table 9. Light red kidney bean agronomic and yield results.	9
Table 2. Soil test information	2	Table 10. Dark red kidney bean agronomic and yield results.	10
Results	3	Table 11. White kidney bean agronomic and yield results.	11
Table 3. Navy bean agronomic and yield results.....	4	Table 12. Yellow bean agronomic and yield results.	12
Table 4. Black bean agronomic and yield results.	5	2026 Sourcing Information	13
Table 5. Small red and pink bean agronomic and yield results.	6	Table 13. Sources of dry bean entries.....	13
Table 6. Conventional and slow darkening pinto bean agronomic and yield results.	7		

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Introduction

In 2026, Michigan State University researchers and Michigan dry bean producers tested 160 entries from 12 market classes of dry beans. The trial plots (Table 1) were placed in six locations across five Michigan counties: Bay, Huron, Montcalm, Sanilac, and Tuscola (two sites).

Small- and medium-seeded beans were tested in Bay, Huron, Sanilac, and Tuscola counties. Black beans (small-seeded beans) were also tested in Montcalm County. Large-seeded beans were tested in Montcalm and Tuscola counties.

This report summarizes the results of the trials and provides Michigan growers with comparative information on yield, maturity, plant height and lodging to assist with variety selection and identify promising experimental entries for future testing. Please contact Scott Bales (phone 989-262-8550, extension 2; email balessco@msu.edu) with questions about the 2026 performance trials and suggestions for the 2027 trials.

Table 1. 2026 research trial conditions: locations, grower co-operators, planting dates, total accumulated growing degree days (GDD), and total precipitation.

County	Grower co-operator	Planting date	Total GDD ^a	Total precipitation (inches)
Bay	Schindler Farms	May 30	1,900	10.2
Huron	Gentner-Bischer Farms	June 2	1,956	10.3
Montcalm	Rader Farms	June 22	1,805	9.1 + Irrigation
Sanilac	Wadsworth Farms	June 1	2,102	10.2
Tuscola	Bednarski Farms	May 29	1,985	9.7
Tuscola	Saginaw Valley Research & Extension Center (SVREC) (kidney beans)	June 3	2,140	10.8

Note. Weather data was retrieved from the Michigan Automated Weather Network (MAWN) and MSU Enviroweather stations nearest to the performance trial. All weather data is from June 1 through September 15.

^aGrowing degree days (GDD) were calculated using the following equation: $([MAX + MIN] \div 2) - 50 = GDD$ and summed over the reporting period.

Methods

Dry beans were seeded in four-row plots that measured 6.6' wide by 24' long, with 20" rows. Each entry was replicated four times. All trial plots were designed as randomized complete blocks (RCB). (RCB is a standard agricultural trial design in which entries are randomly assigned to groups or blocks, and the blocks are randomly repeated. The goal of the replication is to control for variables that might affect an entry's yield, such as soil nutrient levels [Table 2], pest loads, and variability in soil textures.)

Trials received industry standard seed treatments, fertilization, and weed control applications at labeled rates. Yield data was obtained by direct harvest for small- and medium-seeded beans. Large-seeded beans were pulled by a two-row Pickett bean puller and then mechanically threshed to prevent harvest loss. Following harvest, samples were cleaned, weighed, and moisture tested.

Table 2. Soil test information from the 2026 trial locations, including the percentage of organic matter, soil type, soil pH, and soil cation exchange capacity (CEC). All macro- and micronutrients were sufficient for dry bean production.

Location	Percentage of organic matter	Soil type	Soil pH	Soil CEC
Bay	2.0	Sandy Clay Loam	6.4	8.8
Huron	2.2	Loam	7.1	11.6
Montcalm	1.4	Loamy Sand	6.7	5.0
Sanilac	5.1	Loam	7.8	15.8
Tuscola (Bednarski Farms)	2.4	Sandy Clay Loam	7.1	11.0
Tuscola (SVREC)	1.9	Sandy Clay Loam	7.2	9.9



Results

Tables 3 through 12 provide agronomic information such as plant maturity, plant height, and lodging score when available. Plant maturity is rated visually in days after planting (DAP) for all locations. Lodging is rated on a scale of 1 to 5, with 1 indicating that the entry was completely erect in the field at harvest and 5 indicating that it was flat on the ground with stems and pods touching the soil surface.

The tables also present each entry's yield results in pounds per acre (Lbs./A) adjusted to 18% moisture.

The combined average yield for each entry across all sites in 2026 is also included. (**Note:** If an entry was grown under different production systems [irrigated versus dryland] at different sites, the combined yield was not calculated.) When possible, two- and three-year average yields were also calculated across locations. For example, the three-year average yield of a navy bean entry (Table 3) includes data from 2024, 2025, and 2026 at four locations per year (12 site-years).

Yield data were analyzed using analysis of variance, and least significant differences (LSD) at $P \leq 0.05$ were used to compare entry means within each trial. The last three rows of the agronomic and yield results tables list the trial average (mean), LSD, and coefficient of variation (CV), respectively, for the data in each column.

The entry with the **highest** value in each yield column is followed by two asterisks (**). Any yields listed in the same column that are not significantly different from the highest yield are noted with one asterisk (*). This means that if two entries in the same column are followed by either one or two asterisks, the difference in values between the entries is not statistically significant.

Table 13 lists the sources of dry bean varieties tested in 2026. The entries are organized by bean market class.



Table 3. Navy bean agronomic and yield results.

Navy bean entry	Plant height (inches)	Lodging (1-5)	Maturity (DAP)	Bay (Lbs./A)	Huron (Lbs./A)	Sanilac (Lbs./A)	Tuscola (Lbs./A)	1-year avg. (Lbs./A)	2-year avg. (Lbs./A)	3-year avg. (Lbs./A)
14092	19	1.0	96	3,257	3,622*	3,140	3,133	3,204	3,063	3,243
21106	18	1.6	97	2,878	3,876**	3,399*	3,289	3,292	3,124	NA
21108	20	1.2	98	3,238	3,172	3,348*	2,543	2,992	2,864	2,920
Argosy	19	2.4	100	3,594*	3,681*	3,002	3,236	3,272	3,282	3,413
Armada	20	1.6	98	3,654*	3,688*	2,968	3,244	3,303	3,271	3,357
AuSable	18	1.4	94	3,588*	3,650*	3,186	3,481	3,330	3,143	3,180
Blast	21	1.4	96	2,460	3,728*	3,141	3,156	3,062	3,199	3,284
Blizzard	20	1.0	96	3,112	3,644*	2,452	3,259	2,994	3,105	3,246
EX2111-N	19	1.8	95	3,385	3,314	2,750	2,866	2,948	3,015	3,163
EX71301	19	1.8	95	3,352	3,460	2,494	2,758	2,907	NA	NA
EX71306	20	1.5	96	3,355	3,490	2,925	3,173	3,172	NA	NA
EX71309	19	1.0	96	3,553*	3,736*	3,200*	3,378	3,416*	NA	NA
EX71317	20	1.3	96	3,087	3,469	2,784	2,953	3,043	NA	NA
EX71319	20	1.5	95	3,421	3,424	2,722	3,173	3,162	NA	NA
HMS Bounty	21	1.0	99	2,878	3,445	3,002	3,204	3,124	2,924	2,860
HMS Medalist	19	1.3	98	3,128	3,232	2,963	2,979	3,051	2,980	3,070
Liberty	20	1.5	98	3,163	3,285	2,910	3,478	3,202	3,020	3,088
N22610	23	1.3	98	3,258	3,813*	3,503**	3,922**	3,612**	3,568*	NA
N22616	21	2.0	97	2,959	3,634*	2,750	3,295	3,137	3,343*	3,393
N22623	18	1.0	95	3,432	3,683*	3,026	3,426	3,384*	3,446*	3,423
N23706	19	1.0	97	3,097	3,292	3,070	3,142	3,132	3,421*	3,455
N23717	20	2.0	98	2,532	3,524*	3,109	3,037	3,032	3,239	NA
N24847	17	1.0	95	3,357	3,503	3,245*	3,631*	3,456*	3,478*	NA
N25915	21	1.8	97	3,534*	3,790*	3,241*	3,277	3,450*	NA	NA
Nautica	20	1.0	96	3,533*	3,244	2,836	3,273	3,230	3,159	3,202
ND Polar	22	1.0	97	3,410	3,525*	3,172	3,701*	3,435*	3,401*	3,218
OAC Charm	19	2.3	99	3,546*	3,133	3,097	3,024	3,193	3,198	3,200
Steam	19	1.5	98	4,072**	3,337	3,037	3,599	3,528*	3,598**	3,786**
T9905	21	1.8	96	3,405	3,142	2,732	3,061	3,065	2,796	2,914
Victory	21	1.0	96	3,456	3,547*	3,022	3,133	3,294	3,198	3,207
MEAN	19.6	1.4	96.7	3,290	3,504	3,008	3,227	3,214	3,201	3,231
LSD_(0.05)	NA	NA	NA	547	356	306	308	266	263	257
CV	NA	NA	NA	12.2%	8.6%	8.7%	8.1%	14.2%	15.6%	17.9%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre. Lodging is rated on a scale from 1 (entry was completely erect in the field at harvest) to 5 (entry was flat on the ground with stems and pods touching the soil surface).



Table 4. Black bean agronomic and yield results.

Black bean entry	Plant height (inches)	Lodging (1–5)	Maturity (DAP)	Bay (Lbs./A)	Huron (Lbs./A)	Montcalm (Lbs./A)	Sanilac (Lbs./A)	Tuscola (Lbs./A)	1-year avg. (Lbs./A)	2-year avg. (Lbs./A)	3-year avg. (Lbs./A)
13505	20	1.0	94	3,508*	3,417	3,558	3,355	3,930*	3,536	3,409	NA
17746	22	2.2	96	3,176	3,568	4,276*	3,468	3,514	3,624	3,524	3,374
17751	20	1.6	95	3,005	3,568	3,914	3,759*	3,821	3,623	3,676	3,519
17764	20	3.2	99	3,156	3,617	4,313*	3,741*	3,654	3,675	3,616	NA
19776	19	1.0	97	2,502	3,437	3,678	3,218	3,604	3,310	NA	NA
21650	21	1.2	97	3,389	3,831	4,067	3,528	3,785	3,727*	3,565	3,411
21702	20	1.5	97	3,328	3,855	4,481*	3,842*	4,055*	3,901*	3,859*	3,794*
21703	19	2.0	98	3,099	3,989*	4,832**	3,812*	3,892*	3,872*	3,705*	NA
21723	17	1.0	94	2,710	3,442	3,883	3,301	3,559	3,339	3,329	3,269
B18094173	17	1.2	96	3,134	3,808	4,103	3,894**	3,902*	3,757*	3,515	3,384
B2002-1-3	19	1.5	98	3,153	3,826	4,533*	3,793*	3,819	3,765*	3,544	3,557
B22041	20	1.0	95	3,668*	3,990*	4,056	3,795*	4,058*	3,857*	3,694*	3,598*
B23911	19	1.3	96	3,081	3,803	4,349*	3,345	3,154	3,523	3,464	3,541
B24120	19	1.0	93	3,155	4,023*	4,375*	3,655*	3,728	3,741*	3,661	NA
B24142	20	1.0	94	3,398	3,777	3,776	3,529	3,504	3,564	NA	NA
B24180	20	1.0	95	3,883**	3,794	4,082	3,671*	4,028*	3,862*	3,753*	NA
B25321	19	1.0	96	3,019	4,299**	4,311*	3,773*	3,474	3,750*	NA	NA
B7071259	20	1.3	96	3,131	4,068*	4,490*	3,700*	3,785	3,806*	3,634	3,593
B7072269	19	1.3	96	2,730	3,755	4,509*	3,665*	3,980*	3,715*	3,690*	3,439
Black Pearl	19	1.0	97	2,555	3,791	4,485*	3,574*	3,781	3,612	3,529	3,437
Black Tails	21	1.0	96	2,726	3,586	3,623	3,431	3,462	3,326	3,219	3,166
BlackBeard	24	1.0	98	2,799	3,657	3,701	3,384	3,688	3,427	3,324	3,279
Kona	18	1.0	96	3,674*	4,137*	4,370*	3,669*	4,257**	3,995**	3,942**	3,887**
ND Galaxy	16	1.0	93	3,183	3,045	3,083	2,383	3,194	2,969	3,008	NA
Nimbus	22	2.0	100	2,345	3,811	3,761	3,627*	3,694	3,461	3,524	3,374
Slate	21	1.5	96	3,103	3,607	4,198	3,232	3,615	3,527	3,404	NA
Spectre	21	1.3	102	2,461	3,952*	4,083	3,773*	3,166	3,453	3,347	3,183
SW03	19	1.0	95	2,554	3,369	3,853	2,890	3,198	3,182	NA	NA
SW04	19	1.0	95	2,239	3,159	3,827	2,534	3,204	2,976	NA	NA
Umbra	23	2.7	100	3,214	3,980*	4,457*	2,898	3,583	3,637	3,620	3,633*
Zenith	20	1.0	96	3,156	3,879	4,484*	3,588*	3,878	3,790*	3,513	3,510
MEAN	19.7	1.4	96.3	3,039	3,736	4,113	3,478	3,676	3,590	3,541	3,471
LSD_(0.05)	NA	NA	NA	464	377	588	352	364	298	255	291
CV	NA	NA	NA	11.2%	8.6%	12.2%	8.5%	8.4%	15.9%	15.5%	22.4%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre. Lodging is rated on a scale from 1 (entry was completely erect in the field at harvest) to 5 (entry was flat on the ground with stems and pods touching the soil surface).



Table 5. Small red and pink bean agronomic and yield results.

Small red & pink bean entry	Plant height (inches)	Lodging (1–5)	Maturity (DAP)	Bay (Lbs./A)	Huron (Lbs./A)	Sanilac (Lbs./A)	Tuscola (Lbs./A)	1-year avg. (Lbs./A)	2-year avg. (Lbs./A)	3-year avg. (Lbs./A)
16686	21	3.5	98	3,600	4,138	3,087	3,262	3,522	3,570	NA
17837	21	2.0	98	3,711	4,186	3,305	3,832	3,759	3,676	3,592
17848	22	3.0	98	3,292	4,229	3,129	4,086*	3,684	3,749	3,637*
17851	21	3.3	99	4,229*	4,521*	3,454*	3,935	4,035*	4,004*	3,828*
Coral ^a	20	1.5	98	4,143*	4,506*	2,969	3,600	3,805	3,718	3,625*
ND Redvelvet	21	1.8	98	2,994	3,444	2,543	2,903	2,971	3,173	NA
ND Rosalind ^a	22	3.3	98	4,082*	3,937	3,047	3,791	3,715	3,837*	3,685*
R22710	22	2.3	98	3,974*	3,692	2,729	3,390	3,447	3,608	3,480
R23804	21	1.8	96	4,409*	4,098	3,129	3,611	3,812	3,871*	NA
Rosito	19	1.5	94	2,725	3,668	2,219	3,015	2,907	2,952	NA
Viper	22	1.5	96	4,642**	4,676**	3,636**	4,338**	4,323**	4,095**	3,905**
MEAN	20.9	2.3	97.1	3,800	4,099	3,022	3,615	3,634	3,659	3,662
LSD_(0.05)	NA	NA	NA	679	280	246	369	344	287	283
CV	NA	NA	NA	14.8%	5.7%	6.8%	8.5%	16.2%	14.9%	17.5%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre. Lodging is rated on a scale from 1 (entry was completely erect in the field at harvest) to 5 (entry was flat on the ground with stems and pods touching the soil surface).

^a Pink bean variety.



Table 6. Conventional and slow darkening pinto bean agronomic and yield results.

Pinto bean entry	Plant height (inches)	Lodging (1–5)	Maturity (DAP)	Bay (Lbs./A)	Huron (Lbs./A)	Sanilac (Lbs./A)	Tuscola (Lbs./A)	1-year avg. (Lbs./A)	2-year avg. (Lbs./A)	3-year avg. (Lbs./A)
Bronco ^a	21	3.5	94	3,498*	3,685	2,357	2,637	2,961	2,686	2,765
Cancun	23	1.8	93	3,584*	3,901	2,871	3,315	3,369	3,362	3,243
Charro	21	1.5	97	3,353	4,159*	3,432*	3,541*	3,587*	3,666**	3,721**
Cowboy	20	1.5	92	3,139	3,757	2,858	3,144	3,183	3,155	3,269
Eternal ^a	21	3.3	97	3,606*	3,849	3,229*	3,419*	3,475*	3,559*	3,412
Gleam ^a	22	2.0	96	3,434*	4,390**	3,260*	3,446*	3,629*	3,591*	3,488*
Mystic ^a	21	1.5	94	3,304	4,196*	3,465**	3,757**	3,694**	3,399*	3,405
ND Falcon	22	2.0	98	3,338	3,714	2,757	3,375	3,297	3,331	3,303
ND Rodeo ^a	20	3.3	99	3,082	4,039*	2,589	3,132	3,218	3,169	3,424
P22103 ^a	22	1.5	99	3,101	3,661	2,891	3,578*	3,279	3,308	NA
P23311	20	1.5	96	3,862**	3,855	3,088	3,219	3,492*	3,510*	3,570*
P24402	22	1.8	96	3,857*	3,769	3,242*	3,503*	3,564*	3,554*	NA
Shine ^a	20	2.3	95	3,761*	4,096*	2,953	3,048	3,469*	3,295	3,303
Toast	20	2.8	95	3,264	3,700	2,786	3,000	3,218	3,270	NA
USDA Diamondback ^a	21	1.8	96	2,801	3,744	3,078	3,022	3,208	2,988	3,142
USDA Rattler	19	1.0	95	3,828*	3,880	2,791	3,118	3,418*	3,276	3,411
Vibrant ^a	19	1.3	96	2,814	3,604	2,580	2,611	2,982	3,034	3,190
MEAN	20.6	2.0	95.7	3,389	3,882	2,954	3,227	3,355	3,303	3,331
LSD_(0.05)	NA	NA	NA	472	484	289	378	300	290	291
CV	NA	NA	NA	10.0%	10.5%	8.3%	9.9%	15.4%	16.7%	19.9%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre. Lodging is rated on a scale from 1 (entry was completely erect in the field at harvest) to 5 (entry was flat on the ground with stems and pods touching the soil surface).

^aSlow darkening pinto variety.

Table 7. Great northern bean agronomic and yield results.

Great northern bean entry	Plant height (inches)	Lodging (1–5)	Maturity (DAP)	Bay (Lbs./A)	Huron (Lbs./A)	Sanilac (Lbs./A)	Tuscola (Lbs./A)	1-year avg. (Lbs./A)	2-year avg. (Lbs./A)	3-year avg. (Lbs./A)
Eiger	19	2.3	97	3,293	4,206*	3,369	3,222	3,522	3,513	3,422
G22004	21	2.5	99	3,699**	4,244**	3,795**	3,734**	3,868**	3,872**	3,774**
G24203	22	1.8	98	3,468*	3,754	3,742*	3,570*	3,634*	NA	NA
ND Pegasus	23	2.3	97	3,314	3,665	3,026	2,839	3,211	3,145	3,127
MEAN	20.8	2.2	97.5	3,443	3,967	3,483	3,341	3,559	3,510	3,389
LSD_(0.05)	NA	NA	NA	328	361	136	376	240	226	241
CV	NA	NA	NA	7.3%	7.0%	3.0%	8.7%	11.4%	12.1%	14.9%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre. Lodging is rated on a scale from 1 (entry was completely erect in the field at harvest) to 5 (entry was flat on the ground with stems and pods touching the soil surface).



Table 8. Cranberry bean agronomic and yield results.

Cranberry bean entry	Plant height (inches)	Maturity (DAP)	Montcalm (Lbs./A)	Tuscola (Lbs./A)	Irrigated 2-year avg. (Lbs./A)	Irrigated 3-year avg. (Lbs./A)	Dryland 2-year avg. (Lbs./A)	Dryland 3-year avg. (Lbs./A)
16756	20	90	3,562*	1,805	2,765	2,966	2,087	2,261
16758	14	84	3,579*	1,386	2,665	2,734	1,502	1,700
16775	20	98	3,072	1,757	2,365	2,743	1,902	2,103
16816	14	84	3,009	1,640	2,522	2,846	1,940	2,041
151093	18	98	4,175**	2,602*	3,304**	3,602**	2,845**	2,924**
C24114	12	98	3,275	1,971	2,802	NA	1,874	NA
CR2122-7	16	101	3,049	2,160	NA	NA	NA	NA
CR2280-7	16	98	3,417	2,467*	NA	NA	NA	NA
CR2285-6	20	100	3,237	1,515	NA	NA	NA	NA
Etna	14	90	3,472	1,722	2,870*	2,952	2,006	2,118
Jester	18	92	3,481	2,648**	2,895*	3,316*	2,627*	2,656*
OAC Firestripe	16	96	3,388	2,309*	2,892*	3,125	2,401	2,415
MEAN	16.5	94.0	3,393	1,998	2,786	3,035	2,131	2,277
LSD_(0.05)	NA	NA	685	350	493	403	368	280
CV	NA	NA	16.8%	14.6%	17.6%	16.3%	17.2%	15.1%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre.



Table 9. Light red kidney bean agronomic and yield results.

Light red kidney bean entry	Plant height (inches)	Maturity (DAP)	Montcalm (Lbs./A)	Tuscola (Lbs./A)	Irrigated 2-year avg. (Lbs./A)	Irrigated 3-year avg. (Lbs./A)	Dryland 2-year avg. (Lbs./A)	Dryland 3-year avg. (Lbs./A)
15916	14	90	3,617	2,110	3,286	3,401	2,409	2,502
15923	16	90	3,337	1,819	3,050	3,244	2,084	2,221
20870	22	100	4,605**	2,829	3,630*	3,487	2,736*	2,978*
20909	18	98	3,539	2,328	2,886	3,055	2,565	2,671
161055	20	100	3,920	2,367	2,868	3,071	2,686*	2,797*
161082	14	95	3,379	1,789	2,875	3,084	2,183	2,236
Big Red	20	86	3,090	2,077	2,882	3,250	2,136	2,203
CELRK	14	85	3,244	1,572	2,929	3,138	1,892	1,973
K22604	19	102	4,351*	3,275**	3,883**	4,046**	3,011**	3,027**
K23702	18	101	3,748	2,922	3,290	NA	2,738*	NA
LRK22133-5	20	101	3,703	1,877	NA	NA	NA	NA
ND Pink Slipper	14	92	3,491	2,328	NA	NA	NA	NA
Pink Panther	16	92	3,343	2,149	2,908	3,109	2,289	2,407
Ronnies Red	20	102	3,732	2,267	2,690	2,929	2,578	2,620
Spitfire	22	102	3,487	2,275	NA	NA	NA	NA
MEAN	17.8	95.7	3,639	2,265	3,098	3,255	2,442	2,512
LSD_(0.05)	NA	NA	481	309	444	453	349	298
CV	NA	NA	11.1%	11.5%	14.3%	17.1%	14.3%	14.6%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre.



Table 10. Dark red kidney bean agronomic and yield results.

Dark red kidney bean entry	Plant height (inches)	Maturity (DAP)	Montcalm (Lbs./A)	Tuscola (Lbs./A)	Irrigated 2-year avg. (Lbs./A)	Irrigated 3-year avg. (Lbs./A)	Dryland 2-year avg. (Lbs./A)	Dryland 3-year avg. (Lbs./A)
15977	20	92	4,297**	1,945	3,234*	3,358	2,399	2,562
161156	18	91	4,095*	1,987	3,542**	3,902**	2,444	2,559
161164	20	95	4,013*	2,541*	NA	NA	NA	NA
161165	20	92	3,918*	2,512*	3,401*	3,635*	2,697*	2,793*
181017	20	96	4,069*	2,671*	3,374*	3,787*	2,910**	2,973**
181018	16	87	3,972*	1,999	NA	NA	NA	NA
181021	14	95	3,846*	2,252	3,246*	3,582*	2,440	2,392
Dynasty	16	98	4,197*	2,645*	3,426*	3,843*	2,781*	2,912*
Epic	18	95	4,085*	2,263	3,370*	3,713*	2,452	2,610
Gallantry	18	100	3,796*	2,860**	3,429*	3,690*	2,762*	2,846*
K1920-2-3	22	101	4,065*	2,199	3,064	3,360	1,949	1,968
K23212	18	100	4,050*	2,477	3,276*	3,660*	2,539	2,646
Montcalm	18	92	3,846*	1,896	3,257*	3,537*	2,177	2,189
ND Redbarn	20	100	3,286	2,506	2,796	2,987	2,466	2,358
Rampart	18	93	3,704*	1,980	3,068	3,471	2,158	2,290
Red Hawk	16	92	3,762*	2,316	3,318*	3,473*	2,210	2,182
Seattle	16	92	3,944*	2,369	3,244*	3,484*	2,618*	2,592
MEAN	18.1	94.7	3937	2,318	3,269	3,565	2,467	2,524
LSD_(0.05)	NA	NA	593	348	435	430	334	266
CV	NA	NA	12.7%	12.7%	13.4%	14.9%	13.6%	13.0%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre.



Table 11. White kidney bean agronomic and yield results.

White kidney bean entry	Plant height (inches)	Maturity (DAP)	Montcalm (Lbs./A)	Tuscola (Lbs./A)	Irrigated 2-year avg. (Lbs./A)	Irrigated 3-year avg. (Lbs./A)	Dryland 2-year avg. (Lbs./A)	Dryland 3-year avg. (Lbs./A)
201016	20	97	2,833	2,074	2,187	NA	2,318	NA
201020	14	88	3,266	2,308	2,641	NA	2,366	NA
201030	22	100	4,475**	1,871	2,998*	NA	2,099	NA
231228	22	101	3,291	1,705	2,049	NA	1,756	NA
231229	24	101	3,122	1,771	2,004	NA	1,790	NA
231230	20	105	3,730	2,091	2,318	NA	1,880	NA
231231	24	101	3,360	1,813	2,196	NA	1,938	NA
231232	18	96	3,579	1,779	2,433	NA	1,852	NA
231233	16	95	3,553	1,789	2,491	NA	1,872	NA
Beluga	20	97	3,749	2,116	2,788*	3,065*	2,089	2,315
Denali	15	92	3,979*	2,305	3,051*	3,369*	2,248	2,465*
K22801	20	101	3,673	2,857**	2,760*	3,152*	2,643**	2,695**
K23908	18	100	4,037*	2,316	3,026*	NA	2,473*	NA
ND Whitetail	18	100	3,622	2,093	2,963*	3,258*	2,190	2,331
WK1601-1	18	96	3,937	2,133	3,142**	3,500**	2,141	2,338
MEAN	19.2	98.0	3,613	2,068	2,603	3,269	2,110	2,429
LSD_(0.05)	NA	NA	527	309	431	448	246	232
CV	NA	NA	12.2%	12.6%	16.6%	16.6%	11.7%	11.6%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre.



Table 12. Yellow bean agronomic and yield results.

Yellow bean entry	Plant height (inches)	Maturity (DAP)	Montcalm (Lbs./A)	Tuscola (Lbs./A)	Irrigated 2-year avg. (Lbs./A)	Irrigated 3-year avg. (Lbs./A)	Dryland 2-year avg. (Lbs./A)	Dryland 3-year avg. (Lbs./A)
Claim Jumper	16	95	5,238*	2,370	3,685**	3,930**	2,555*	2,618*
Honeycomb	17	94	3,409	2,095	2,812	3,194	2,161	2,263
Motherlode	18	98	4,344	1,710	2,760	2,906	1,853	1,974
Y1803-5-3	16	90	4,803	2,538*	3,224*	3,266	2,714**	2,757**
Yak	18	94	4,418	1,964	NA	NA	NA	NA
Yellowstone	16	90	3,576	1,931	2,570	2,842	2,079	2,111
Yolk	18	100	5,258**	2,769**	NA	NA	NA	NA
Yukon Gold	20	97	3,726	1,915	2,638	3,086	1,928	1,974
MEAN	17.4	94.8	4,347	2,161	2,948	3,201	2,215	2,285
LSD_(0.05)	NA	NA	438	332	567	486	286	229
CV	NA	NA	8.2%	12.6%	18.9%	18.5%	12.7%	12.2%

Note. The **highest** yield in each column is marked with two asterisks. Any values in a column that are not statistically different from the column's two-asterisk entry are marked with one asterisk. NA = Not available. DAP = Days after planting. Lbs./A = Pounds per acre.



2026 Sourcing Information

Table 13. Sources of dry bean entries tested in the 2026 performance trials, organized by market class.

Entry	Market class	Source	Entry	Market class	Source
14092	Navy	ProVita	B7071259	Black	ADM
21106	Navy	ProVita	B7072269	Black	ADM
21108	Navy	ProVita	Black Pearl	Black	MSU
Argosy	Navy	Gentec	Black Tails	Black	ProVita
Armada	Navy	ProVita	BlackBeard	Black	ProVita
AuSable	Navy	MSU ^a	Kona	Black	MSU
Blast	Navy	Gentec	ND Galaxy	Black	NDSU
Blizzard	Navy	ProVita	Nimbus	Black	ProVita
EX2111-N	Navy	TVS ^b	Slate	Black	ADM
EX71301	Navy	TVS	Spectre	Black	ProVita
EX71306	Navy	TVS	SW03	Black	ADM
EX71309	Navy	TVS	SW04	Black	ADM
EX71317	Navy	TVS	Umbra	Black	Gentec
EX71319	Navy	TVS	Zenith	Black	MSU
HMS Bounty	Navy	ProVita	16686	Small red	ProVita
HMS Medalist	Navy	ProVita	17837	Small red	ProVita
Liberty	Navy	ProVita	17848	Small red	ProVita
N22610	Navy	MSU	17851	Small red	ProVita
N22616	Navy	MSU	Coral	Pink	MSU
N22623	Navy	MSU	ND Redvelvet	Small red	NDSU
N23706	Navy	MSU	ND Rosalind	Pink	NDSU
N23717	Navy	MSU	R22710	Small red	MSU
N24847	Navy	MSU	R23804	Small red	MSU
N25915	Navy	MSU	Rosito	Small red	Gentec
Nautica	Navy	Gentec	Viper	Small red	ProVita
ND Polar	Navy	NDSU ^c	Bronco	Slow darkening pinto	TVS
OAC Charm	Navy	TVS	Cancun	Pinto	ProVita
Steam	Navy	Gentec	Charro	Pinto	MSU
T9905	Navy	TVS	Cowboy	Pinto	ProVita
Victory	Navy	ProVita	Eternal	Slow darkening pinto	Gentec
13505	Black	ProVita	Gleam	Slow darkening pinto	ProVita
17746	Black	ProVita	Mystic	Slow darkening pinto	ProVita
17751	Black	ProVita	ND Falcon	Pinto	NDSU
17764	Black	ProVita	ND Rodeo	Slow darkening pinto	NDSU
19776	Black	ProVita	P22103	Slow darkening pinto	MSU
21650	Black	ProVita	P23311	Pinto	MSU
21702	Black	ProVita	P24402	Pinto	MSU
21703	Black	ProVita	Shine	Slow darkening pinto	ProVita
21723	Black	ProVita	Toast	Pinto	Gentec
B18094173	Black	ADM ^d	USDA Diamondback	Slow darkening pinto	Kelley Bean Co.
B2002-1-3	Black	USDA-EL ^e	USDA Rattler	Pinto	Kelley Bean Co.
B22041	Black	MSU	Vibrant	Slow darkening pinto	ProVita
B23911	Black	MSU	Eiger	Great northern	MSU
B24120	Black	MSU	G22004	Great northern	MSU
B24142	Black	MSU	G24203	Great northern	MSU
B24180	Black	MSU	ND Pegasus	Great northern	NDSU
B25321	Black	MSU	16756	Cranberry	ProVita



Entry	Market class	Source
16758	Cranberry	ProVita
16775	Cranberry	ProVita
16816	Cranberry	ProVita
151093	Cranberry	ProVita
C24114	Cranberry	MSU
CR2122-7	Cranberry	USDA-EL
CR2280-7	Cranberry	USDA-EL
CR2285-6	Cranberry	USDA-EL
Etna	Cranberry	Seminis
Jester	Cranberry	ProVita
OAC Firestripe	Cranberry	TVS
15916	Light red kidney	ProVita
15923	Light red kidney	ProVita
20870	Light red kidney	ProVita
20909	Light red kidney	ProVita
161055	Light red kidney	ProVita
161082	Light red kidney	ProVita
Big Red	Light red kidney	ProVita
CELRK	Light red kidney	TVS
K22604	Light red kidney	MSU
K23702	Light red kidney	MSU
LRK22133-5	Light red kidney	USDA-EL
ND Pink Slipper	Light red kidney	NDSU
Pink Panther	Light red kidney	Seminis
Ronnies Red	Light red kidney	ProVita
Spitfire	Light red kidney	ADM
15977	Dark red kidney	ProVita
161156	Dark red kidney	ProVita
161164	Dark red kidney	ProVita
161165	Dark red kidney	ProVita
181017	Dark red kidney	ProVita
181018	Dark red kidney	ProVita
181021	Dark red kidney	ProVita
Dynasty	Dark red kidney	Gentec
Epic	Dark red kidney	ProVita
Gallantry	Dark red kidney	Gentec
K1920-2-3	Dark red kidney	USDA-EL
K23212	Dark red kidney	MSU

Entry	Market class	Source
Montcalm	Dark red kidney	MSU
ND Redbarn	Dark red kidney	NDSU
Rampart	Dark red kidney	ProVita
Red Hawk	Dark red kidney	MSU
Seattle	Dark red kidney	ProVita
201016	White kidney	ProVita
201020	White kidney	ProVita
201030	White kidney	ProVita
231228	White kidney	ProVita
231229	White kidney	ProVita
231230	White kidney	ProVita
231231	White kidney	ProVita
231232	White kidney	ProVita
231233	White kidney	ProVita
Beluga	White kidney	MSU
Denali	White kidney	MSU
K22801	White kidney	MSU
K23908	White kidney	MSU
ND Whitetail	White kidney	NDSU
WK1601-1	White kidney	USDA-EL
Claim Jumper	Yellow	ProVita
Honeycomb	Yellow	USDA-EL
Motherlode	Yellow	ProVita
Y1803-5-3	Yellow	USDA-EL
Yak	Yellow	Gentec
Yellowstone	Yellow	MSU
Yolk	Yellow	Gentec
Yukon Gold	Yellow	MSU

^a MSU = Michigan State University

^b TVS = Treasure Valley Seed

^c NDSU = North Dakota State University

^d ADM = Archer-Daniels-Midland

^e USDA-EL = U.S. Dept. of Agriculture—Agricultural Research Service, East Lansing, Michigan site