

# North Dakota Flax Variety Trial Results for 2017 and Selection Guide

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This selection guide summarizes flax variety performance at the various North Dakota State University Research Extension Centers. Give special attention to flax yield results of those trials nearest to your production area when evaluating varieties in these trials. Also, attempt to view yield averages of several years rather than using only one year's data as a determining factor. In addition, consider other agronomic characteristics, such as maturity, disease tolerance, lodging score and oil percentages, if available.

The agronomic data presented are from replicated research plots using experimental designs that enable the use of statistical analysis. The LSD (least significant difference) numbers beneath the columns in tables are derived from the statistical analyses and only apply to the numbers in the column in which they appear. If the difference between two varieties exceeds the LSD value, it means that with 95 or 90 percent probability (LSD 0.05 or 0.10), the higher-yielding variety has a significant yield advantage. If the difference between two varieties is less than the LSD value, then the variety yields are considered similar. The abbreviation NS is used to indicate "no significant difference" for that trait among any of the varieties.

The CV is a measure of variability in the trial. The CV stands for coefficient of variation and is expressed as a percentage. Large CVs mean a large amount of variation that could not be attributed to differences in the varieties. In the tables, the mean indicates the average of the observations in the column. Only compare values within the table and look for trends for the desired trait among different experimental sites and years.

Oil content and harvested seed yield were adjusted to 9 percent moisture. In the table headings (Tables 4 to 9), the lead scientists are acknowledged. Presentation of data for the varieties tested does not imply approval or endorsement by the authors or agencies conducting the tests. NDSU approves the reproduction of any table in this publication only if no portion is deleted, appropriate footnotes are given, the order of the data is not rearranged and NDSU is credited for the data. Research specialists and technicians helped with the field work and data compilation.

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**Table 1. 2017 North Dakota Flax Variety Descriptions.**

Variety <sup>1</sup>	Origin <sup>2</sup>	Year Released	Days to Flower 2017 Avg. <sup>3</sup>	Seed Color	Plant Height	Plant Height	Wilt <sup>4</sup>
						inch 2017 Avg. <sup>3</sup>	
Bison	ND	1926	--	Brown	Med.	--	MR
Carter	ND	2004	53	Yellow	Med.	22	MS/MR
CDC Bethune	Can.	1999	54	Brown	Med.tall	23	MR
CDC Glas	Can.	2012	55	Brown	Med.tall	23	MR
CDC Melyn	Can.	2016	--	Yellow	Med.	--	MR
CDC Neela	Can.	2013	53	Brown	Med.	22	MR
CDC Plava	Can.	2015	52	Brown	Med.	22	MR
CDC Sanctuary	Can.	2012	54	Brown	Med.tall	23	MR
CDC Sorrel	Can.	2007	55	Brown	Tall	24	MR
Gold ND	ND	2014	55	Yellow	Tall	24	MR/R
Nече	ND	1988	--	Brown	Med.	--	MR/R
Nekoma	ND	2002	53	Brown	Med.tall	23	MR
Omega	ND	1989	53	Yellow	Med.	22	MS/MR
Pembina	ND	1998	53	Brown	Med.tall	23	MR
Prairie Blue	Can.	2003	52	Brown	Med.	22	MR
Prairie Grande	Can.	2008	52	Brown	Med.tall	23	MR
Prairie Sapphire	Can.	2012	52	Brown	Med.tall	23	MR
Prairie Thunder	Can.	2006	54	Brown	Tall	24	MR
Rahab 94	SD	1994	53	Brown	Med.tall	23	MR
Shape	Can.	2010	52	Brown	Med.tall	23	R
Webster	SD	1998	53	Brown	Tall	24	MR
York	ND	2002	52	Brown	Med.tall	23	MR/R

<sup>1</sup> All varieties have resistance to prevalent races of rust; all have good oil yield and oil quality.

<sup>2</sup> Can. = Canada; ND = North Dakota State University; SD = South Dakota State University.

<sup>3</sup> Average of four locations: Carrington, Langdon, Minot and Williston.

<sup>4</sup> R = resistant; MR = moderately resistant; MS = moderately susceptible.

**Table 2. Yield of Flax Varieties at Five Locations in North Dakota, 2015-2017.**

Variety	<u>Carrington</u>		<u>Langdon</u>		<u>Minot</u>		<u>Williston</u>		<u>Williston-Irr.</u>		<u>Average N.D.<sup>2</sup></u>	
	2017	3 Yr.	2017	3 Yr.	2017	3 Yr.	2017	3 Yr.	2017	2 Yr.	2017	3 Yr.
	----(bu/a)----		----(bu/a)----		---(bu/a)---		---(bu/a)---		---(bu/a)---		----(bu/a)---	
Bison	--	--	48.9	40.8	18.9	21.9	10.5	19.0	38.9	--	--	--
Carter <sup>1</sup>	24.9	25.4	47.7	41.2	20.3	25.5	9.2	20.5	32.2	36.9	25.5	28.2
CDC Bethune	31.4	25.9	48.9	41.7	19.3	22.5	10.5	20.1	--	--	27.5	27.5
CDC Glas	30.7	27.8	54.0	45.3	23.6	25.6	12.6	21.8	37.6	47.7	30.2	30.1
CDC Melyn <sup>1</sup>	--	--	--	--	--	--	7.7	--	31.8	--	--	--
CDC Neela	26.8	26.4	46.2	40.9	23.5	23.6	11.8	--	--	--	27.1	--
CDC Plava	27.9	--	45.8	--	17.3	--	6.1	--	--	--	24.3	--
CDC Sanctuary	30.0	27.1	54.4	43.0	18.2	23.2	10.5	21.8	37.7	--	28.3	28.8
CDC Sorrel	33.2	28.3	48.5	40.8	16.6	22.7	10.3	21.6	33.7	--	27.2	28.3
Gold ND <sup>1</sup>	28.5	28.6	52.1	42.2	16.3	23.3	10.5	21.3	38.4	--	26.8	28.9
Neché	27.5	24.2	--	--	--	--	--	--	--	--	--	--
Nekoma	29.0	27.8	52.0	42.5	17.9	22.9	10.6	20.2	--	--	27.4	28.3
Omega <sup>1</sup>	27.9	21.5	45.7	38.1	16.1	20.7	9.8	18.6	--	--	24.9	24.7
Pembina	26.9	23.2	51.5	42.0	17.5	19.6	9.6	20.0	--	--	26.4	26.2
Prairie Blue	25.3	21.8	51.1	42.8	16.1	18.2	11.8	21.0	36.7	42.2	26.1	26.0
Prairie Grande	30.1	26.1	49.6	43.0	17.5	20.2	7.1	18.9	--	--	26.1	27.1
Prairie Sapphire	28.4	26.1	53.7	42.3	19.3	18.4	11.3	20.5	--	--	28.2	26.8
Prairie Thunder	33.4	26.7	53.1	43.1	17.8	22.5	11.6	20.6	--	--	29.0	28.2
Rahab 94	30.8	26.4	51.3	43.0	17.6	22.7	8.8	20.0	--	--	27.1	28.0
Shape	28.6	25.5	52.6	45.4	16.9	21.2	11.6	20.4	--	--	27.4	28.1
Webster	32.0	27.1	51.6	42.2	20.5	24.1	9.8	20.3	--	--	28.5	28.4
York	33.4	26.1	50.2	42.2	18.7	22.1	9.7	19.1	36.6	--	28.0	27.4
Mean	29.3	25.9	50.8	42.1	18.4	22.2	10.1	20.3	36.0	42.3	27.2	27.7
CV %	12.1	--	6.6	6.5	15.3	--	18.4	--	12.3	--	7.8	5.1
LSD 0.05	5.1	--	4.7	3.9	4.6	--	3.1	--	7.7	--	3.0	2.0
LSD 0.10	4.3	--	3.9	3.2	3.8	--	2.6	--	6.3	--	2.5	1.7

<sup>1</sup>Yellow seeded.<sup>2</sup>Average 2017 and three-year average are from the four dryland trials.

**Table 3. Test Weight and Oil Content of Flax Varieties at Five Locations in North Dakota, 2015-2017.**

Variety	<u>Carrington</u>		<u>Langdon</u>		<u>Minot</u>		<u>Williston</u>		<u>Williston-Irr.</u>		<u>Average N.D.<sup>2</sup></u>	
	Test Wt.	Oil	Test Wt.	Test Wt.	Oil	Test Wt.	Oil	Test Wt.	Oil	Test Wt.	Oil	
	(lb/bu)	(%)	(lb/bu)	(lb/bu)	(%)	(lb/bu)	(%)	(lb/bu)	(%)	(lb/bu)	(%)	
Bison	--	--	52.3	56.1	46.2	53.0	42.7	54.3	40.5	--	--	
Carter <sup>1</sup>	53.8	45.9	53.0	56.1	46.0	53.3	43.3	53.2	39.5	54.0	45.1	
CDC Bethune	53.4	46.2	52.9	55.7	46.8	52.9	42.6	--	--	53.7	45.2	
CDC Glas	52.9	47.1	51.1	54.9	47.1	52.5	43.3	53.3	40.6	52.8	45.8	
CDC Melyn <sup>1</sup>	--	--	--	--	--	40.3	44.2	53.6	40.1	--	--	
CDC Neela	53.7	46.2	52.4	55.2	47.7	52.3	43.7	--	--	53.4	45.8	
CDC Plava	52.9	46.1	50.7	56.0	46.1	52.6	42.9	--	--	53.0	45.0	
CDC Sanctuary	53.4	46.3	49.7	55.1	45.7	52.4	43.2	53.3	40.0	52.7	45.1	
CDC Sorrel	52.7	47.0	51.9	55.3	46.1	52.6	43.3	53.5	40.0	53.1	45.5	
Gold ND <sup>1</sup>	54.1	47.2	52.2	54.5	47.4	53.4	45.5	54.0	40.6	53.6	46.7	
Neché	53.6	45.7	--	--	--	--	--	--	--	--	--	
Nekoma	53.8	46.6	52.9	55.2	46.6	53.2	43.4	--	--	53.8	45.5	
Omega <sup>1</sup>	53.9	46.3	52.5	56.8	46.2	53.6	43.5	--	--	54.2	45.3	
Pembina	53.0	46.1	53.0	56.1	45.4	52.8	43.3	--	--	53.7	44.9	
Prairie Blue	52.5	46.4	52.0	55.7	46.9	53.0	43.2	53.4	40.1	53.3	45.5	
Prairie Grande	52.9	46.6	52.3	55.6	46.6	52.7	43.3	--	--	53.4	45.5	
Prairie Sapphire	52.9	45.1	51.3	55.1	47.8	52.7	43.9	--	--	53.0	45.6	
Prairie Thunder	53.8	45.6	52.2	55.6	46.0	53.5	42.6	--	--	53.8	44.7	
Rahab 94	53.1	45.8	49.7	55.1	46.1	52.4	42.3	--	--	52.6	44.7	
Shape	53.9	46.3	52.3	55.6	46.6	53.0	42.6	--	--	53.7	45.2	
Webster	53.9	46.7	52.0	55.6	47.0	52.9	42.4	--	--	53.6	45.4	
York	53.7	45.4	52.2	55.8	47.2	53.1	41.9	53.1	40.1	53.7	44.8	
Mean	53.4	46.2	52.0	55.6	46.5	52.5	43.0	53.5	40.2	53.4	45.3	
CV %	0.6	1.3	1.8	1.4	2.0	0.7	2.3	1.0	1.0	0.98	1.3	
LSD 0.05	0.5	0.9	1.3	1.2	1.4	0.6	1.6	0.9	0.7	0.7	1.0	
LSD 0.10	0.4	0.7	1.1	1.0	1.2	0.5	1.4	0.7	0.6	0.6	0.8	

<sup>1</sup>Yellow seeded.<sup>2</sup>Test weight average of the four dryland trials and oil average of three dryland trials.

**Table 4. 2017 Flax - Carrington - Authors, M. Ostlie and B. Schatz.**

Variety	Days to	Days to	Plant	Oil	Test	Seed Yield		
	Flower	Maturity	Height	Content	Weight	2017	2-yr. Avg.	3-yr. Avg.
	(DAP) <sup>1</sup>	(DAP) <sup>1</sup>	(inch)	(%)	(lb/bu)	----- (bu/a) -----		
Carter <sup>2</sup>	52	83	22	45.9	53.8	24.9	23.0	25.4
CDC Bethune	54	83	22	46.2	53.4	31.4	23.9	25.9
CDC Glas	54	81	23	47.1	52.9	30.7	24.2	27.8
CDC Neela	51	83	23	46.2	53.7	26.8	23.3	26.4
CDC Plava	50	77	22	46.1	52.9	27.9	22.8	--
CDC Sanctuary	50	84	23	46.3	53.4	30.0	24.2	27.1
CDC Sorrel	54	84	24	47.0	52.7	33.2	25.8	28.3
Gold ND <sup>2</sup>	55	85	25	47.2	54.1	28.5	24.6	28.6
Neché	51	84	24	45.7	53.6	27.5	22.5	24.2
Nekoma	53	85	25	46.6	53.8	29.0	25.0	27.8
Omega <sup>2</sup>	51	80	23	46.3	53.9	27.9	20.5	21.5
Pembina	52	84	25	46.1	53.0	26.9	22.0	23.2
Prairie Blue	46	76	20	46.4	52.5	25.3	19.5	21.8
Prairie Grande	52	83	24	46.6	52.9	30.1	23.9	26.1
Prairie Sapphire	47	77	21	45.1	52.9	28.4	23.0	26.1
Prairie Thunder	52	86	26	45.6	53.8	33.4	26.2	26.7
Rahab 94	51	80	25	45.8	53.1	30.8	24.6	26.4
Shape	52	81	24	46.3	53.9	28.6	23.8	25.5
Webster	52	83	26	46.7	53.9	32.0	26.9	27.1
York	52	86	23	45.4	53.7	33.4	24.0	26.1
Mean	52	82	24	46.2	53.4	29.3	23.7	25.9
CV %	1.3	2.3	9.3	1.3	0.6	12.1	--	--
LSD 0.05	0.9	2.6	3.1	0.9	0.5	5.1	--	--
LSD 0.10	0.8	2.2	2.6	0.7	0.4	4.3	--	--

Planted: May 11. Harvested: Aug. 22. Previous crop: field pea.

<sup>1</sup>DAP = Days after planting.<sup>2</sup>Yellow seeded.**Table 5. 2017 Flax - Organic - Carrington - Author, S. Zwinger.**

Variety	Days to	Days to	Plant	Plant	Test	Seed Yield	
	Flower	Maturity	Lodge <sup>1</sup>	Height	Weight	2017	2-yr. Avg.
	(DAP) <sup>2</sup>	(DAP) <sup>1</sup>	(0-9)	(inch)	(lb/bu)	----- (bu/a) -----	
Carter <sup>3</sup>	50	93	0	27	49.9	15.1	12.2
CDC Melyn <sup>3</sup>	55	93	0.3	28	49.7	11.7	--
CDC Neela	51	93	0.5	28	49.6	15.9	--
CDC Plava	52	88	0.8	25	49.3	14.2	--
Gold ND <sup>3</sup>	52	95	0.5	30	50.3	15.4	11.8
Omega <sup>3</sup>	50	93	0.5	28	49.2	14.2	10.3
Pembina	50	93	0.5	29	48.9	13.1	10.8
Prairie Blue	48	89	0.3	25	46.4	12.0	--
Prairie Thunder	48	91	0.5	27	46.9	11.3	10.5
Shape	50	94	0.3	28	49.1	15.6	--
Webster	51	93	0.3	29	49.4	15.1	--
York	52	96	0.8	27	49.9	13.9	11.1
Mean	51	92	0.4	28	49.0	14.0	10.9
CV %	3.4	1.0	146	4.6	3.0	20.6	--
LSD 0.05	2.5	1.3	NS	1.8	2.1	4.1	--
LSD 0.10	2.1	1.1	0.7	1.5	1.8	3.4	--

Planted: May 11. Harvested: Aug. 30. Previous crop: cover crop oats.

<sup>1</sup>Lodging: 0 = none, 9 = lying flat on the ground.<sup>2</sup>DAP = Days after planting.<sup>3</sup>Yellow seeded.

**Table 6. 2017 Flax - Langdon - Authors, B. Hanson, T. Hakanson and L. Henry.**

Variety	Days to Flower (DAP) <sup>2</sup>	Plant Height (inch)	Plant Lodge <sup>1</sup> (0-9)	Test Weight (lb/bu)	Seed Yield				
					2015	2016	2017	2-yr. Avg.	3-yr. Avg.
Bison	57	28	0.1	52.3	37.0	36.6	48.9	42.8	40.8
Carter <sup>3</sup>	57	27	0	53.0	36.4	39.6	47.7	43.6	41.2
CDC Bethune	57	28	0	52.9	37.5	38.6	48.9	43.7	41.7
CDC Glas	58	25	0.1	51.1	41.3	40.5	54.0	47.2	45.3
CDC Neela	57	26	0	52.4	39.4	37.2	46.2	41.7	40.9
CDC Plava	56	24	0	50.7	--	30.9	45.8	38.4	--
CDC Sancturary	58	26	1.2	49.7	41.2	33.4	54.4	43.9	43.0
CDC Sorrel	58	29	1.1	51.9	40.1	33.7	48.5	41.1	40.8
Gold ND <sup>3</sup>	57	28	0.1	52.2	36.3	38.2	52.1	45.2	42.2
Nekoma	57	28	0.2	52.9	37.4	38.2	52.0	45.1	42.5
Omega <sup>3</sup>	57	26	0.4	52.5	35.8	32.9	45.7	39.3	38.1
Pembina	57	27	0.2	53.0	36.9	37.5	51.5	44.5	42.0
Prairie Blue	57	26	0	52.0	37.5	39.9	51.1	45.5	42.8
Prairie Grande	55	27	0	52.3	37.2	42.3	49.6	46.0	43.0
Prairie Sapphire	57	28	0	51.3	38.3	34.9	53.7	44.3	42.3
Prairie Thunder	57	29	0.1	52.2	37.3	38.9	53.1	46.0	43.1
Rahab 94	56	27	0	49.7	37.8	40.0	51.3	45.7	43.0
Shape	56	27	0	52.3	40.1	43.6	52.6	48.1	45.4
Webster	57	28	0.6	52.0	35.0	39.9	51.6	45.7	42.2
York	56	27	0	52.2	35.4	40.9	50.2	45.6	42.2
Mean	57	27	0.2	52.0	37.4	38.2	50.8	44.5	42.1
CV %	0.8	5.0	340	1.8	5.7	7.3	6.6	7.0	6.5
LSD 0.05	0.7	1.9	1.1	1.3	3.0	4.0	4.7	4.4	3.9
LSD 0.10	0.6	1.6	0.9	1.1	2.5	3.3	3.9	3.6	3.2

Planted: May 11. Harvested: Sept. 28.

<sup>1</sup>Lodging: 0 = none, 9 = lying flat on the ground.<sup>2</sup>DAP = Days after planting.<sup>3</sup>Yellow seeded.

**Table 7. 2017 Flax - Minot - Author, E. Eriksmoen.**

Variety	Days to Flower (DAP) <sup>2</sup>	Plant Height (inch)	Oil Content (%)	Test Weight (lb/bu)	Seed Yield				
					2014	2016	2017	2-yr. Avg.	3-yr. Avg. <sup>1</sup>
Bison	49	22	46.2	56.1	25.3	21.6	18.9	20.3	21.9
Carter <sup>3</sup>	51	21	46.0	56.1	25.5	30.7	20.3	25.5	25.5
CDC Bethune	50	22	46.8	55.7	23.8	24.3	19.3	21.8	22.5
CDC Glas	52	22	47.1	54.9	26.2	26.9	23.6	25.3	25.6
CDC Neela	50	20	47.7	55.2	21.8	25.6	23.5	24.5	23.6
CDC Plava	50	20	46.1	56.0	--	19.2	17.3	18.3	--
CDC Sanctuary	52	22	45.7	55.1	24.8	26.7	18.2	22.5	23.2
CDC Sorrel	52	23	46.1	55.3	24.9	26.6	16.6	21.6	22.7
Gold ND <sup>3</sup>	52	22	47.4	54.5	26.0	27.6	16.3	22.0	23.3
Nekoma	50	19	46.6	55.2	22.1	28.8	17.9	23.3	22.9
Omega <sup>3</sup>	49	19	46.2	56.8	22.3	23.8	16.1	19.9	20.7
Pembina	50	20	45.4	56.1	15.1	26.3	17.5	21.9	19.6
Prairie Blue	50	22	46.9	55.7	18.4	20.1	16.1	18.1	18.2
Prairie Grande	48	20	46.6	55.6	21.5	21.7	17.5	19.6	20.2
Prairie Sapphire	50	21	47.8	55.1	20.1	15.7	19.3	17.5	18.4
Prairie Thunder	51	21	46.0	55.6	23.6	26.1	17.8	22.0	22.5
Rahab 94	51	19	46.1	55.1	25.2	25.3	17.6	21.5	22.7
Shape	48	20	46.6	55.6	24.2	22.4	16.9	19.7	21.2
Webster	50	22	47.0	55.6	23.9	28.0	20.5	24.3	24.1
York	47	21	47.2	55.8	23.7	23.9	18.7	21.3	22.1
Mean	51	21	46.5	55.6	23.1	24.6	18.4	21.5	22.2
CV %	2.2	6.6	2.0	1.4	12.5	12.4	15.3	--	--
LSD 0.05	2	2	1.4	1.2	4.1	5.0	4.6	--	--
LSD 0.10	1	2	1.2	1.0	3.4	4.2	3.8	--	--

Planted: May 9. Harvested: Aug. 19. Previous crop: soybean.

<sup>1</sup>Three-year average is from 2014, 2016 and 2017. No data available for 2015.<sup>2</sup>DAP = Days after planting.<sup>3</sup>Yellow seeded.

**Table 8. 2017 Flax - Dryland - Williston - Authors, J. Bergman, G. Pradhan and E. Link.**

Cultivar	Days to Flower (DAP) <sup>1</sup>	Days to Maturity (DAP) <sup>1</sup>	Plant Height (inch)	Test Weight (lb/bu)	Oil Content (%)	Seed Yield		
						2017	2-yr. Avg.	3-yr. Avg.
Bison	53	89	21	53.0	42.7	10.5	15.4	19.0
Carter <sup>2</sup>	54	88	19	53.3	43.3	9.2	15.7	20.5
CDC Bethune	54	89	20	52.9	42.6	10.5	16.3	20.1
CDC Glas	56	87	21	52.5	43.3	12.6	17.5	21.8
CDC Melyn <sup>2</sup>	58	89	22	40.3	44.2	7.7	--	--
CDC Neela	53	86	19	52.3	43.7	11.8	--	--
CDC Plava	54	88	21	52.6	42.9	6.1	--	--
CDC Sanctuary	56	88	20	52.4	43.2	10.5	18.7	21.8
CDC Sorrel	54	87	21	52.6	43.3	10.3	17.6	21.6
Gold ND <sup>2</sup>	56	90	22	53.4	45.5	10.5	17.0	21.3
Nekoma	54	88	20	53.2	43.4	10.6	16.6	20.2
Omega <sup>2</sup>	55	88	20	53.6	43.5	9.8	14.2	18.6
Pembina	55	89	21	52.8	43.3	9.6	16.1	20.0
Prairie Blue	54	88	21	53.0	43.2	11.8	17.3	21.0
Prairie Grande	53	90	21	52.7	43.3	7.1	14.7	18.9
Prairie Sapphire	55	87	21	52.7	43.9	11.3	17.3	20.5
Prairie Thunder	55	89	21	53.5	42.6	11.6	17.2	20.6
Rahab 94	56	88	19	52.4	42.3	8.8	16.1	20.0
Shape	53	89	21	53.0	42.6	11.6	17.6	20.4
Webster	53	89	21	52.9	42.4	9.8	16.8	20.3
York	52	88	20	53.1	41.9	9.7	15.3	19.1
Mean	54	88	21	52.3	43.2	10.1	16.5	20.3
CV %	2.0	1.6	6.3	0.7	2.3	18.4	--	--
LSD 0.05	1.8	NS	2.1	0.6	1.6	3.1	--	--
LSD 0.10	1.5	NS	1.7	0.5	1.4	2.6	--	--

Planted: April 26. Harvested: Aug. 9. Previous crop: durum.

<sup>1</sup>DAP = Days after planting.<sup>2</sup>Yellow seeded.**Table 9. 2017 Flax - Irrigated - Williston - Authors, J. Bergman, T. Tjelde and J. Jacobs.**

Cultivar	Days to Flower (DAP) <sup>1</sup>	Days to Maturity (DAP) <sup>1</sup>	Plant Height (inch)	Test Weight (lb/bu)	Oil Content (%)	Seed Yield		
						2017	2-yr. Avg.	3-yr. Avg.
Bison	58	94	26	54.3	40.5	38.9	45.2	--
Carter <sup>2</sup>	57	95	25	53.2	39.5	32.2	39.1	36.9
CDC Glas	61	93	26	53.3	40.6	37.6	47.2	47.7
CDC Melyn <sup>2</sup>	62	89	25	53.6	40.1	31.8	--	--
CDC Sanctuary	58	90	27	53.3	40.0	37.7	37.5	--
CDC Sorrel	62	90	27	53.5	40.0	33.7	41.4	--
Gold ND <sup>2</sup>	61	96	28	54.0	40.6	38.4	42.4	--
Prairie Blue	60	92	26	53.4	40.1	36.7	43.5	42.2
York	56	92	26	53.1	40.1	36.6	41.6	--
Mean	60	92	26	53.5	40.2	36.0	42.2	42.3
CV %	1.9	4.2	2.5	1.0	1.0	12.3	9.9	--
LSD 0.05	3.1	1.9	2.5	0.9	0.7	7.7	8.6	--
LSD 0.10	2.5	1.5	2.1	0.7	0.6	6.3	7.1	--

Planted: May 2. Harvested: Sept. 7. Previous crop: potato.

<sup>1</sup>DAP = Days after planting.<sup>2</sup>Yellow seeded.**For more information on this and other topics, see [www.ag.ndsu.edu](http://www.ag.ndsu.edu)**NDSU encourages you to use and share this content, but please do so under the conditions of our Creative Commons license. You may copy, distribute, transmit and adapt this work as long as you give full attribution, don't use the work for commercial purposes and share your resulting work similarly. For more information, visit [www.ag.ndsu.edu/agcomm/creative-commons](http://www.ag.ndsu.edu/agcomm/creative-commons).County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 701-231-7708, [ndsu.eoaa.ndsu.edu](mailto:ndsu.eoaa.ndsu.edu). This publication will be made available in alternative formats for people with disabilities upon request, 701-231-7881.