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North Dakota Canola

Hybrid Trial Results for 2024 and Selection Guide

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North Dakota has seen significant growth in canola production over the past several years, particularly from 2020 to 2024. From 2017 to 2024, the state canola acreage has increased by nearly 570,000 acres, illustrating the crop's importance to the state's agricultural landscape. In 2021, 1.75 million acres were planted, producing 23.05 billion pounds. In 2023, the state planted 1.93 million acres of canola, producing approximately 34.7 billion pounds and a yield of 1,810 pounds per acre. In 2024, both planted acreage and production increased further, with farmers planting 2.15 million acres and producing an estimated 40.04 billion pounds. The average yield for the state was 1,880 pounds per acre, a slight increase from 2023. This growth in both acreage and production reflects the expanding demand for canola and its profitability. This upward trend underscores North Dakota's position as a major producer of canola in the U.S.

When evaluating varieties or hybrids from trials, pay special attention to yield results closest to your production area. It is also advisable to consider yield averages over several years rather than relying on data from just one year. Additionally, other agronomic characteristics — such as maturity, lodging scores and oil percentages — should be taken into account when available.

Research specialists and technicians contributed to the fieldwork and data compilation. Secretaries contributed in entering data into the respective sections of this document. We greatly appreciate the assistance provided by everyone involved.

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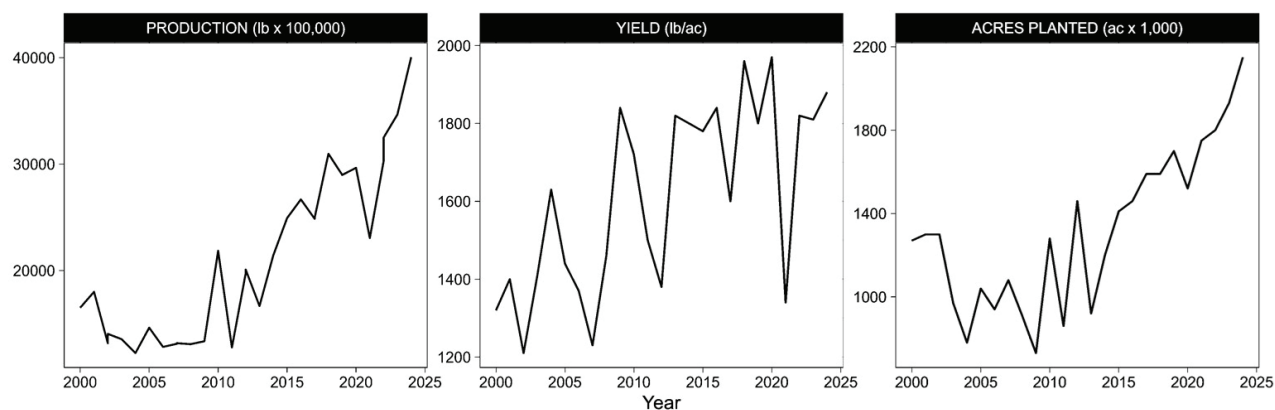


Figure 1. Canola Production, Yield and Acres Planted North Dakota 2000-2024. Data from USDA-NASS.

About This Publication

Variety trial data from all North Dakota State University Research Extension Centers for all crops can be found at www.ag.ndsu.edu/varietytrials and the variety selection tool at <https://vt.ag.ndsu.edu/>. The agronomic data presented in this publication are from replicated research plots using experimental designs that enable the use of statistical analysis. The least significant difference numbers beneath the columns in tables are derived from the statistical analyses. If the difference between two varieties exceeds the LSD value, it means that with 95% or 90% probability (LSD 0.05 or 0.10 level), 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 coefficient of variation is a measure of variability in the trial and is expressed as a percentage. Large CVs mean a large amount of variation that could not be attributed to differences in the varieties. Only compare values within the table and look for trends for the desired trait among different experimental sites and years.

Oil and harvest yield were adjusted to 8.5% moisture. Oil content is intended to differentiate among hybrids at one location. LSD values should be used to determine differences among hybrids. The oil content data are not intended to be compared between locations.

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.

Table 1. Company Name, Short Name used in the tables, and URL with Company Information

Company	Short Name	URL
BASF	BASF	https://agriculture.basf.us/crop-protection/products/seeds/invigor.html
Bayer/Dekalb	Dekalb	https://www.cropscience.bayer.us/brands/dekalb/canola
Brett Young	BrettYoung	https://brettyoung.ca/agricultural-seed-crop-inputs-canada-portal/canola/
DuPond/Pionner	Pionner	https://www.pioneer.com/us/products/canola.html
Dyna-Gro Seed	Dyna-Gro	https://dynagroseed.com/seed-finder/canola?cropsId=dynagroseed:crops/canola
Meridian/Canterra Seeds	Canterra Seeds	https://www.meridianseeds.com/bulk-seed-for-sale/oil-seed/canola-seed/
Nuseed SA	Nuseed	https://nuseed.com/us/crop/canola/
Proseed	Proseed	https://www.proseed.net/products/canola
Rubisco Seeds	Rubisco	https://rubiscoseeds.com/
Star Specialty Seeds	Star Specialty	https://starspecialtyseed.com/
WinField/Croplan	Croplan	https://www.croplan.com/products/canola
DL Seeds Inc	DL Seeds Inc	https://dlseeds.ca/

Table 2. Canola Roundup Ready variety trial description from Langdon REC, ND.

Canola - Roundup Ready							Langdon
Company	Variety	Type ¹	Club Root ²	Blackleg Rating ³	Days to Flower (days)*	Flower Duration (days)	Days to Mature (days)*
BASF	LR354PC	TFLL	Yes	R	42	18	88
BASF	LR344PC	TFLL	Yes	R	41	18	87
BrettYoung	BY 6219TF	TF	Yes	R	38	23	88
Canterra Seeds	CS3100 TF	TF	Yes	R	44	22	93
Canterra Seeds	CS3200 TF	TF	Yes	R	43	19	90
Canterra Seeds	CS3300 TF	TF	Yes	R	38	24	88
Croplan	CP9978TF	TF	--	R	39	22	90
Croplan	CP9221TF	TF	Yes	R	38	20	85
Dyna-Gro	DG 781TCM	TF	Yes	R	39	21	88
Dyna-Gro	DG 760TM	TF	No	R	39	20	86
Nuseed	NC527CRTF	TF	Yes	R	39	22	89
Pioneer	P515G	OptiGLY	Yes	R	39	22	87
Proseed	TR23127	TF	Yes	R	41	21	87
Star Specialty	StarFlex	TF	No	R	38	22	87
Mean					41	21	89
C.V. %					1.9	16.8	1.4
LSD 10%					0.9	4.3	1.5

* Days after planting.

Planting Date: May 31, Harvest Date: September 25, Previous Crop: Soybean, Soil Type: Svea-Barnes loam

¹ All hybrids are traditional oil types and commercially available. TF-Roundup Ready TruFlex, TFLL-Roundup Ready TruFlex-Liberty Link stacked, OptiG=Optimum GLY

² Has clubroot resistance gene(s).

³ Blackleg rating provided by the companies.

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

Table 3. Canola Roundup Ready variety trial results from Langdon REC, ND.

Canola - Roundup Ready					Langdon				
Company	Variety	Plant Height (inch)	Cover ¹ (%)	Club root Oil ² (%)	Yield			2-yr Avg.	3-yr Avg.
					2022	2023	2024		
BASF	LR354PC	52	82	45.4	--	2344	3076	2710	--
BASF	LR344PC	52	76	44.4	--	--	2919	--	--
BrettYoung	BY 6219T	53	73	44.4	--	2709	2819	2764	--
Canterra Seeds	CS3100 T.	52	66	44.3	3382	2609	2457	2533	2816
Canterra Seeds	CS3200 T.	52	100	45.4	--	--	3051	--	--
Canterra Seeds	CS3300 T.	51	63	45.1	--	--	2669	--	--
Croplan	CP9978TF	50	83	44.9	2710	2932	2933	2932	2858
Croplan	CP9221TF	49	78	43.2	--	2412	2446	2429	--
Dyna-Gro	DG 781TC	50	80	45.0	--	2526	2753	2639	--
Dyna-Gro	DG 760TM	51	77	44.5	--	2818	2603	2710	--
Nuseed	NC527CR	50	75	45.0	2797	2471	2534	2503	2601
Pioneer	P515G	48	78	46.0	--	2551	2819	2685	--
Proseed	TR23127	50	68	44.9	--	2709	2566	2637	--
Star Specialty	StarFlex	49	81	45.9	3149	2676	2871	2774	2899
Mean		51.3	74.7	44.9	3036	2516	2727	--	--
C.V. %		2.8	11.2	1.4	7.0	5.1	11.3	--	--
LSD 10%		1.7	10.0	0.8	320	297	366	--	--

¹ 8.5% Moisture.

² % Cover- Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

No lodging in trial. Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

Table 4. Canola Liberty Link variety trial description from Langdon REC, ND.

Canola - Liberty Link					Langdon			
Company	Variety	Type ¹	Blackleg Rating ²	Club Root ³	Days to Flower (days)*	Flower Duration (days)	Days to Maturity (days)*	
BASF	L333PC	LL	R	Yes	41	17	87	
BASF	L340PC	LL	R	Yes	39	21	86	
BASF	L343PC	LL	R	Yes	39	19	86	
BASF	L345PC	LL	R	Yes	40	20	87	
BASF	L350PC	LL	R	Yes	45	16	92	
BASF	LR344PC	TFLL	R	Yes	42	17	89	
BASF	LR354PC	TFLL	R	Yes	44	17	92	
BrettYoung	BY 7204LL	LL	R	Yes	42	19	91	
Canterra Seeds	CS4000 LL	LL	R	Yes	40	20	87	
Canterra Seeds	CS4100 LL	LL	R	Yes	41	20	90	
Croplan	CP7130LL	LL	R	Yes	40	20	87	
Croplan	CP7250LL	LL	R	Yes	43	19	91	
Dekalb	DK400TL	TFLL	R	Yes	37	20	87	
Dyna-Gro	DG 661 LCM	LL	R	Yes	39	21	88	
Pioneer	P516L	LL	R	Yes	41	21	90	
Pioneer	P612L		R	Yes	43	20	92	
Mean					41	20	89	
C.V. %					1.7	5.5	1.3	
LSD 10%					0.8	1.3	1.4	

* Days after planting.

Planting Date: May 31, Harvest Date: September 25, Previous Crop: Soybean, Soil Type: Svea-Barnes loam

¹ Hybrids are tradition oil type and commercially available. LL-Liberty Link, TFLL-Roundup Ready Truflex- Liberty Link stacked.

² Blackleg Rating provided by company

³ Has clubroot resistance gene(s)

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

Table 5. Canola Liberty Link variety trial results from Langdon REC, ND.

Canola - Liberty Link										Langdon
Company	Variety	Plant Height (inch)	Cover ¹ (%)	Oil ² (%)	Yield ² (lb/ac)					
					2022	2023	2024	2yr Avg.	3yr Avg.	
BASF	L333PC	52	78	43.7	--	--	3110	--	--	
BASF	L340PC	50	76	43.0	3573	2644	3406	3025	3208	
BASF	L343PC	50	73	43.4	3627	2541	3304	2922	3157	
BASF	L345PC	51	86	43.6	3734	2454	3391	2922	3193	
BASF	L350PC	55	81	46.1	3615	2668	3140	2904	3141	
BASF	LR344PC	55	76	44.1	--	--	3258	--	--	
BASF	LR354PC	58	71	44.8	3351	2429	3186	2807	2989	
BrettYoung	BY7204LL	55	64	46.9	--	--	2805	--	--	
Canterra Seeds	CS4000 LL	54	79	45.3	3237	2907	2529	2718	2891	
Canterra Seeds	CS4100 LL	53	68	46.6	--	--	2822	--	--	
Croplan	CP7130LL	56	71	45.0	--	--	3149	--	--	
Croplan	CP7250LL	52	75	44.7	--	2554	2432	2493	--	
Dekalb	DK400TL	50	84	46.2	--	--	3048	--	--	
Dyna-Gro	DG 661 LCM	55	83	44.4	--	2243	2738	2491	--	
Pioneer	P516L	53	73	44.2	--	--	2733	--	--	
Pioneer	P612L	55	46	45.0	--	2584	2607	2595	--	
Mean		53.7	72.6	44.7	3261	2530	2912	--	--	
C.V. %		3.6	10.4	1.2	3.9	9.9	9.5	--	--	
LSD 10%		2.3	8.9	0.6	102	299	326	--	--	

¹ % Cover- Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

² 8.5% moisture

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

Table 6. Canola Conventional-Clearfield variety trial results from Langdon REC, ND.

Canola Conventional-Clearfield											Langdon		
Company	Variety	Type ¹	Blackleg Rating ²	Club Root ³	Cover ⁴ (%)	Days to Flower (days)*	Flower Duration (days)	Days to Maturity (days)*	Height (inch)	Oil ⁵ (%)	Yield ⁵ (lb/a)		
											2023	2024	Avg.
Rubisco	RUB368-D	CL	MR	N/A	53	--	--	89	56	43.7	2734	2451	2593
Rubisco	RUB378-M	CL	MR	N/A	63	43	20	93	57	46.0	3040	2482	2761
Rubisco	RUBCL-0924	CL	MR	N/A	40	41	23	92	56	43.2	--	2592	--
	RR Check	RR	R	Yes	53	47	22	94	54	43.4	3018	2849	2934
	LL Check	LL	R	Yes	58	40	20	87	54	42.5	3279	3522	3400
Mean					62.7	40.8	20.7	89.6	53.5	43.4	2604	2459	--
C.V. %					13.5	2.4	5.9	1.3	5.4	1.3	10.6	12.2	--
LSD 10%					10.0	1.1	1.4	1.4	3.4	0.7	329	357	--

* Days after planting.

Planting Date: May 31, Harvest Date: September 25, Previous Crop: Soybean, Soil Type: Svea-Barnes

¹ CL-Clearfield, RR- TF, LL- Liberty Link. All varieties are traditional oil type and commercially available.

² Blackleg rating provided by company. ³ Has clubroot resistance gene(s).

⁴ % Cover-Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

⁵ 8.5% moisture.

No lodging in the trial. Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

Table 7. Canola Roundup Ready variety trial results from Carrington REC, ND.

Canola Roundup Ready										Carrington
Company	Variety	Blackleg Rating	Club Root	Herbicide Trait	Days to Flower (days)*	Flower Duration (days)	Days to Maturity (days)*	Plant Height (inch)	Oil (%)	Yield ¹ (lb/a)
BASF	LR354PC	R	Yes	TFLL	56	18	93	47	42.4	2352
BASF	LR344PC	R	Yes	TFLL	55	18	92	44	41.2	2075
BrettYoung	BY 6219TF	R	Yes	TF	54	21	93	44	41.0	2066
Croplan	CP9978TF	R	N/A	TF	54	21	94	45	41.9	2296
Croplan	CP9221TF	R	Yes	TF	54	19	92	40	41.0	2043
Dekalb	DK902TF	R	Yes	TF	53	18	91	41	42.3	1979
Dekalb	DK900TF	R	Yes	TF	54	19	92	41	43.4	1877
DL Seeds Inc	DL226040TF	R	Yes	TF	59	18	96	52	42.5	1992
DL Seeds Inc	DL226196TF	R	Yes	TF	59	17	94	48	41.5	1828
Dyna-Gro	DG 781 TCM	R	Yes	TF	54	19	93	45	42.5	1886
Dyna-Gro	DG 760 TM	R	No	TF	54	17	94	45	41.0	2147
Nuseed	NC527CR TF	R	Yes	TF	55	19	93	43	41.4	1814
Proseed	TR 23127	R	Yes	TF	63	19	93	39	41.9	1750
Star Specialty	Starflex	R	No	TF	54	19	91	40	43.1	1791
Mean					55	19	93	44	41.9	1960
C.V. %					7	7	1	8	1.8	4
LSD 10%					5	2	2	4	0.9	81

* Days after planting.

Plant Date = May 6; Harvest Date = September 9; Previous Crop = Chickpea

Significant hail storm occurred on July 22 with plant/seed pod bruising.

¹Best Linear Unbiased Estimate

Table 8. Canola Liberty Link variety trial results from Carrington REC, ND.

Canola Liberty Link										Carrington
Company	Variety	Blackleg Rating	Club root	Herbicide Trait	Days to Flower (days)*	Flower Duration (days)	Days to Maturity (days)*	Plant Height (inch)	Oil (%)	Yield (lb/a)
BASF	L340PC	R	Yes	LL	43	19	82	47	39.7	2591
BASF	L343PC	R	Yes	LL	43	19	82	48	40.5	2329
BASF	L345PC	R	Yes	LL	43	19	82	47	40.1	2519
BASF	L350PC	R	Yes	LL	48	17	84	49	40.5	2185
BASF	LR354PC	R	Yes	TFL	45	19	83	49	40.4	2494
BASF	LR344PC	R	Yes	TFL	44	18	83	46	40.1	2112
BrettYoung	BY 7204LL	R	Yes	LL	44	20	83	49	42.1	2039
Croplan	CP7130LL	R	Yes	LL	43	19	82	46	39.1	1885
Croplan	CP7250LL	R	Yes	LL	46	19	84	47	37.6	1652
Dekalb	DK400TL	R	Yes	TFL	41	21	81	46	40.9	1755
Dekalb	DK800LL	R	Yes	LL	43	20	82	48	41.6	2040
Dekalb	DK801LL	R	Yes	LL	42	20	82	46	42.2	2171
Dekalb	DK401TL	R	Yes	TFL	12	20	81	50	41.6	1979
DL Seeds Inc	DL226031LL	R	Yes	LL	47	19	84	50	40.8	2038
DL Seeds Inc	DL231434LL	R	Yes	LL	48	18	83	47	38.2	1747
DL Seeds Inc	DL231439LL	R	Yes	LL	43	20	81	47	39.3	1782
DL Seeds Inc	DL231558LL	R	Yes	LL	44	21	84	46	41.0	1892
DL Seeds Inc	DL231727LL	R	Yes	LL	48	18	83	45	40.9	1915
DL Seeds Inc	DL231732LL	R	Yes	LL	44	20	82	48	42.3	1887
DL Seeds Inc	DL231851LL	R	Yes	LL	44	19	82	47	38.6	1984
DL Seeds Inc	DL231958LL	R	Yes	LL	47	19	83	47	40.1	2054
Dyna-Gro	DG 661 LCM	R	Yes	LL	44	19	82	48	41.4	1850
Mean					43	19	83	47	40.4	2051
C.V. %					29	5	1	6	2.5	9
LSD 10%					15	1	1	3	1.2	214

* Days after planting.

Plant Date = May 16; Harvest Date = September 9; Previous Crop = Chickpea

Significant hail storm occurred on July 22 with plant/seed pod bruising.

Table 9. Canola Roundup Ready variety trial results from Minot, ND (North Central REC).

Canola Roundup Ready						Minot
Company	Variety	Days to Flower (days)*	Days to Mature (days)*	Plant Height (inch)	Oil (%)	Yield (lb/a)
BrettYoung	BY6219TF	46	102	44	40.9	2655
Canterra Seeds	CS3100 TF	47	103	42	42.7	2664
Canterra Seeds	CS3200 TF	44	100	45	41.7	2816
Canterra Seeds	CS3300 TF	46	99	42	41.4	2661
Croplan	CP9221TF	47	97	37	41.4	2819
Croplan	CP9978TF	48	100	41	41.8	2553
Dekalb	DK900TF	48	98	41	41.4	2981
Dekalb	DK902TF	48	98	43	41.9	2881
Dyna-Gro	DG 760 TM	46	99	43	41.6	2618
Dyna-Gro	DG 781 TCM	48	100	41	40.7	3151
Pioneer	P515G	48	99	41	41.4	2517
Proseed	TR23127	47	99	42	41.6	2442
Star Specialty	StarFlex	48	98	43	41.7	2490
Mean		47	99	42	41.4	2711
C.V. %		1.9	2.4	8.4	1.9	6.8
LSD 10%		1	3	5	1.1	260

* Days after planting.

Planting date: May 12, 2024, Harvest date: August 28, 2024, Seeding rate: 450,000 live seeds/acre

Previous crop: soybeans, Tillage system: no-till, Soil type: Williams loam

Table 10. Canola Liberty Link variety trial results from Minot, ND (North Central REC).

Canola Liberty Link						Minot
Company	Variety	Days to Flower (days)*	Days to Mature (days)*	Plant Height (inch)	Oil (%)	Yield (lb/a)
BASF	L333PC	48	99	48	40.9	3349
BASF	L340PC	47	96	43	41.9	3021
BASF	L343PC	47	96	43	42.0	2848
BASF	L345PC	48	95	43	41.5	2957
BASF	L350PC	48	96	46	42.4	3170
BASF	LR344PC	49	95	47	43.3	2515
BASF	LR354PC	48	97	44	42.1	2934
BrettYoung	BY7204LL	47	98	47	42	3048
Canterra Seeds	CS4000 LL	47	98	41	42.4	2615
Croplan	CP7130LL	47	97	45	42.3	3083
Croplan	CP7250LL	49	98	44	41.2	2643
Dekalb	DK400TL	47	98	41	40.8	2970
Dekalb	DK401TL	47	98	41	41.2	2691
Dyna-Gro	DG 661 LCM	44	100	43	41.7	3027
Pioneer	P516L	47	95	48	42.0	3220
Pioneer	P612L	48	96	45	41.9	3362
Mean		47	97	44	41.8	2966
C.V. %		2.1	3.3	7.4	2.3	6.7
LSD 10%		1	4	4	1.3	275

* Days after planting.

Planting date: May 12, 2024, Harvest date: August 28, 2024, Seeding rate: 450,000 live seeds/acre

Previous crop: soybeans, Tillage system: no-till, Soil type: Williams loam

Table 11. Canola Liberty Link variety trial results from Rugby, ND.

Canola Liberty Link				Rugby
	Variety	Plant Height (inch)	Oil (%)	Yield (lb/a)
BASF	L340PC	46	44.8	1975
BASF	L345PC	48	45.7	1783
BrettYoung	BY7204LL	38	46.0	1603
Croplan	CP7250LL	37	45.7	1909
Croplan	CP7130LL	46	46.3	1877
Dekalb	DK400TL	44	45.8	1939
Mean		43	45.7	1848
C.V.%		14.9	2.9	5.1
LSD 10%		9	NS	137

NS = no statistical difference between varieties.

Planting date: May 16, 2024

Harvest date: September 4, 2024

Seeding rate: 450,000 live seeds/acre

Previous crop: barley

Tillage system: minimum

Soil type: Gardena silt loam

Table 12. Canola Liberty Link variety trial results from Mohall, ND.

Canola Liberty Link				Mohall
	Variety	Plant Height (inch)	Oil (%)	Yield (lb/a)
BASF	L340PC	35	41.8	1297
BASF	L345PC	27	41.3	1641
BrettYoung	BY7204LL	34	41.6	1694
Croplan	CP7250LL	34	41.6	1791
Croplan	CP7130LL	33	41.6	1135
Dekalb	DK400TL	30	41.5	1365
Mean		32	41.6	1487
C.V.%		17	2.6	6.6
LSD 10%		NS	NS	142

NS = no statistical difference between varieties.

Planting date: May 16, 2024

Harvest date: September 4, 2024

Seeding rate: 450,000 live seeds/acre

Previous crop: soybeans

Tillage system: minimum

Soil type: Barnes loam

Note: The trial sustained hail damage on June 27. View data with caution

Table 13. Canola Roundup Ready variety trial results from Hettinger REC, ND.

Canola - Roundup Ready							Hettinger	
Company	Variety	Days to Flower (days)*	Flower Duration (days)	Days to Mature (days)*	Plant Height (inch)	Oil (%)	Yield	
							2024	2-Yr. Avg.
BrettYoung	BY 6219TF	44	26	86	36.64	40.6	1097	--
Canterra Seeds	CS3100 TF	48	25	89	40	41.5	916	1633
Canterra Seeds	CS3200 TF	46	22	86	40	42.4	1063	--
Canterra Seeds	CS3300 TF	44	27	85	38	43.7	1275	--
Croplan	CP9978TF	45	25	85	39	40.6	1080	--
Croplan	CP9221TF	45	23	84	35	40.2	1034	1503
Dekalb	DK902TF	45	25	85	36	42.1	1259	--
Nuseed	NC527CR TF	45	25	86	35	42.9	1118	1629
Proseed	TR 23127	46	24	84	37	42.8	1135	1707
Star Specialty	StarFlex	45	25	84	36	42.4	1038	1762
Mean		45	25	84	38	41.7	1068	1647
C.V. %		4.1	6.9	1.1	4.8	1.3	8.1	--
LSD 10%		1.5	1.7	0.8	1.7	0.5	80	--

* Days after planting.

Planting Date: May 10

Harvest Date: August 19

Previous Crop: Oat Hay

Table 14. Canola Liberty Link variety trial results from Hettinger REC, ND.

Canola - Liberty Link							Hettinger	
Company	Variety	Days to Flower (days)*	Flower Duration (days)	Days to Maturity (days)*	Plant Height (inch)	Oil (%)	Yield	
							2024	2-Yr. Avg.
BrettYoung	BY 7204LL	47	23	85	41	43.5	1145	--
Canterra Seeds	CS4000LL	46	24	83	41	42.2	1211	1854
Canterra Seeds	CS4100LL	46	25	83	41	44.0	1285	--
Croplan	CP7130LL	46	24	83	42	42.1	1108	--
Croplan	CP7250LL	48	23	85	41	40.9	1106	1852
Mean		46	24	84	42	41.9	1138	1853
C.V. %		1.2	2.1	0.3	4.7	1.0	8.8	--
LSD 10%		0.5	0.5	0.2	1.8	0.4	94	--

* Days after planting.

Planting Date: May 10

Harvest Date: August 19

Previous Crop: Oat Hay

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