

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Canola LL Dryland Variety Trial

WREC, Williston, ND 2022

Variety	Company / Brand	Type ¹	Days to Flower (DAP ²)	Days to Maturity (DAP)	Plant Height (in)	Oil (%)	Test Weight (lb/bu)	Yield	
								2022 (lb/ac)	2-Yr-Avg. (lb/ac)
CP7130LL	Croplan	LL	43	79	33.8	38.3	52.2	203.6	485.5
CP7144LL	Croplan	LL	42	79	33.5	39.5	51.4	236.9	479.5
CS4000 LL	Canterra Seeds	LL	45	82	33.5	38.2	51.7	199.1	455.9
DKTFLL21SC	DeKalb	LL/TF	46	81	30.8	38.9	52.4	385.0	-
L233P	BASF Corp	LL	43	80	33.1	39.6	52.4	472.2	565.3
L340PC	BASF Corp	LL	42	79	35.1	38.9	52.8	543.8	660.6
L343PC	BASF Corp	LL	43	83	33.4	39.2	51.7	489.8	-
L345PC	BASF Corp	LL	43	84	33.5	38.9	52.4	539.4	647.4
LR344PC	BASF Corp	LL/RR	43	85	33.9	38.3	51.8	469.3	578.8
Mean			43.3	81.3	33.4	38.9	52.1	393.2	-
CV %			10.9	1.8	7.7	1.6	0.7	14.0	-
LSD (10%)			5.7	1.8	3.1	0.7	0.4	66.8	-
LSD (5%)			6.9	2.2	3.8	0.9	0.5	80.6	-

Location: WREC.

Latitude: 48.132460.

Longitude: -103.746934.

Previous crop: Soybean.

Soil type: Williams-Bowbells Loam.

Altitude: 2105 ft.

Seeding date: 5/24/2022.

Harvested: 8/26/2022.

Soil test (0-6 in): P= 21 ppm; K=265 ppm; pH= 6.1; and OM= 2%.

Soil test (0-24 in): NO3N= 29 lb/ac.

Applied fertilizers (lb/ac): N=51; P=23.5; K=0.

Applied chemicals: Tombstone Helios 2 fl.oz/ac (06/22/2022).

¹LL = .LibertyLink; RR = Roundup Ready.

²DAP = Days after planting.