

**NDSU Carrington Research Extension Center
2010 Variety Trial Data**

Canola - Liberty Link and Clearfield Cultivars	Carrington
---	-------------------

Brand	Cultivar ¹	Weed Trait ²	Plant Type ³	Days to Bloom	Bloom Duration	Days to PM	Plant Lodge	Plant Height	1000 KWT	Test Weight	Oil Content	----- Seed Yield -----	
												2010	3-yr. Avg.
												% @8.5%	lb/ac
												0-9	inch
												gram	lb/bu
												M	M
Bayer CropScience	InVigor 5440	LL	Hyb	48.0	21.0	85.8	0.0	39.2	2.91	52.8	42.5	2060	2023
Bayer CropScience	InVigor 8440	LL	Hyb	47.3	20.0	85.0	0.3	38.6	2.75	52.4	43.6	2258	--
Bayer CropScience	InVigor Health 1145	LL	Hyb	48.0	20.5	87.0	0.3	39.0	2.95	52.4	44.4	2072	--
Bayer CropScience	InVigor L150	LL	Hyb	49.8	19.0	87.0	0.8	38.1	2.68	52.7	43.6	2474	--
Bayer CropScience	InVigor L130	LL	Hyb	47.0	21.3	85.5	0.0	37.4	2.85	52.4	42.4	2457	--
Croplan Genetics	XCEED 8571	CL	OP	43.8	24.8	88.8	0.5	38.4	2.53	52.5	41.3	1967	--
Croplan Genetics	XCEED 8470	CL	OP	42.0	23.5	88.0	1.8	37.3	2.51	51.7	42.0	1514	--
DL Seeds	09DL30512	CL	OP	49.0	20.3	87.0	0.3	39.1	2.64	52.8	42.7	2176	--
Pioneer Brand	45H73	CL	Hyb	47.0	20.3	86.8	0.8	36.5	2.51	51.9	43.8	2439	--
MEAN				46.5	21.6	86.9	0.5	38.0	2.68	52.4	42.7	2144	--
C.V. (%)				1.4	4.4	0.6	125	7.0	2.8	0.5	2.2	9.7	--
LSD 0.05				0.9	1.4	0.7	0.9	NS	0.11	0.3	1.3	300	--

Planting Date = May 6 ; Harvest Date = August 11 ; Previous Crop = Spring Wheat

* All canola cultivar trait information referenced is as provided by companies.

¹ All canola varieties tested within this trial have the "Traditional" oil type and are all rated as "R" or resistant to blackleg.

² Weed trait: Equates to weed control/herbicide trait. CL = Clearfield system; LL = Liberty Link system. Each canola variety within a weed control trait (eg. Liberty Link or Clearfield) was managed with the appropriate herbicide for weed control.

³ Plant type: OP = Open-Pollinated; Hyb = Hybrid;