

**NDSU Carrington Research Extension Center  
2012 Variety Trial Data**

<b>Canola - Clearfield Cultivars</b>	<b>Carrington</b>
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Brand	Cultivar	Status <sup>1</sup>	Oil Type <sup>2</sup>	Plant Type <sup>3</sup>	Blackleg <sup>4</sup>	End of	Days to	Plant	1000	Test	Oil	----- Seed Yield -----	
						Flower <sup>5</sup>						PM	Height
						Jday		inch	gram	lb/bu	% @ 8.5%M	lb/ac	-----
Pioneer	45H73	CA	Trad	Hyb	R	191.3	78.0	50.2	2.10	50.6	40.4	2051	2127
Mycogen Seeds	Nexera 2012 CL	CA	HO	Hyb	MR	191.5	79.5	48.7	2.79	51.8	38.9	1701	--
Mycogen Seeds	Nexera 2016 CL	CA	HO	Hyb	R	192.5	79.8	48.1	2.89	51.3	41.2	1591	--
Tech. Crops Intl.	TCI/HEAR/F13	EXP	Other	OP	MS	190.8	77.3	43.9	2.30	48.4	40.1	784	--
MEAN						191.5	78.6	47.7	2.52	50.5	40.2	1532	--
C.V. (%)						0.2	0.6	7.4	4.2	0.6	2.0	11.2	--
LSD 0.05						0.8	0.7	NS	0.17	0.5	NS	274	--

**Planting Date = May 8; Harvest Date = August 6; Previous Crop = Spring Wheat.**

<sup>1</sup> Status refers to availability to producers: CA = Commercially available, while EXP = Experimental line.

<sup>2</sup> Oil Type: Trad. = Traditional; HO = High Oleic; Other = High Erucic

<sup>3</sup> Plant type: Hyb = 'Hybrids'; OP ='Open-Pollinated'.

<sup>4</sup> Blackleg rating: R = Resistant; MR = Moderately Resistant; MS = Moderately Susceptible.

<sup>5</sup> End of Flower: A determination of when the canola lines reached a development stage where only 10% of plants were still supporting flowers. Recorded in Julian Day, where Jday 192 equates to July 9.

\*\* Plant lodging scores were recorded, data not reported as all cultivars had similar, very low lodging scores (1.0)