

**ROUNDUP READY CANOLA VARIETY-2012**

**WILLISTON RESEARCH EXTENSION CENTER**

* Cultivar	Days to Flower	Flower Duration	Canopy Height	Seeds/ Pound	Seed Oil %	1000 KWT g	Test Weight lb/bu	----- Grain Yield -----				
	DAP	Days	inch					2010	2011	2012	2yr avg	3yr avg
DK DKL52-41	54.0	15.3	33.0	154161	43.8	3.0	49.2	1438	1021	681	851	1047
DK DKL30-03	48.5	17.5	32.3	145784	45.7	3.1	50.1	-	-	830	-	-
DK DKL30-42	51.8	15.5	31.3	136014	45.5	3.4	50.4	1407	997	847	922	1084
DK DKL55-55	51.3	16.3	32.5	151456	46.9	3.0	49.4	-	1070	870	970	-
DK DKL72-55	53.5	15.3	34.3	140154	45.6	3.3	36.4	1587	976	718	847	1094
DK DKL70-07	54.5	16.0	30.8	144926	46.9	3.2	47.8	-	1020	689	854	-
BY 6070 RR	52.5	16.8	33.3	147146	45.5	3.1	47.7	-	912	637	774	-
BY 6040 RR	54.0	14.0	34.0	144636	44.6	3.2	47.2	1316	1110	715	913	1047
IFS Integra 7150	50.8	17.5	33.5	149406	45.8	3.1	49.4	-	963	814	888	-
IFS Integra 7152	54.0	15.0	31.3	141343	46.2	3.3	49.8	-	815	628	721	-
MS Nexera1012RR	56.5	14.5	36.5	139590	45.5	3.3	47.0	-	-	731	-	-
MS Nexera1016RR	55.5	13.0	34.3	158791	45.9	2.9	47.8	-	-	676	-	-
CG HyClass 930	52.0	15.3	32.5	141800	48.0	3.2	48.9	-	1135	695	915	-
CG HyClass 947	52.8	15.5	34.3	146096	47.2	3.1	48.8	-	-	713	-	-
CG HyClass 955	51.5	16.5	32.0	154124	47.3	3.0	50.0	-	1225	891	1058	-
CG HyClass 988	55.0	13.8	34.8	137689	45.5	3.3	45.3	-	-	546	-	-
MEAN	53.0	15.5	33.1	145820	46.0	3.1	47.8	-	-	729.9	-	-
C.V.	2.6	13.2	5.1	6.6	1.8	6.9	7.5	-	-	23.9	-	-
LSD 5%	2.0	2.8	2.4	19859.0	1.7	0.4	7.4	-	-	244.3	-	-

Planted: May 1, 2012

Harvested: August 2, 2012

Seed oil percentages determined by NMR

Previous crop: Soybeans

\* Brand/ Company DK=DeKalb, BY=Brett Young, IFS=Integra Fortified Seed, CG=Croplan Genetics, MS=Mycogen Seeds