

Griffin, Georgia: National Canola Variety Trial, 2013-2014

Variety	Yield ¹ lb/A	Survival %	TWT lb/bu	Bloom date	Maturity date	Plant	Lodging %	Shatter %
						Height in		
Alabaster	4866	100	52.2	04/02	05/30	59	7	2
Safron	4771	100	51.8	04/04	06/03	64	0	5
Garou	4743	100	51.3	04/01	06/02	61	0	3
Artoga	4697	100	50.9	04/02	05/31	59	0	2
Star 915W	4643	100	51.0	04/02	05/31	57	0	5
Sitro	4566	100	51.2	04/01	05/31	60	32	5
DK EXSTORM	4559	100	51.0	04/02	06/02	62	0	2
NK Technic	4514	100	51.3	04/02	06/01	63	0	5
Hornet	4425	100	51.3	04/02	06/02	57	27	3
Mercedes	4418	100	51.7	04/03	06/02	60	0	5
Inspiration	4332	100	51.4	04/02	06/01	63	0	8
Argos	4287	100	51.7	04/02	05/31	62	13	8
Wichita	4281	100	51.0	04/03	06/02	62	0	5
DK SENSEI	4254	100	51.7	04/05	06/01	60	13	2
MH09E3	4219	100	51.2	03/31	05/31	56	0	3
SYMarten	4126	100	50.7	03/31	06/01	60	0	5
SY Saveo	4119	100	50.0	04/02	06/02	60	0	5
CHH2311	4063	100	51.2	04/04	06/02	61	0	5
DKW46-15	4005	100	51.6	04/01	05/29	57	0	3
NK Petrol	3986	100	50.9	04/03	06/01	63	0	3
VSX-3	3975	100	50.6	03/31	06/01	59	8	3
Edimax CL	3966	100	51.7	04/02	06/01	60	15	3
X12W447C	3926	100	50.6	04/05	06/03	59	0	8
DK IMIRON CL	3865	100	52.0	04/05	05/31	56	0	0
NPZ4005	3830	100	51.6	04/02	05/28	60	0	7
Dimension	3795	100	50.3	04/01	06/01	60	0	13
HyCLASS115W	3788	100	51.1	03/31	05/30	59	0	3
46W94	3706	100	51.5	04/01	05/31	60	13	7
MH10L23	3706	100	50.1	04/04	06/03	62	0	8
Albstros	3704	100	51.6	04/03	06/02	63	0	2
CHROME	3650	100	50.7	04/02	06/03	60	0	8
Popular	3626	100	50.4	04/01	06/02	60	0	12
KSR07363	3578	100	52.1	03/31	05/30	58	0	5
KSR4649S	3531	100	51.9	04/02	05/30	59	0	5
Claremore	3525	100	51.2	04/08	06/02	62	0	3
Sumner	3475	100	51.6	04/01	06/01	60	0	7
PT211	3442	100	49.6	04/03	06/02	59	30	5
X12W377C	3432	100	51.8	04/06	06/04	60	0	0
46W99	3354	100	51.8	03/31	05/30	61	0	3
VSX-4	3294	100	51.6	03/31	05/31	59	12	5
X10W665C	3272	100	52.0	04/07	06/03	59	0	2
Visby	3255	100	51.9	04/02	06/02	60	0	5
KSR07352S	3249	100	52.4	04/01	05/29	58	15	3
Raffiness	3195	100	50.9	04/03	06/01	60	0	2
Riley	3165	100	51.7	04/02	06/02	61	0	5

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Variety	Yield ¹ lb/A	Survival %	TWT lb/bu	Bloom date	Maturity date	Plant	Lodging %	Shatter %
						Height in		
DKW47-15	3150	100	51.5	04/03	06/01	61	23	7
Virginia	3142	100	50.9	03/31	05/29	57	17	3
X10W443C	3127	100	51.0	04/04	06/02	61	0	8
X13W029C	3109	100	51.5	04/06	06/03	56	0	5
DKW44-10	2937	100	52.7	03/22	05/27	51	18	2
DKW41-10	2800	100	50.9	04/01	06/01	54	45	8
HyCLASS125W	2779	100	51.7	04/01	06/01	59	0	23
KSUR21	2713	100	51.1	04/04	06/03	62	22	7
MH10G11	2631	100	50.7	04/04	06/02	65	23	15
Average	3770 ²	100	51.3	04/02	06/01	60	6	5
LSD at 10% Level	740.3	-	0.7	01	01	2	24	7
Std. Err. of Entry Mean	315.5	-	0.3	01	01	1	10	3

1. Yields calculated as 50 lb/bu at 8.5% moisture.

2. C.V. = 14.5%, and df for EMS = 106.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 3, 2013.

Harvested: June 10, 2014.

Seeding Rate: 5 lb/acre in 7" rows.

Soil Type: Pacolet sandy loam.

Soil Test: P = Medium, K = Very High, and pH = 6.5.

Fertilization: Preplant: 20 lb N, 40 lb P₂O₅, and 60 lb K₂O/acre.

Management: Chisel plowed, disked and rototilled; Treflan used for weed control; Karate used for insect control.

Previous Crop: Wheat.

Test conducted by J. Gassett, G. Ware and H. Jordan.