

## Griffin, Georgia: National Winter Canola Variety Trial, 2007-2008

Variety	Yield <sup>1</sup> lb/A	Oil %	Bloom date	Maturity date	Plant Height in	Lodging <sup>2</sup> rating	Shatter <sup>3</sup> %	Winter Survival %
BSX-501	1954	40.6	04/03	.	59	1.0	12	100
DSV07102	1939	40.4	04/09	.	56	1.4	7	100
Sitro	1792	42.5	04/06	.	49	2.4	10	100
CWH632	1533	40.2	04/05	.	62	3.0	30	100
Hornet	1506	41.9	04/08	.	54	1.9	12	75
KS4158	1477	39.9	04/07	.	58	2.2	47	72
Sumner	1465	40.3	03/29	.	55	1.1	25	100
CWH633	1346	40.9	04/06	.	54	2.2	45	80
Hybristar	1337	40.8	04/07	.	57	2.2	27	100
KS4085	1332	40.5	04/07	.	59	1.5	22	100
CWH687	1332	41.4	04/02	.	55	1.5	43	100
MH903383	1293	42.3	04/06	.	59	1.6	13	100
Rally	1285	40.3	04/08	.	52	3.2	13	100
Virginia	1254	40.7	04/03	.	44	1.0	10	100
KS3074	1242	39.3	04/07	.	59	2.0	18	100
Kadore	1230	38.9	04/10	.	51	1.0	42	77
P99.603.5	1203	.	03/13	.	49	1.9	12	100
KS3302	1199	41.4	04/06	.	55	1.1	32	92
CWH686	1192	39.6	03/31	.	52	4.2	20	100
CWH081	1189	40.0	04/08	.	58	1.0	20	100
CWH631	1185	38.4	04/06	.	53	1.6	37	77
KS3018	1184	40.3	04/05	.	45	1.8	35	100
KS4022	1127	39.7	04/08	.	55	1.2	17	100
Flash	1124	42.0	04/05	.	53	1.9	10	58
P99.603.8	1112	.	03/13	.	44	2.3	18	100
NPZ0791RR	1105	41.3	04/05	.	57	1.6	45	100
CWH688	1104	39.7	03/30	.	54	3.0	45	100
KS7436	1089	39.6	04/08	.	56	2.3	17	72
ARC97018	1077	39.6	04/06	.	56	1.3	40	80
Forza	1066	38.7	04/08	.	55	1.4	20	100
MH604001	1064	40.7	04/05	.	54	2.3	35	80
ARC98007	1063	40.3	04/06	.	63	2.4	37	100
CWH111	1055	41.4	03/31	.	47	1.9	32	100
KS3132	1054	40.1	04/08	.	55	1.6	25	100
P99.603.1	1015	.	03/14	.	49	1.5	17	100
46W14	1010	41.4	04/04	.	53	1.4	27	100
45D03	970	40.4	04/08	.	55	2.6	40	100
DSV07101	964	43.2	04/06	.	57	1.2	25	100
ARC97019	955	38.9	04/06	.	60	1.9	30	87
Abilene	946	40.0	04/06	.	54	2.2	37	77
KS3254	941	40.2	04/08	.	50	1.0	37	100
Ceres	923	38.9	04/07	.	50	2.3	22	72
ARC98015	918	39.8	04/07	.	64	1.5	18	100
CWH630	892	39.8	04/07	.	54	3.5	33	77
Satori	870	41.4	04/07	.	53	1.7	33	100

## Griffin, Georgia: National Winter Canola Variety Trial, 2007-2008 (Continued)

Variety	Yield <sup>1</sup> lb/A	Oil %	Bloom date	Maturity date	Plant Height in	Lodging <sup>2</sup> rating	Shatter <sup>3</sup> %	Winter Survival %
Taurus	868	42.3	04/04	.	54	2.5	28	100
46W99	840	41.7	04/05	.	58	4.0	43	100
Baldur	834	39.7	04/07	.	52	2.6	48	65
NPZ0391RR	820	39.2	04/08	.	58	4.2	33	100
KS3077	790	40.4	04/06	.	57	1.7	45	67
KS9135	790	39.2	04/07	.	56	2.7	33	100
CWH116	770	38.1	04/10	.	51	1.6	20	87
Jetton	762	32.7	04/12	.	61	1.1	43	100
BSX-567	730	37.8	04/08	.	52	3.7	18	87
CWH095	712	40.5	04/07	.	53	1.4	15	100
ARC2180-1	695	40.1	04/06	.	55	2.0	32	100
HyClass107W	687	38.7	04/09	.	55	4.7	30	100
DKW13-69	565	38.1	04/07	.	62	1.9	35	73
DSV07100	563	38.9	04/05	.	57	2.3	63	82
Visby	530	35.8	04/07	.	53	3.4	45	67
Kronos	518	36.8	04/09	.	57	1.9	43	57
Wichita	501	38.3	04/07	.	53	1.1	28	57
Painsman	358	38.7	04/13	.	52	1.2	28	73
CH586	299	.	04/06	.	52	3.5	57	25
Hearty	162	.	02/22	.	54	4.3	55	13
Average	1026 <sup>4</sup>	39.9	04/04	.	55	2.0	30	88
LSD at 10% Level	270	-	02	.	8	2.0	20	30
Std. Err. of Entry Mean	116	-	01	.	3	1.1	9	12

1. Yields calculated as 50 lb/bu at 8.5% moisture.
2. Lodging rating: 1.0 = all plants erect to 5.0 = over 80% of plants down.
3. Estimated yield lost to shattering that occurred on June 9, 2008 due to severe thunderstorm and hail.
4. C.V. = 19.5%, and df for EMS = 128.

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

Planted: October 8, 2007.

Harvested: June 19, 2008.

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

Soil Type: Cecil sandy loam.

Soil Test: P = Medium, K = High, and pH = 5.6.

Fertilization: Preplant: 49 lb N, 98 lb P<sub>2</sub>O<sub>5</sub>, and 147 lb K<sub>2</sub>O/acre.

Topdress: 93 lb N/acre.

Management: Chisel plowed, disked and rototilled; Poast applied for ryegrass control and Mustang Max applied for aphid control.

Previous Crop: Wheat.

Test conducted by J. Gassett and G. Ware.