

SUNFLOWER

Calhoun, Georgia:

Early-Planted Sunflower Performance, 2009, Nonirrigated

Company or Brand Name	Hybrid Name or Number	Yield ¹ lb/acre	Test Wt. lb/bu	Plant Height in	Erect Plants %	50% Bloom days	Phys. Maturity ² days	Bird Damage ³ %
ProSeed	E-8	1470	.	72	30	.	80	6
Pannar Seed	8560NS/CL	1388	.	55	1	.	76	9
DeKalb	DKF39-80CL	1323	.	57	2	.	76	6
Pannar Seed	Pan 7924NS	1253	.	64	4	.	79	4
Triumph	s671	1240	.	46	28	.	78	26
DeKalb	DKF38-45	1235	.	63	1	.	78	4
Triumph	636	1197	.	65	30	.	79	10
Pannar Seed	Pan 7813NS	1139	.	67	3	.	78	5
ProSeed	E-9	1033	.	65	2	.	78	3
DeKalb	DKF38-75NS	1008	.	60	4	.	77	14
Triumph	845HO	1003	.	71	4	.	78	9
Triumph	R664	988	.	67	3	.	79	16
Pannar Seed	Pan 7986NS	922	.	67	26	.	80	1
ProSeed	7001CL	875	.	53	1	.	77	10
Triumph	859HOCL	868	.	62	30	.	81	16
Triumph	660CL	853	.	72	31	.	79	30
Triumph	S878ho	806	.	51	0	.	77	20
ProSeed	9001CL	805	.	56	3	.	75	6
DeKalb	DKF37-32	781	.	59	2	.	75	15
Pannar Seed	Pan 9501	762	.	74	1	.	79	9
DeKalb	DKF37-31	599	.	49	8	.	78	5
DeKalb	DKF34-80CL	404	.	51	4	.	75	18
Average		998 ⁴	.	61	10	.	78	11
LSD at 10% Level								
Std. Err. of Entry Mean								

1. Yields calculated at 10% moisture.
2. Days from planting.
3. Percent of grain head damaged.
4. CV = 32.9% and df for EMS = 63.

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

Planted: May 13, 2009, replanted July 15, 2009.

Harvested: October 22, 2009.

Seeding Rate: 20,000 seed/acre in 30" rows.

Soil Type: Waynesboro loam.

Soil Test: P = High, K = Very High, and pH = 6.6.

Fertilization: Preplant: 21 lb N, 54 lb P₂O₅, and 108 lb K₂O/acre.

Previous Crop: Soybeans.

Management: Moldboard plowed, disked and rototilled; Prowl and three cultivations used for weed control.

Test conducted by J. Gassett, G. Ware, and J. Stubbs.