

Calhoun, Georgia: Early-Planted Sunflower Performance, 2010, Nonirrigated

Company or Brand Name	Hybrid Name or Number	Yield ¹ lb/acre	Test Wt. lb/bu	Plant Height in	Erect Plants %	50% Bloom ² days	Phys. Maturity ³ days	Bird Damage ⁴ %
Croplan	378 DMR/NS	1981	26	69	97	55	85	0
Syngenta	3980 NS/CL	1885	24	64	98	56	84	1
Triumph	610CLD	1845	24	69	90	54	83	5
Triumph	636	1823	21	72	92	58	83	3
Croplan	555 CL/DMS/NS	1679	25	72	93	57	83	9
Advanta	F30008 NS/CL	1664	24	64	97	54	84	4
Syngenta	3875 NS	1662	23	68	94	53	85	5
Croplan	356 A/NS	1599	24	61	73	55	85	9
Pannar Seed	Pan 9501	1551	28	59	94	56	86	8
Seeds 2000	Firebird	1543	22	66	97	58	84	5
Advanta	AP462 NS	1524	24	66	65	57	83	8
Croplan	3080 DMR	1500	23	67	84	56	84	9
Seeds 2000	X9866 CL	1444	23	72	99	57	83	4
Advanta	F51321 NS/DM	1420	25	60	98	53	86	3
Croplan	306 DMR/NS	1407	23	60	79	54	83	6
Syngenta	X9978 CL	1389	28	71	100	57	84	28
Syngenta	3732 NS	1372	24	60	87	54	83	9
Triumph	s673	1300	24	45	70	58	85	14
Advanta	F51122 NS/CL	1274	22	68	96	54	83	3
Pannar Seed	8466 NS/CL	1274	23	67	92	57	86	5
Advanta	F51137 NS/CL	1242	23	58	83	54	85	5
Pannar Seed	8579 NS/DM	1214	25	64	86	55	83	8
Seeds 2000	Sierra	1165	22	72	99	57	82	15
Pannar Seed	Pan 7924NS	1096	23	73	93	57	87	9
Syngenta	4651 NS/DM	1076	24	70	92	57	84	18
Seeds 2000	Blazer CL	1067	21	63	95	58	83	7
Triumph	859HOCL	954	24	70	66	56	85	12
Triumph	S878ho	916	24	63	42	58	84	30
Triumph	S870 CL	885	25	53	77	56	83	11
Triumph	S668	842	24	49	54	60	83	11
Pannar Seed	Pan 7813NS	807	22	69	83	58	87	8
Syngenta	3845 HO	807	23	61	91	55	86	8
Seeds 2000	X9464 CL	625	21	67	57	58	83	32
Average		1328 ⁵	24	64	85	56	84	9
LSD at 10% Level		440	1	9	20	N.S. ⁶	N.S.	11
Std. Err. of Entry Mean		188	1	4	9	2	1	5

Calhoun, Georgia: Early-Planted Sunflower Performance, 2010, Nonirrigated (Continued)

1. Yields calculated at 10% moisture.
2. Days from planting to 50% bloom.
3. Days from planting.
4. Percent of grain head damaged.
5. CV = 28.2% and df for EMS = 96.
6. The F-test indicated no statistical differences at the $\alpha = .10$ probability level; therefore, a LSD value was not calculated.

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

Planted: May 20, 2010.

Harvested: September 18, 2010.

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

Soil Type: Etowah loam.

Soil Test: P = High, K = Medium, and pH = 6.2.

Fertilization: Preplant: 30 lb N, 75 lb P_2O_5 , and 200 lb K_2O /acre. Sidedress: 50 lb N/acre.

Previous Crop: Soybeans.

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

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

Griffin, Georgia: Early-Planted Sunflower Performance, 2010, Nonirrigated

Company or Brand Name	Hybrid Name or Number	Yield ¹ lb/acre	Test Wt. lb/bu	Plant Height in	Erect Plants %	50% Bloom ² days	Phys. Maturity ³ days	Bird Damage ⁴ %
Syngenta	4651 NS/DM	1876	32	46	100	58	98	14
Seeds 2000	Sierra	1857	32	40	100	60	98	18
Pannar Seed	Pan 9501	1789	33	46	100	61	100	11
Seeds 2000	Firebird	1777	32	36	100	59	97	16
Advanta	AP462 NS	1772	32	43	100	61	99	11
Pannar Seed	Pan 7813NS	1769	33	41	100	58	98	20
Syngenta	X9978 CL	1685	36	47	100	60	98	23
Pannar Seed	Pan 7924NS	1628	32	47	100	58	99	15
Croplan	378 DMR/NS	1582	32	45	100	57	97	20
Croplan	306 DMR/NS	1578	34	44	100	54	98	19
Croplan	356 A/NS	1563	33	42	100	58	98	23
Seeds 2000	X9464 CL	1558	32	38	100	61	99	11
Seeds 2000	Blazer CL	1542	33	41	100	60	100	19
Syngenta	3732 NS	1534	32	38	100	58	97	23
Syngenta	3875 NS	1492	33	46	100	57	97	21
Pannar Seed	8579 NS/DM	1415	34	38	98	58	97	34
Seeds 2000	X9866 CL	1402	33	48	100	58	97	26
Syngenta	3980 NS/CL	1317	33	40	100	58	97	31
Croplan	555 CL/DMS/NS	1297	31	46	100	60	96	18
Advanta	F51122 NS/CL	1272	33	44	100	55	96	24
Pannar Seed	8466 NS/CL	1260	33	41	97	61	98	25
Advanta	F51321 NS/DM	1214	32	37	100	53	97	18
Advanta	F51137 NS/CL	1184	34	37	100	59	96	29
Syngenta	3845 HO	1036	34	43	100	57	99	34
Advanta	F30008 NS/CL	940	33	39	100	57	97	39
Croplan	3080 DMR	890	34	37	99	54	96	44
Average		1470 ⁵	33	42	100	58	98	22
LSD at 10% Level		418	1	5	N.S. ⁶	1	2	13
Std. Err. of Entry Mean		177	1	2	1	1	1	5

1. Yields calculated at 10% moisture.
2. Days from planting to 50% bloom.
3. Days from planting.
4. Percent of grain head damaged.
5. CV = 24.1% and df for EMS = 75.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

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

Planted: May 13, 2010.
 Harvested: August 31, 2010.
 Seeding Rate: 20,000 seed/acre in 30" rows.
 Soil Type: Cecil sandy clay loam.
 Soil Test: P = Very High, K = Very High, and pH = 6.1.
 Fertilization: Preplant: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre. Sidedress: 50 lb N/acre.
 Previous Crop: Soybeans.
 Management: Moldboard plowed, disked and rototilled; Prowl, Poast and one cultivationn used for weed control.

Test conducted by J. Gasset and G. Ware.