

2012 Confectionary Sunflower Hybrid Trial  
 Lubbock, Texas

Replanted July 19, 2012 (irrigated up July 21); harvested November 16, 2012.

Company or Brand	Hybrid	Hybrid Type†	Days to Half Bloom	Plant Height (inches)	Avg. Plants/ acre	Lodg- ing %	%Seed Retained Over Screen		Test Weight (lbs./bu)	Yield @ 10% H2O (lbs./A)	2012 Crop Value (\$/Acre)‡
							>22/64"	>20/64"			
NuSeed	5009		50	53	10,800		33.9	68.0	22.3	1,750	571
NuSeed	NHW11901		47	48	14,100	N	21.9	44.7	21.3	1,769	529
NuSeed	NHW11903		50	48	11,400	o	55.0	83.9	21.4	1,442	492
NuSeed	NHW11909		51	53	11,500	n	59.3	82.2	18.8	1,723	587
NuSeed	NHW11914		50	55	11,200	e	57.2	89.7	20.2	1,916	667
NuSeed	NHW11931		52	43	10,900		20.2	54.7	21.7	1,446	448
NuSeed	NHW11933		50	54	12,000	i	22.7	52.9	22.3	1,752	539
NuSeed	NHW11936		49	52	13,100	n	41.5	66.8	21.4	1,680	543
NuSeed	NHW11944		51	56	11,100		9.3	36.4	22.7	1,267	368
NuSeed	X4417		52	54	9,200	t	75.3	89.3	16.9	1,194	415
Triumph	770 CL	CL	54	56	11,900	r	80.9	92.2	20.3	1,404	493
Triumph	755 C		56	61	14,200	i	67.1	83.9	18.0	1,394	477
Triumph	751 C		56	50	10,000	a	86.5	94.4	18.7	1,243	440
CHS	RH1121		53	58	12,400	l	75.6	91.7	20.2	1,818	638
Red River	2215		56	59	12,500		58.8	83.5	20.5	1,892	647
Red River	2217		56	56	11,500		78.2	90.9	17.9	1,342	470
Red River	8015		52	54	12,100		70.7	91.1	17.0	1,606	562
Red River	2215CL	CL	58	58	13,900		35.5	69.2	20.3	1,530	500
<b>Average</b>			52	54	11,900		52.8	75.9	20.1	1,565	\$521

P-Value (Hybrid)	<0.0001	0.0111	0.0044		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fisher's Protected LSD (0.05)¶	2	8	2,400		15.2	11.5	1.0	299	101
Coefficient of Variation, CV (%)	6.5	12.6	16.9		48.3	25.3	9.5	18.9	19.6

†CL = Clearfield herbicide tolerant.

‡Pricing for 2012 Texas High Plains at \$36/cwt. large seed (>20/64"), \$25/cwt. small seed.

¶Numbers in the same column that vary by more than the least significant difference (LSD) are significantly different at the 95% confidence level.

**Preliminary Trial Notes:**

Drought severity at the test site was severe due to poor minimal rainfall and heat. Rainfall was 4.8" and furrow irrigation was 14".

This trial was replanted July 19th (irrigated up July 21) due to a poor stand from the late June planting. There was no lodging.

For further information about this test or the Texas A&M AgriLife Crop Testing Program, contact Mr. Dennis Pietsch, Crop Testing director, Texas A&M AgriLife Research, College Station, TX, (979) 845-8505, dpietsch@ag.tamu.edu

Please visit the Crop Testing webpage at <http://varietytesting.tamu.edu> for sunflower and other crop hybrid information.

For additional sunflower production resources for Texas contact Extension agronomist Dr. Calvin Trostle, Lubbock, Texas A&M AgriLife Extension Service, Lubbock, (806) 746-6101, ctrostle@ag.tamu.edu, or visit <http://lubbock.tamu.edu/sunflower>