

College Station 2021 Sunflower Performance Trial



Brand	Variety	Plant Height (in)	Lodging (%)	Oil Content (%)	Moisture %	Test Weight (lb/bu)	Yield (lb/acre)
S&W Seed	SW110	82	0	N/A	8.5	31.1	3,314.6
Dyna-Gro	H45NS16	86	0	N/A	8.3	30.7	3,122.6
S&W Seed	SF440	85	0	N/A	8.2	32.0	3,042.0
Nuseed	N4H422	97	0	N/A	8.7	29.4	2,894.8
Dyna-Gro	XH91H54	97	0	N/A	8.1	29.4	2,891.6
Dyna-Gro	H49NS14	85	0	N/A	8.7	26.9	2,641.6
Nuseed	N4H470	93	0	N/A	8.3	28.1	2,580.7
Dyna-Gro	H49HO19	84	0	N/A	8.5	28.2	2,551.8
Dyna-Gro	XH81H52CP	93	0	N/A	8.9	27.5	2,550.8
Nuseed	N4H302	96	0	N/A	8.4	27.3	2,214.2
Nuseed	Falcon	90	0	N/A	8.4	28.6	2,199.9
Nuseed	N4H521	88	0	N/A	8.5	26.5	1,966.5
Dyna-Gro	H48HO15	86	0	N/A	8.8	25.9	1,925.0



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Agronomic information		Mean		89	0		8.5	28.6	2,607.4	
		C.V.	%	3.5			3.9	2.7	8.1	
Plant Date	3/31/2021	P>f (hybrid		0.000			0.173	0.000	0.000	
Harvest Date	8/28/2021	L.S.I	D.	5.2			0.6	1.3	373.6	
Irrigated	No	No Trial Notes			Cooperator: Texas A&M AgriLife					
Row Spacing (in)	30	*15 oz/ac Prevathon +	uilt applied 6/10		Four replications of each hybrid are planted in a randomized block					
Number of Rows 2					anal	design. Model: yield = hybrid blk. SAS 9.4 was used for statistical analysis. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter				
Seeds per Acre	20,000	rank								
Precipitation (in)	30.8			com	with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System.					
Irrigation (in)					Prec date	ipitation data was	recorded from J	anuary 1 through	the harvest	
Herbicide					For a	additional informat	ion contact:			
1.5 pt/ac Dual applied pre-plant		* Mehlich 3 by ICP, soiltesting.tamu.edu				Dr. Ronnie Schnell / Katrina Horn				
		** Samples collected at planting, some locations may have applied fertilizer				ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505				
		Fertilizer Applied				Soil Analysis Report**				
Soil Type Ships clay	,	N (lb/ac)	90	NO3-N (ppm)		рН				
Tillage Convention	onal	P2O5 (lb/ac)	0	P (ppm)*		Conduc	tivity (umho,	/cm)		
		K2O (lb/ac)	0	K (ppm)*		Ca (ppn	n)*			
Dravious		S (lb/ac)	0	S (ppm)*		Mg (pp	m)*			
Previous Crop Grain Sorghum		Zn (lb/ac)	0		Na (ppm)*					