

2024 Haysville, Kansas Sunflower Performance Trial

BRAND	NAME	Yield (lbs/a)	PAVG (%)	Moist (%)	TW (lb/bu)	Heads per h.area	Yield (bu/a)
DYNA-GRO	H47HO11EX	1203.9	75.5	8.3	27.8	25.0	43.4
DYNA-GRO	H49HO19CL	1760.3	110.4	13.0	25.8	29.0	68.3
DYNA-GRO	XH4156CL	1373.4	86.2	8.4	27.4	35.0	49.8
PIONEER	P64ME01	2038.3	127.9	9.0	27.8	35.8	73.2
	Average	1594.0	100.0	9.7	27.2	31.2	58.7
	LSD (0.05)	326.3	20.5	--	--	--	--

*yields must differ by more than the LSD value to be considered statistically different.

John C. Pair Horticulture Research Center, Haysville, Kansas.

18-Jun-24	Target planting depth 1-2 inches. Irrigated immediately after planting. Target 26,000 PSL/A
21-Jun-24	Sprayed Glyphosate and Pendimethalin (Prowl 3.3) @ 2 pts/A
5-Jul-24	Sprayed plot with Poast (2 pt/A) for control of volunteer wheat
9-Jul-24	Broadcast Urea (46-0-0) at 45 lbs of actual N/A
31-Jul-24	First flowers opening on XH41H56CL
2-Aug-24	50% flowering on XH41H56CL
7-Aug-24	50% flowering on all other varieties
20-Aug-24	Sprayed with DiPel Pro DF (<i>Bt</i>) at 1# in 50 gal over whole plot using FMC Sprayer.
27-Sep-24	Harvested 2 rows from each plot by manually cutting the flower head off

Observed seasonal precipitation	18.19 inches
Normal seasonal precipitation	17.63 inches