

2019 McLennan Co. Grain Sorghum Strip Trial

Plot No.	Brand	Hybrid Variety	Lbs of Grain	% Moisture @Harvest	Length(ft)	Row Spacing(in.)	# Rows	Yield @ 14% Bu/A	Test Weight Lbs/Bu	Yield/Acre (lbs) (a)	* \$ Gross Income	Lodging (b)	Maturity (c)
1	Pioneer	84P80	1104	13.8	704	30	4	122.3	57.5	6722.7	393.70	4	ml
2	Alta	2275	822	14.3	704	30	4	90.5	57.5	4976.5	291.43	5	m
3	Warner	W7721	976	15	704	30	4	106.6	56	5860.6	343.20	4	ml
4	B-H	4041	1056	14.1	704	30	4	116.5	53	6408.1	375.27	4	m
5	Integra	G3665	1044	13.8	704	30	4	115.6	54	6357.4	372.30	4	m
6	B-H	3939	834	13.85	704	30	4	92.3	56.5	5075.6	297.24	4	me
7	Alta	1203	942	14.3	704	30	4	103.7	57.5	5703.0	333.98	5	m
8	Pioneer	84P80	1110	14.5	704	30	4	121.9	57.5	6704.4	392.62	4	ml
9	Pioneer	85P44	1068	13.5	704	30	4	118.7	57.5	6526.2	382.18	5	m
10	Golden Acres	2840B	796	13.5	704	30	4	88.5	57.5	4864.1	284.85	3	m
11	Warner	W5911	862	13.4	704	30	4	95.9	56.0	5273.5	308.82	4	me
12	Pioneer	84P80	1134	13.6	704	30	4	125.9	58.0	6921.4	405.33	4	ml
13	B-H	BH3808	876	13.6	704	30	4	97.2	56.0	5346.7	313.11	5	me
14	Pioneer	84P72	966	13.2	704	30	4	107.7	56.0	5923.3	346.88	4	ml
15	B-H	BH3808	820	13.2	704	30	4	91.4	56.0	5028.1	294.45	5	me
16	Pioneer	84P80	1180	13.9	704	30	4	130.5	57.5	7177.2	420.31	4	ml
	Average		974.38	13.85	704.00	30.00	4.00	107.84	56.50	5929.30	347.23	4.25	

(a) Denotes yield adjusted to 14% moisture

(b) Lodging score 5 being desirable and 1 being non-desirable/on the ground

(c) Denotes maturity rating which may vary several days between varieties/company (e-early, me-medium early, m-medium, ml-medium long, l-long or full)

(*) Denotes price per bushel weight at elevator at harvest (7/30/19). \$3.22/Bu

planted March 9, 2019

harvested July 30, 2019

plant population: 75,000

4 row plots, 30 inch row

Cooperator: Mark Wiethorn

Planting by Mark Wiethorn, Shane McLellan, Jason Wiethorn, Travis McLellan

Harvest by Mark Wiethorn, Shane McLellan, Jason Wiethorn, Ron Joiner

Thanks to Ron Joiner of Pioneer for the use of the weigh wagon

Notes:

18.43 inches moisture during entire season/30 yr avg moisture is 15.48 inches (*Climate Fieldview Data Collection*)

Producers should choose varieties that are resistant to charcoal rot and fusarium rot to lessen the occurrence of lodging due to stalk rots