

2011 CKD3 SALINE COUNTY GRAIN SORGHUM HYBRID DEMONSTRATION

Cooperator: Clayton Short, Assaria, KS
 Planting Date: June 8, 2011
 Harvest Date: November 18, 2011
 Previous Crop: Wheat/double crop soybeans
 Soil Series: Hord silt loam
 Check Hybrid: Pioneer 84G62

Location: 3/4 mile north of Assaria, KS
 Seeding Rate: 66,000 seeds/acre in 30" rows
 Plot Size: 8 rows x 333' long = .153 acre/hybrid
 Herbicide: Dual preplant + Lumax pre emerge
 Fertilizer: 110 N + 50 P₂O₅ preplant broadcast

Hybrids are listed in the same order as planted in the plot.

<u>Hybrid</u>	<u>Harvest Moisture</u>	<u>Test Weight</u>	<u>Yield Bu/A @ 14% Moisture</u>	<u>Check Yield</u>	<u>** Check Adjusted Yield</u>
CHECK#1 (Pioneer 84G62)	14.0	58.0	----	62	
Dekalb 49-45	14.0	56.5	65		71
Fontanelle 4532	13.9	57.0	46		50
Phillips 28219	14.3	57.0	51		56
CHECK #2	14.9	59.5		47	
Pioneer 85G03	15.3	58.0	54		54
Triumph 85131	17.2	56.5	31		31
Dekalb 44-20	14.9	56.0	49		49
Fontanelle 5901	14.8	57.5	57		57
CHECK #3	14.6	58.0		71	
Phillips 96275	14.5	51.0	25		23
Pioneer 85Y40	14.3	57.5	57		52
Triumph 95005	14.0	56.5	45		42
CHECK #4	14.4	59.0		58	
AVERAGES	14.65	57.0	48	59.5	

HYBRID HIGH	65	CHECK HIGH	71
HYBRID AVG	48	CHECK AVG	59.5
HYBRID LO	25	CHECK LO	47

**Check strip adjusted yield is an estimate of a varieties yield, taking into account the variability in field conditions as observed in the check plot yields.

*Please note this is not a replicated plot and this data should not be used as your only selection criteria. Replicated performance test data for grain sorghum hybrids is available in the 2011 K-State Grain Sorghum Performance Test website at <http://agronomy.ksu.edu/extension/p.aspx?tabid=91>.



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