

# CROP MANAGEMENT SUMMARY

## Characteristics of the grain sorghum test locations

Location	Soil type	Soil test				Precipitation					
		pH	OM	P	K	May	June	July	Aug.	Sept.	Season
Charleston	Dundee silt loam	5.8	2.6	10	241	6.7	2.0	8.3	8.7	1.8	27.5
Columbia	Mexico silt loam	5.4	2.3	28	176	4.1	1.6	11.5	4.8	5.9	27.9
Liberal	Yield data not used										
Montrose	Barco loam	7.1	3.6	31	348	5.1	2.2	7.1	4.4	4.0	22.8
Mooreville	Grundy silt loam	6.8	3.5	63	287	3.8	4.6	7.2	7.8	4.4	27.8

## Crop management practices at the grain sorghum test locations

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P2O5	K2O		Pre	Post
Charleston	June 1	Oct. 28	120	0	0	Conv.	Dual II Magnum, Roundup	Callisto
Columbia	June 6	Nov. 7	100	0	0	Conv.	Dual II Magnum, Atrazine, Callisto, Liberty	None
Liberal	Yield data not used							
Montrose	June 8	Nov. 1	110	70	120	Min.	Lexar, Roundup	None
Mooreville	May 25	Nov. 4	140	25	0	Conv.	Lexar, Roundup	None

### Notes:

An insecticide was applied at the Liberal location for sugarcane aphid. Unfortunately, damage to some plots had already occurred. Large amount of variation for yield resulted in rejection of yield data.