

Southwest Region Crop Management Summary for 2011

The Non-Irrigated Corn Test was conducted at three locations (Harrisonville, Urich, Lamar) in the Southwest Region. The Irrigated Corn Test was also conducted at three locations (Harrisonville, Adrian, Lamar). All six locations were planted in a timely manner. However, cool wet soils at Adrian and Urich resulted in those two locations being replanted.

Characteristics of the Non-Irrigated Corn Test Locations – Southwest Region

Location	Soil type	Soil Test				Precipitation					GDD ^b
		pH	OM	P	K	May	June	July	August	Season ^a	
Harrisonville	Haig silt loam	5.2	2.4%	68	348	4.7"	4.7"	1.7"	5.9"	17.0"	3006
Urich	Hartwell silt loam	6.6	2.4%	24	244	5.3"	3.1"	0.6"	3.6"	12.6"	2987
Lamar	Parsons silt loam	6.8	2.3%	82	284	5.3"	2.8"	2.8"	3.1"	14.0"	3126

Characteristics of the Irrigated Corn Test Locations – Southwest Region

Location	Soil type	Soil Test				Precipitation					Irrigate
		pH	OM	P	K	May	June	July	August	Season ^a	
Harrisonville	Haig silt loam	6.1	2.6%	82	364	4.7"	4.7"	1.7"	5.9"	17.0"	6.5"
Adrian	Kenoma silt loam	6.0	2.3%	102	300	5.8"	2.6"	2.6"	3.0"	14.0"	7.2"
Lamar	Parsons silt loam	7.1	2.0%	74	242	5.3"	2.8"	2.8"	3.1"	14.0"	7.0"

^a Region average season total precipitation (May through August) = 14.2 inches, 4.3 inches below normal.

^b Region average accumulated growing degree days (May through August) = 3084, 149 above normal

Crop Management Practices at the Non-Irrigated Corn Test Locations – Southwest Region

Location	Dates		Fertilizer			Tillage	Herbicides		Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre-	Post	
Harrisonville	April 11	Sept 8	310	115	150	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Accent	Force 3G
Urich	June 2	Oct 4	195	50	60	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Lamar	May 11	Oct 6	290	300	200	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

Crop Management Practices at the Irrigated Corn Test Locations – Southwest Region

Location	Dates		Fertilizer			Tillage	Herbicides		Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre-	Post	
Harrisonville	April 12	Sept 8	310	115	150	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Accent	Force 3G
Adrian	June 2	Oct 5	275	100	120	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Lamar	May 11	Oct 6	290	300	300	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G