Summary of climatic data by months for the 2012-2013 cropping year (September-August) compared to averages for the period of record from 1911 to 2013 at the Southern Agricultural Research Center near Huntley, Montana.

	2012				2013								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Year
Precipitation (inches)													Total
Current Year (2012-2013)	0.00	1.12	0.50	0.08	0.52	0.11	0.13	1.07	5.16	1.97	0.39	1.19	12.24
Average (1911-2013)	1.30	1.08	0.64	0.59	0.55	0.46	0.79	1.35	2.20	2.33	1.17	0.94	13.38
Difference	-1.30	+0.04	-0.14	-0.51	-0.03	-0.35	-0.66	-0.28	+2.96	-0.36	-0.78	+0.25	-1.14
Mean Temperature (ºF)													Average
Current Year (2012-2013)	61.4	44.2	36.9	25.3	25.4	31.6	44.5	41.1	56.3	61.9	71.6	72.6	47.7
Average (1911-2013)	58.1	46.9	33.6	23.8	20.8	25.7	34.1	45.4	54.9	63.3	70.7	68.6	45.5
Difference	+3.3	-2.7	+3.3	+1.5	+4.6	+5.9	+10.4	-4.3	+1.4	-1.4	+0.9	+4.0	+2.2

Last Killing Frost in Spring[1/]
2013 ..... 31 ºF on June 7
Average (1911-2013) ..... May 17

First Killing Frost in the Fall[1/]
2013 ..... 31 ºF on September 20
Average (1911-2013) ..... September 19

Frost-free Period
2013 ..... 105 days
Average (1911-2013) ..... 125 days

Growing Degree Days (Base 50)[2/]
2013 ..... 2,059 GDD (ºF)
Average (1911-2013) ..... 1,753 GDD (ºF)

Growing Degree Days (Base Corn)[2/]
2012 ..... 1,958 GDD (ºF)
Average (1911-2013) ..... 1,791 GDD (ºF)

Maximum Summer Temperature
97 ºF on Aug 20, Sept 6, 2013

Minimum Winter Temperature
-12 ºF on December 26, 2012

1/ 32 ºF is considered a killing frost. Average last and first killing frost dates are calculated on a 50% probability of a minimum temperature occurring below a threshold temperature of 32.5 ºF based on observations from 1911 to 2013.

2/ Growing degree days calculated from temperatures observed during the frost free period from June 8 through September 20, 2013, and for the same 105 day interval from the period of record of 1911 to 2013.