Table . Summary of climatic data by months for the 2004-2005 cropping year (September-August) compared to averages for the period of record from 1911 to 2004 at the Southern Agricultural Research Center near Huntley, Montana.

	2004				2005								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Year
Precipitation (inches)													Total
Current Year (2004-2005)	1.56	1.77	0.04	0.22	0.32	0.10	0.89	4.03	3.25	2.44	1.40	0.54	16.56
Average (1911-2004)	1.29	1.02	0.62	0.59	0.55	0.46	0.78	1.32	2.08	2.38	1.14	0.93	13.15
Difference	+0.27	+0.75	-0.58	-0.37	-0.23	-0.36	+0.11	+2.71	+1.17	+0.06	+0.26	-0.39	+3.41
Mean Temperature (ºF)													Average
Current Year (2004-2005)	57.6	46.7	37.3	31.3	17.9	33.0	38.8	45.4	52.1	62.5	71.3	67.1	46.8
Average (1911-2004)	57.8	46.8	33.4	24.0	20.4	25.7	33.8	45.4	54.9	63.3	70.6	68.7	45.5
Difference	-0.2	-0.1	+3.9	+7.3	-2.5	+7.3	+5.0	0.0	-2.8	-0.8	+0.7	-1.6	+1.3

Last Killing Frost in Spring[1/]
2005 ..... May 13 (29 ºF)
Average (1911-2004) ..... May 16

First Killing Frost in the Fall[1/]
2005 ..... September 22 (31 ºF)
Average (1911-2004) ..... September 19

Frost-free period
2005 ..... 131 days
Average (1911-2004) ..... 125 days

Growing Degree Days (Base 50)[2/]
2005 ..... 1,914 GDD (ºF)
Average (1911-2004) ..... 1,952 GDD (ºF)

Growing Degree Days (Base Corn)[2/]
2005 ..... 2,019 GDD (ºF)
Average (1911-2004) ..... 2,083 GDD (ºF)

Maximum Summer Temperature
106 ºF on July 14, 2005

Minimum Winter Temperature
-35 ºF on January 15, 2005

1/ In this summary, 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 2004.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 13 through September 22 for 2005, and for the same 130 day interval from the period of record of 1911 to 2004.