Table . Summary of climatic data by months for the 2006-2007 cropping year (September-August) compared to averages for the period of record from 1911 to 2005 at the Southern Agricultural Research Center near Huntley, Montana.

	2006				2007								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Year
Precipitation (inches)													Total
Current Year (2006-2007)	2.53	1.98	0.53	0.47	0.08	0.65	0.87	2.51	4.28	2.10	0.27	0.31	16.58
Average (1911-2005)	1.29	1.04	0.63	0.59	0.55	0.46	0.78	1.35	2.09	2.38	1.15	0.92	13.23
Difference	+1.24	+0.94	-0.10	-0.12	-0.47	+0.19	+0.09	+1.16	+2.19	-0.28	-0.88	-0.61	+3.35
Mean Temperature (ºF)													Average
Current Year (2006-2007)	57.3	43.9	33.2	29.4	25.4	25.0	43.6	43.6	56.6	64.1	76.3	69.7	47.3
Average (1911-2005)	57.8	46.9	33.5	23.9	20.4	25.4	33.8	45.5	54.9	63.3	70.5	68.6	45.4
Difference	-0.5	-3.0	-0.3	+5.5	+5.0	-0.4	+9.8	-1.9	+1.7	+0.8	+5.8	+1.1	+1.9

Last Killing Frost in Spring[1/]	2007 .... May 24 (30 ºF) Average (1911-2005) .... May 16
First Killing Frost in the Fall[1/]	2007 .... September 14 (28 ºF) Average (1911-2005) .... September 19
Frost-free period	2007 .... 113 days Average (1911-2005) .... 124 days
Growing Degree Days (Base 50)[2/]	2007 .... 2,089 GDD (ºF) Average (1911-2005) .... 1,830 GDD (ºF)
Growing Degree Days (Base Corn)[2/]	2007 .... 1,947 GDD (ºF) Average (1911-2005) .... 1,877 GDD (ºF)
Maximum Summer Temperature	106 ºF on July 24, 2007
Minimum Winter Temperature	-21 ºF on November 29, 2006 and February 15, 2007

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 2005.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 24 through September 14 for 2007, and for the same 113 day interval from the period of record of 1911 to 2005.