Table . Summary of climatic data by months for the 2011-2012 cropping year (September-August) compared to averages for the period of record from 1911 to 2012 at the Southern Agricultural Research Center near Huntley, Montana.

	2011				2012								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Year
Precipitation (inches)													Total
Current Year (2011-2012)	0.33	1.79	0.50	0.31	0.57	0.16	1.04	0.91	1.97	0.24	0.36	0.22	8.40
Average (1911-2012)	1.29	1.06	0.62	0.58	0.54	0.45	0.78	1.33	2.18	2.31	1.15	0.93	13.23
Difference	-0.96	+0.73	-0.12	-0.27	+0.03	-0.29	+0.26	-0.42	-0.21	-2.07	-0.79	-0.71	-4.83
Mean Temperature (ºF)													Average
Current Year (2011-2012)	62.9	51.3	34.1	31.9	27.4	29.7	44.5	49.7	54.6	66.8	76.6	70.8	50.1
Average (1911-2012)	58.0	46.9	33.5	23.8	20.7	25.6	34.1	45.5	54.9	63.3	70.7	68.6	45.6
Difference	+4.9	+4.4	+0.6	+8.1	+6.7	+4.1	+10.4	+4.2	-0.03	+3.5	+5.9	+2.2	+4.5

Last Killing Frost in Spring[1/]	2012..... 32 ºF on May 26 Average (1911-2012)..... May 17
First Killing Frost in the Fall[1/]	2012.....30 ºF on September 13 Average (1911-2012)..... September 19
Frost-free period	2012..... 110 days Average (1911-2012)..... 125 days
Growing Degree Days (Base 50)[2/]	2012..... 2,175 GDD (ºF) Average (1911-2012)..... 1,815 GDD (ºF)
Growing Degree Days (Base Corn)[2/]	2012..... 2,002 GDD (ºF) Average (1911-2012)..... 1,848 GDD (ºF)
Maximum Summer Temperature	102 ºF on July 4, July 14, July 20, July 31, 2012
Minimum Winter Temperature	-12 ºF on January 17, 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 2012.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 26 through September 13 for 2012, and for the same 110 day interval from the period of record of 1911 to 2012.