Table __. Summary of climatic data by months for the 2001-2002 cropping year (September-August) compared to averages for the period of record from 1911 to 2000 at the Southern Agricultural Research Center near Huntley, Montana.

	2001				2002								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Year
Precipitation (inches)													Total
Current Year (2000-2001)	0.74	0.84	0.54	0.25	0.62	0.15	0.35	1.70	1.52	1.24	0.56	0.47	8.98
Average (1911-2000)	1.31	1.01	0.63	0.61	0.56	0.45	0.79	1.33	2.11	2.37	1.15	0.96	13.27
Difference	-0.57	-0.17	-0.09	-0.36	+0.06	-0.30	-0.44	+0.37	-0.59	-1.13	-0.59	-0.49	-4.29
Mean Temperature (ºF)													Average
Current Year (2000-2001)	62.3	46.5	39.1	25.0	28.0	32.3	25.1	41.8	52.5	64.7	74.6	65.3	46.5
Average (1911-2000)	57.7	46.9	33.3	23.7	20.3	25.5	33.8	45.4	55.0	63.3	70.4	68.6	45.4
Difference	+4.6	-0.4	+5.8	+1.3	+7.7	+6.8	-8.7	-3.6	-2.5	+1.4	+4.2	-3.3	+1.1

Last Killing Frost in Spring[1/]
2002 ..... May 23 (31 ºF)
Average (1911-2000) ..... May 16

First Killing Frost in the Fall[1/]
2002 ..... September 22 (27 ºF)
Average (1911-2000) ..... September 19

Frost-free period
2002 ..... 121 days
Average (1911-2000) ..... 125 days

Growing Degree Days (Base 50)[2/]
2002 ..... 2,048 GDD (ºF)
Average (1911-2000) ..... 2,056 GDD (ºF)

Growing Degree Days (Corn)[2/]
2002 ..... 2,033 GDD (ºF)
Average (1911-2000) ..... 2,021 GDD (ºF)

Maximum Summer Temperature
109 ºF on July 13 and July 15, 2002

Minimum Winter Temperature
-15 ºF on March 2, 2002

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 2000.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 23 through September 22 for 2002, and from May 16 through September 19 for temperatures averaged from the period of record of 1911 to 2000.