

Table\_\_\_\_\_ Summary of climatic data by months for the 2003-2004 crop year (October thru September) and averages for the period 1949-2004 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												<b>Total or Average</b>
	<b>Oct 2003</b>	<b>Nov 2003</b>	<b>Dec 2003</b>	<b>Jan 2004</b>	<b>Feb 2004</b>	<b>Mar 2004</b>	<b>Apr 2004</b>	<b>May 2004</b>	<b>June 2004</b>	<b>July 2004</b>	<b>Aug 2004</b>	<b>Sept 2004</b>	
<b>Precipitation (inches)</b>													
Current Year-Irrigated	1.08	0.39	0.78	1.20	0.20	0.21	0.29	2.10	1.77	1.21	1.08	1.17	<b>11.48</b>
Avg 1949 to 2004	0.87	0.50	0.43	0.42	0.36	0.53	1.10	1.96	2.84	2.11	1.43	1.28	<b>13.83</b>
Current Year-Dryland	0.44	0.39	0.78	1.20	0.20	0.21	0.29	1.92	2.56	2.19	3.05	1.19	<b>14.42</b>
<b>Mean Temperature (F°)</b>													
Current Year	52.1	21.7	24.5	9.4	17.9	37.8	48.1	54.0	61.3	70.9	66.1	61.2	<b>43.75</b>
Avg 1949 to 2004	45.9	29.7	18.1	12.0	19.7	29.9	44.4	56.0	64.4	69.7	68.5	57.5	<b>42.98</b>
<b>Last killing frost in spring *</b>													
2004 .....	May 16, 2004 (31°F)												
Avg 1949 to 2004 .....	May 16												
<b>First killing frost in fall *</b>													
2004 .....	October 1, 2004 (23°F)												
Avg 1949 to 2004 .....	September 20												
<b>Frost-free period</b>													
2004 .....	138												
Avg 1949 to 2004 .....	127												
<b>Growing degree days (base 50) **</b>													
May 1 - First killing frost .....	2249.0												
Avg 1949 to 2004 .....	2269.0												
<b>Maximum summer temperature .....</b> July 18, 2004 (98°F)    September 1, 2004 (99°F)													
<b>Minimum winter temperature .....</b> January 29 and February 3, 2004 (-27°F)													

\* 32° is considered a killing frost.

\*\* In calculating growing degree days, 29° is considered a killing frost.