

Table \_\_\_\_\_ Summary of climatic data by months for the 1997-1998 crop year (October thru September) and averages for the period 1949-98 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												<b>Total or Average</b>
	<b>Oct 1997</b>	<b>Nov 1997</b>	<b>Dec 1997</b>	<b>Jan 1998</b>	<b>Feb 1998</b>	<b>Mar 1998</b>	<b>Apr 1998</b>	<b>May 1998</b>	<b>June 1998</b>	<b>July 1998</b>	<b>Aug 1998</b>	<b>Sept 1998</b>	
<b>Precipitation (inches)</b>													
Current Year-Irrigated	0.76	0.27	0.00	0.30	1.66	0.33	0.07	1.55	2.80	1.52	2.47	0.96	<b>12.69</b>
Avg 1949 to 1996-98	0.84	0.49	0.42	0.40	0.39	0.52	1.14	1.97	2.81	2.04	1.51	1.32	<b>13.85</b>
Current Year-Dryland	0.62	0.18	0.00	0.06	0.23	0.51	0.21	1.08	2.63	0.64	2.45	0.50	<b>9.11</b>
<b>Mean Temperature (F°)</b>													
Current Year	48.3	31.1	29.2	15.2	33.6	25.7	50.3	59.9	61.7	73.8	73.3	65.0	<b>47.3</b>
Avg 1949 to 1996-98	45.8	29.5	17.7	11.4	19.4	29.6	44.1	55.9	64.5	69.6	67.7	57.2	<b>42.7</b>
<b>Last killing frost in spring *</b>													
1998. . . . .	June 4, 1998 (31°)												
Avg 1949 to 1998. . . . .	May 16												
<b>First killing frost in fall *</b>													
1998. . . . .	September 21, 1998 (32°)												
Avg 1949 to 1998. . . . .	September 19												
<b>Frost-free period</b>													
1998. . . . .	109												
Avg 1949 to 1998. . . . .	126												
<b>Growing degree days (base 50) **</b>													
May 1 - First killing frost. . . . .	2705.0												
Avg 1949 to 1998. . . . .	2216.3												
<b>Maximum summer temperature. . . . .</b>	100° on July 27, 1998												
<b>Minimum winter temperature. . . . .</b>	25° below zero on January 13, 1998												

\* 32° is considered a killing frost.

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