

Table_____ Summary of climatic data by months for the 1999-2000 crop year (October thru September) and averages for the period 1949-2000 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 1999	Nov 1999	Dec 1999	Jan 2000	Feb 2000	Mar 2000	Apr 2000	May 2000	June 2000	July 2000	Aug 2000	Sept 2000	
Precipitation (inches)													
Current Year-Irrigated	0.17	0.07	0.40	0.25	0.43	0.21	0.84	1.53	2.02	3.26	0.87	1.13	11.18
Avg 1949 to 2000	0.88	0.48	0.42	0.41	0.36	0.50	1.12	1.97	2.82	2.08	1.47	1.31	13.82
Current Year-Dryland	0.17	0.07	0.40	0.25	0.43	0.21	0.61	3.34	1.48	4.43	0.63	1.91	13.93
Mean Temperature (F°)													
Current Year	48.0	41.4	30.0	19.2	25.3	39.7	46.4	59.5	62.7	73.5	71.8	60.5	48.2
Avg 1949 to 2000	45.8	29.8	17.9	11.5	19.7	29.9	44.2	56.0	64.4	69.6	68.4	57.2	42.9
Last killing frost in spring *													
2000	May 13, 2000 (28°)												
Avg 1949 to 2000	May 16												
First killing frost in fall *													
2000	September 24, 2000 (29°)												
Avg 1949 to 2000	September 19												
Frost-free period													
2000	134												
Avg 1949 to 2000	126												
Growing degree days (base 50) **													
May 1 - First killing frost	2417.5												
Avg 1949 to 2000	2177.4												
Maximum summer temperature	102° on July 30, 2000												
Minimum winter temperature	21° below zero on January 4, 2000												

- * 32° is considered a killing frost.
- ** In calculating growing degree days, 29° is considered a killing frost.