

Table_____ Summary of climatic data by months for the 2000-2001 crop year (October thru September) and averages for the period 1949-2001 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 2000	Nov 2000	Dec 2000	Jan 2001	Feb 2001	Mar 2001	Apr 2001	May 2001	June 2001	July 2001	Aug 2001	Sept 2001	
Precipitation (inches)													
Current Year-Irrigated	0.60	2.61	0.62	0.18	0.37	0.07	1.77	0.44	5.49	5.01	0.08	1.16	18.40
Avg 1949 to 2001	0.88	0.52	0.42	0.40	0.36	0.49	1.13	1.94	2.87	2.14	1.45	1.31	13.91
Current Year-Dryland	0.60	2.61	0.62	0.18	0.37	0.07	2.76	0.45	7.13	5.86	0.23	1.30	22.18
Mean Temperature (F°)													
Current Year	49.6	20.7	9.5	23.9	13.3	34.7	46.9	60.2	64.6	72.3	73.1	61.7	44.2
Avg 1949 to 2001	45.9	29.6	17.8	11.8	19.6	30.0	44.2	56.1	64.4	69.7	68.5	57.3	42.9
Last killing frost in spring *													
2001													May 4, 2001 (30°)
Avg 1949 to 2001													May 16
First killing frost in fall *													
2001													October 4, 2001 (30°)
Avg 1949 to 2001													September 19
Frost-free period													
2001													152
Avg 1949 to 2001													126
Growing degree days (base 50) **													
May 1 - First killing frost													2606.5
Avg 1949 to 2001													2215.1
Maximum summer temperature													101° on August 3, 2001
Minimum winter temperature													19° below zero on February 27, 2001

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