

Table _____ Summary of climatic data by months for the 2002-2003 crop year (October thru September) and averages for the period 1949-2003 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												Total or Ave
	Oct 2002	Nov 2002	Dec 2002	Jan 2003	Feb 2003	Mar 2003	Apr 2003	May 2003	Jun 2003	July 2003	Aug 2003	Sept 2003	
Precipitation (inches)													
Current Year-Irrigated	0.76	0.05	0.40	0.47	0.16	2.37	0.55	2.73	2.20	2.01	0.85	0.48	13.03
Avg 1949 to 2003	0.87	0.50	0.42	0.40	0.36	0.53	1.12	1.95	2.86	2.13	1.44	1.28	13.86
Current Year-Dryland	0.41	0.05	0.40	0.47	0.16	2.37	0.55	3.68	3.23	1.42	1.56	0.27	14.57
Mean Temperature (F°)													
Current Year	38.2	35.8	26.7	18.0	18.5	28.1	50.5	57.2	63.5	73.8	75.1	58.9	45.36
Avg 1949 to 2003	45.8	29.9	18.0	12.1	19.7	29.7	44.3	56.0	64.4	69.7	68.6	57.4	42.97
Last killing frost in spring *													
2003	May 20, 2003 (29° F)												
Avg 1949 to 2003	May 16												
First killing frost in fall *													
2003	September 19 (31°F)												
Avg 1949 to 2003	September 19												
Frost-free period													
2003	122												
Avg 1949 to 2003	126												
Growing degree days (base 50) **													
May 1 - First killing frost	2474.5												
Avg 1949 to 2003	2224.7												
Maximum summer temperature	100° on July 24, August 14, 15, 16, 2003												
Minimum winter temperature	23° below zero on February 24, 2003												

* 32° is considered a killing frost.

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