

Table _____ Summary of climatic data by months for the 1998-1999 crop year (October thru September) and averages for the period 1949-99 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 1998	Nov 1998	Dec 1998	Jan 1999	Feb 1999	Mar 1999	Apr 1999	May 1999	June 1999	July 1999	Aug 1999	Sept 1999	
Precipitation (inches)													
Current Year-Irrigated	3.91	1.33	0.57	0.93	0.28	0.06	0.50	2.62	4.29	3.05	0.72	1.38	19.64
Avg 1949 to 1999	0.90	0.49	0.42	0.41	0.39	0.51	1.13	1.99	2.84	2.06	1.49	1.32	13.95
Current Year-Dryland	3.91	1.33	0.57	0.93	0.28	0.06	0.41	2.50	3.72	2.31	0.60	1.04	17.66
Mean Temperature (F°)													
Current Year	47.9	33.6	23.2	12.9	29.7	38.8	46.0	56.8	63.9	69.8	71.1	56.0	45.8
Avg 1949 to 1999	45.8	29.6	18.0	11.4	19.6	29.8	44.2	55.9	64.5	69.6	67.8	57.2	42.8
Last killing frost in spring *													
1999	May 11, 1999 (32°)												
Avg 1949 to 1999	May 16												
First killing frost in fall *													
1999	September 15, 1999 (32°)												
Avg 1949 to 1999	September 19												
Frost-free period													
1999	127												
Avg 1949 to 1999	126												
Growing degree days (base 50) **													
May 1 - First killing frost.....	2241.0												
Avg 1949 to 1999	2224.3												
Maximum summer temperature	98° on July 28, 29, 30, 1999												
Minimum winter temperature	23° below zero on January 4, 1999												

* 32° is considered a killing frost.

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