

Table _____ Summary of climatic data by months for the 1993-1994 crop year (October thru September) and averages for the period 1949-94 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	Month and Year												Total or Average
	Oct. 1993	Nov. 1993	Dec. 1993	Jan. 1994	Feb. 1994	Mar. 1994	Apr. 1994	May 1994	June 1994	July 1994	Aug. 1994	Sept. 1994	
Precipitation (inches)													
Current Year-Irr.	0.68	0.81	0.42	0.43	0.38	0.06	1.02	1.73	6.48	0.79	0.10	0.34	13.24
Avg. 1949 to 1993-94	0.80	0.46	0.41	0.37	0.34	0.50	1.16	1.96	2.85	1.93	1.49	1.34	13.61
Current Year-Dryland	0.60	0.81	0.42	0.43	0.38	0.06	0.73	1.66	5.89	0.59	0.11	0.80	12.48
Mean Temperature (F ⁰)													
Current Year	45.0	27.7	25.5	7.8	8.6	38.2	47.4	59.9	65.9	70.0	69.8	62.8	44.1
Avg. 1949 to 1993-94	45.7	29.7	17.9	11.5	18.7	29.7	44.1	55.9	64.3	69.5	68.0	56.9	42.7
Last killing frost in spring*													
1994													May 4, 1994 (31 ⁰)
Avg. 1949 to 1994													May 16
First killing frost in fall*													
1994													September 22, 1994 (30 ⁰)
Avg. 1949 to 1994													September 19
Frost-free period													
1994													141 days
Avg. 1949 to 1994													126 days
Growing Degree Days (base 50) **													
May 1 - First Killing Frost.													2549.0
Avg. 1949 - 1994													2185.5
Maximum summer temperature													101 ⁰ on September 9, 1994
Minimum winter temperature													30 ⁰ below zero on February 9, 1994

* 32⁰ is considered a killing frost.

** In calculating growing degree days, 29⁰ is considered a killing frost.