

Table_____ Summary of climatic data by months for the 2012-2013 crop year (October thru September) and averages for the period 1949-2013 at the Eastern Agricultural Research Center, Sidney, Montana, irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 2012	Nov 2012	Dec 2012	Jan 2013	Feb 2013	Mar 2013	Apr 2013	May 2013	June 2013	July 2013	Aug 2013	Sept 2013	
Precipitation (inches)													
Current Year-Irrigated	1.91	0.38	0.45	0.46	0.09	1.39	1.11	5.88	4.16	0.97	4.10	0.49	21.39
Avg. 1949 to 2013	0.95	0.49	0.45	0.42	0.35	0.55	1.14	2.16	2.78	2.12	1.43	1.24	14.08
Current Year-Dryland	1.81	0.38	0.45	0.46	0.09	1.39	1.11	6.32	4.69	1.15	4.48	0.68	23.01
Mean Temperature (F°)													
Current Year	42.7	29.1	15.3	16.4	27.0	24.3	36.9	56.6	63.8	68.6	70.5	63.8	42.92
Avg 1949 to 2013	45.9	30.3	18.1	12.9	19.7	30.4	44.6	56.0	64.5	70.1	68.8	58.0	43.28
Last killing frost in spring *													
2013	May 11, 2013 (26.5°F)												
Avg 1949 to 2013	May 13												
First killing frost in fall *													
2013	October 4, 2013 (30.0°F)												
Avg 1949 to 2013	September 28												
Frost-free period													
2013	146												
Avg. 1949 to 2013	129												
Growing degree days (base 50) **													
May 1 - First killing frost	2381.5												
Avg. 1949 to 2013	2248.6												
Maximum summer temperature	July 11 th , 2013 (98.4°F)												
Minimum winter temperature	January 31 st , 2013 (-18.0°F)												

* 32° is considered a killing frost.

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