

Table_____ Summary of climatic data by months for the 2015-2016 crop year (October thru September) and averages for the period 1949-2016 at the Eastern Agricultural Research Center, Sidney, Montana, irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 2015	Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	June 2016	July 2016	Aug 2016	Sept 2016	
Precipitation (inches)													
Current Year-Irrigated	0.40	0.31	0.17	0.10	0.57	0.17	3.50	2.06	1.40	2.72	0.74	2.64	14.78
Avg. 1949 to 2015-6	0.93	0.49	0.44	0.41	0.35	0.54	1.17	2.17	2.76	2.10	1.47	1.27	14.10
Current Year-Dryland	0.73	0.31	0.17	0.10	0.57	0.17	3.50	1.57	1.60	2.26	0.79	3.96	15.73
Mean Temperature (F °)													
Current Year	49.5	32.5	24.1	20.3	32.6	38.6	46.3	57.1	67.5	71.0	68.3	58.6	47.20
Avg. 1949 to 2016	46.0	30.1	18.1	13.2	19.8	30.6	44.6	56.0	64.6	70.1	68.8	58.1	43.33
Last killing frost in spring *													
2016	May 15, 2016 (30.9°F)												
Avg. 1949 to 2016	May 15												
First killing frost in fall *													
2016	September 13, 2016 (29.3°F)												
Avg. 1949 to 2016	September 21												
Frost-free period													
2016	129												
Avg. 1949 to 2016	129												
Growing degree days (base 50) **													
May 1 - First killing frost.....	2205.7												
Avg. 1949 to 2016	2247.3												
Maximum summer temperature	July 19, 2016 (98.8°F)												
Minimum winter temperature	January 10, 2016 (-14.4°F)												

* 32° is considered a killing frost.

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

