

Frost Dates observed (recorded) at the Saginaw Valley Dry Bean and Sugar Beet Research Farm

<u>YEAR</u>	<u>DATE</u>	<u>TEMPERATURE</u>
1976	9-24	26
1977	10-7	29
1978	10-8	31
1979	9-23	31
1980	9-27	31
1981	10-3	31
1982	9-19	32 10-16 (32) next frost
1983	9-24	31
1984	10-1	28
1985	10-3	30
1986	10-18	27 flood year
1987	10-1	22
1988	10-6	27
1989	9-24	28 killed beans, wet late planting
1990	9-18	31
1991	9-22	29
1992	9-23	29
1993	9-30	29
1994	10-10	29
1995	9-22	25
1996	10-5	27
1997	10-15	30
1998	11-2	32
1999	10-3	32
2000	9-28	32
2001	10-7	28
2002	10-14	26
2003	10-1	29
2004	9-30	31
2005	10-17	29
2006	9-29	31
2007	10-14	29
2008	10-04	32

First date at or below 32 degrees.

Greg Varner-----April 6, 2009

29-32 degrees is not considered a killing freeze in the Michigan dry bean area.

Hours of below freezing temperature is very important in determining damage.

The trend since 1996 shows little to no frost problems until October.