

**Table 3C.2 Reliance of 2,4-D Use on Soybeans: Total Michigan Acres Planted**  
(see notes at end of table)

Year	Total Acres Planted	Percent Acres Treated	Rate of Application (lbs/acre)	Number of Applications	Rate per Crop Year (lbs/acre)	Pounds Applied
2016	2,070,000	3.0	0.463	1.00	0.463	28,752
2015 *	2,030,000	3.0	0.463	1.00	0.463	28,197
2014	2,050,000	4.0	0.514	1.00	0.514	42,148
2013	1,930,000	5.0	0.564	1.00	0.564	54,426
2012 *	2,000,000	6.0	0.615	1.00	0.615	73,800
2011	1,950,000	5.0	0.615	1.00	0.615	59,963
2010	2,050,000	4.0	0.615	1.00	0.615	50,430
2009	2,000,000	3.0	0.615	1.00	0.615	36,900
2008	1,900,000	2.0	0.615	1.00	0.615	23,370
2007	1,800,000	1.0	0.615	1.00	0.615	11,070
2006 *	2,000,000	0.0	0.000	0.00	0.000	0
1999 *	1,950,000	9.0	0.460	1.00	0.460	80,730

- Notes:**
1. 2,4-D is sold in more than one chemical form, and surveyed separately by the USDA's National Agricultural Statistics Service (NASS). Data on percent acres treated, number of acres treated, and pounds applied are the sum across all forms of the chemical. Rates of application and number of applications are averages across each form of the pesticide, weighted by shares of total acres treated.
  2. For years not surveyed by NASS, values are interpolated between the nearest two years with reported values. Values between the last surveyed year and 2016 are extrapolated assuming no change in rate of application, number of applications, or percent acres treated. An asterisk denotes which years were surveyed by NASS.
  3. Each year when NASS surveys a crop, the agency strives to include 85% to 90% of acres planted. NASS surveyed acres at the national level are lower than total acres planted. The above data is indicative of pesticides applied to total acres planted.
  4. In years where zero use was reported in a surveyed year, it is assumed that a straight-line, phase in/phase out period was implemented. Assuming that farmers are more likely to phase out a pesticide by applying it to less acres, rather than reducing the application rate, the percent acres treated are interpolated from the surveyed value to zero. Meanwhile, the rate of application, number of applications, and rate per crop year, remain the same as the previous/latter years.