

**Table 3C.2 Reliance of 2,4-D Use on Soybeans: Total Minnesota 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
1997 *	6,600,000	7.0	0.210	1.00	0.210	97,020
1994 *	5,700,000	4.0	0.390	1.00	0.390	88,920
1993 *	5,400,000	3.0	0.230	1.00	0.230	37,260

**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.
5. There is no reported use of 2,4-D in Minnesota after 1997.