

Table 3C.5 Reliance of Glyphosate Use on Soybeans: Total Minnesota Acres Planted (7,600,000) (see notes at end of table)

Year	Percent Acres Treated	Rate of Application (lbs/acre)	Number of Applications	Rate per Crop Year (lbs/acre)	Pounds Applied
2016	99.0	0.979	1.3	1.288	9,691,824
2015	99.0	0.979	1.3	1.288	9,691,824
2014	99.3	0.948	1.4	1.330	9,712,073
2013	99.7	0.917	1.5	1.372	9,159,339
2012	100.0	0.887	1.6	1.411	9,945,647
2011	99.7	0.788	1.5	1.243	8,795,828
2010	99.3	0.721	1.4	1.133	8,331,704
2009	99.0	0.688	1.3	1.082	7,712,100
2008	98.7	0.688	1.3	1.090	7,583,409
2007	98.3	0.722	1.4	1.158	7,227,723
2006	98.0	0.791	1.6	1.285	9,255,488
2005	90.5	0.543	1.2	0.848	5,297,613
2004	83.0	0.720	1.6	1.110	6,725,490
2003	81.0	0.708	1.4	0.981	5,961,938
2002	79.0	0.732	1.3	0.930	5,287,680
2001	67.0	0.650	1.3	0.870	4,255,170
2000	60.0	0.670	1.4	0.940	4,117,200
1999	48.0	0.620	1.3	0.810	2,721,600
1998	26.0	0.690	1.3	0.960	1,722,240
1997	6.0	0.640	1.3	0.860	340,560
1996	7.0	0.490	1.0	0.490	205,800
1995	7.0	0.380	1.0	0.380	156,940
1994	4.0	0.460	1.0	0.460	104,880
1993	7.0	0.470	1.2	0.540	204,120
1991	3.0	0.620	1.0	0.620	102,300
1990	13.0	0.980	1.0	0.980	598,780

Notes:

1. Glyphosate 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 survey and 2016 are extrapolated assuming no change in rate of application, number of applications, or percent acres treated.
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. For this table, NASS surveyed acres were 7,600,000.