

Table 3E.4. Measures of Reliance on Low-Dose Rate vs. High-Dose Rate Herbicides for Iowa Soybeans Over Time (see notes)

Year	Number Low-Dose Chemistry	Reliance on Low-Dose Chemistry	Number High-Dose Chemistry	Reliance on High-Dose Chemistry
2016	10	86.0%	5	85.0%
2015 *	10	86.0%	5	85.0%
2014	10	85.3%	5	86.7%
2013	10	84.7%	5	88.3%
2012 *	10	84.0%	4	102.0%
2011	10	71.2%	4	101.2%
2010	10	58.3%	4	100.3%
2009	10	45.5%	4	99.5%
2008	10	32.7%	5	103.0%
2007	10	19.8%	5	102.0%
2006 *	2	7.0%	2	101.0%
2005 *	6	12.5%	4	93.5%
2004 *	6	18.0%	3	90.0%
2003	7	24.0%	3	81.5%
2002 *	4	30.0%		
2001 *	3	26.0%	2	13.0%
2000 *	9	73.0%	1	5.0%
1999 *	7	57.0%	1	17.0%
1998 *	9	72.0%	2	37.0%
1997 *	9	106.0%	3	45.0%
1996 *	10	133.0%	3	36.0%
1995 *	7	145.0%	1	24.0%
1994 *	9	141.0%	1	2.0%
1993 *	7	109.0%	2	5.0%
1992 *	5	92.0%	2	9.0%
1991 *	5	76.0%	2	12.0%
1990 *	4	52.0%	3	22.0%

Notes:

1. For pesticide active ingredients 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.

* Denotes the years that were surveyed by USDA's National Agricultural Statistics Service (NASS).