

FERTILIZER, CHEMICAL USAGE, AND BIOTECHNOLOGY VARIETIES

FERTILIZER: Use on soybean acreage planted, Illinois, 2000-2009

Year	Fields in survey	Acres receiving			Rate per crop year		
		N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
			<u>Percent</u>			<u>Lbs./acre</u>	
2000	252	11	16	29	15	47	95
2001	202	10	12	22	40	75	105
2002	239	18	25	38	20	54	105
2003	1/						
2004	475	14	18	32	36	103	164
2005	1/						
2006	241	11	16	31	16	58	94
2007	1/						
2008	1/						
2009	1/						

1/ No data collected.

SOYBEANS: Fertilizer and chemical applications, Illinois, 2006 1/ 2/

Fertilizers and chemicals	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<u>Percent</u>	<u>Number</u>	<u>Lbs./acre</u>		<u>Thousand lbs.</u>
Fertilizers:					
Nitrogen	11	1.1	15	16	18,100
Phosphate	16	1.1	53	58	96,000
Potash	31	1.0	91	94	290,200
Herbicides:					
2,4-D, 2-EHE	13	1.0	0.445	0.449	575
2,4-D, dimeth. salt	2	1.0	0.355	0.355	70
Chlorimuron-ethyl	5	1.2	0.015	0.017	9
Clethodim	2	1.2	0.085	0.106	25
Cloransulam-methyl	2	1.0	0.024	0.024	4
Flumioxazin	4	1.0	0.070	0.070	27
Fomesafen	3	1.2	0.197	0.242	62
Glyphosate	6	1.6	0.688	1.111	728
Glyphosate iso. salt	90	1.6	0.787	1.232	11,192
Imazamox	2	1.0	0.033	0.033	6
Imazethapyr	3	1.0	0.052	0.052	16
Metribuzin	2	1.0	0.193	0.193	37
Pendimethalin	7	1.0	0.892	0.908	671
Sulfentrazone	2	1.1	0.078	0.089	21
Sulfosate	3/	1.5	1.157	1.772	85
Thifensulfuron	1	1.6	0.002	0.003	4/
Insecticides:					
Lambda-cyhalothrin	2	1.2	0.025	0.030	5
Fungicides:					
Pyraclostrobin	1	1.0	0.098	0.098	11

1/ Data will next be collected for 2011. 2/ Planted acres in 2006 for Illinois was 10.1 million acres. 3/ Area applied is less than 0.5 percent. 4/ Total applied is less than 500 lbs.

BIOTECHNOLOGY VARIETIES: Percent of planted acres by crop, Illinois, 2002-2010

Year	Corn				Soybeans
	Insect resistant (Bt)	Herbicide resistant	Stacked gene	All biotech	Herbicide resistant
2002	18	3	1	22	71
2003	23	4	1	28	77
2004	26	5	2	33	81
2005	25	6	5	36	81
2006	24	12	19	55	87
2007	19	15	40	74	88
2008	13	15	52	80	87
2009	10	15	59	84	90
2010	15	15	52	82	89