

FERTILIZER, CHEMICAL USAGE, AND BIOTECHNOLOGY VARIETIES

FERTILIZER: Use on soybean acreage planted, Illinois, 1995-2004 1/

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>		
1995	210	17	26	31	24	74	110
1996	246	15	23	34	22	56	99
1997	217	11	23	34	11	71	103
1998	238	7	12	24	24	60	124
1999	257	7	14	28	20	45	103
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

SOYBEANS: Agricultural fertilizer and chemical applications, Illinois, 2004 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>Lbs./acre</u>	<u>Thousand lbs.</u>
Fertilizers:					
Nitrogen	14	1.6	22	36	49,500
Phosphate	18	1.6	66	103	185,100
Potash	32	1.6	103	164	525,200
Herbicides:					
2,4-D	5	1.0	0.42	0.42	224
Acetic acid (2, 4-D)	4	1.0	0.43	0.43	167
Chlorimuron-ethyl	10	1.0	0.02	0.02	17
Clethodim	3	1.0	0.09	0.09	24
Cloransulam-methyl	2	1.0	0.03	0.03	8
Fenoxaprop	2	1.0	0.11	0.11	24
Fluazifop-P-butyl	2	1.0	0.03	0.03	7
Flumioxazin	3	1.0	0.06	0.06	20
Fomesafen	3	1.0	0.24	0.24	79
Glyphosate	83	1.3	0.74	0.99	8,232
Glyphosate diam salt	5	1.2	0.64	0.80	430
Imazamox	3	1.0	0.03	0.03	9
Imazethapyr	3	1.0	0.06	0.06	15
Lactofen	2	1.0	0.10	0.10	16
Metribuzin	3	1.0	0.30	0.30	76
Pendimethalin	3	1.0	1.00	1.00	328
S-Metolachlor	1	1.0	1.26	1.26	143
Sulfentrazone	9	1.1	0.09	0.10	92
Sulfosate	2	1.2	1.22	1.50	351
Thifensulfuron	1	1.0	0.001	0.001	3/
Trifluralin	3	1.0	0.99	0.99	283

1/ Data collected in even years. 2/ Planted acres in 2004 for Illinois were 9.95 million acres. 3/ Total applied is less than 500 lbs.

BIOTECHNOLOGY VARIETIES: Percent of planted acres by crop, Illinois, 2001-2005

Year	Corn				Soybeans
	Insect resistant (Bt)	Herbicide resistant	Stacked gene	All biotech	Herbicide resistant
2001	12	3	1	16	64
2002	18	3	1	22	71
2003	23	4	1	28	77
2004	26	5	2	33	81
2005	25	6	5	36	81