

FERTILIZER AND CHEMICAL USAGE

FERTILIZER: Use on soybean acreage planted, Illinois, 1993-2002

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>							
1993	535	12	20	26	24	57	90
1994	528	10	20	31	33	62	97
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

SOYBEANS: Agricultural fertilizer and chemical applications, Illinois, 2002 1/

Fertilizers and chemicals	Area applied <u>Percent</u>	Applications <u>Number</u>	Rate per application <u>Lbs./acre</u>	Rate per crop year <u>Lbs./acre</u>	Total applied	
					Total applied <u>Thousands lbs.</u>	
Fertilizers:						
Nitrogen	18	1.0	20	20	37,500	
Phosphate	25	1.0	54	54	143,100	
Potash	38	1.0	105	105	422,600	
Herbicides						
2,4-D	13	1.0	0.38	0.38	518	
Acetic acid	3	1.0	0.44	0.44	162	
Acifluorfen	2	1.0	0.16	0.16	35	
Chlorimuron-ethyl	7	1.0	0.02	0.02	14	
Clethodim	5	1.0	0.06	0.06	32	
Cloransulam-methyl	5	1.2	0.02	0.02	11	
Fenoxyprop	3	1.0	0.12	0.12	35	
Fluazifop-P-butyl	3	1.0	0.05	0.05	18	
Fomesafen	3	1.0	0.28	0.28	80	
Glyphosate	81	1.4	0.73	1.02	8,803	
Glyphosate diam salt	5	1.6	0.78	1.24	618	
Imazamox	6	1.0	0.03	0.03	19	
Imazethapyr	10	1.0	0.05	0.05	59	
Lactofen	1	1.4	0.11	0.15	21	
Pendimethalin	8	1.0	1.14	1.15	963	
Sulfentrazone	7	1.0	0.12	0.12	92	
Thifensulfuron-methyl	1	1.0	0.005	0.005	1	
Trifluralin	1	1.0	1.06	1.06	148	

1/ Planted acres in 2002 for Illinois were 10.6 million acres.