

# FERTILIZER AND CHEMICAL USAGE

## Fertilizer use on soybean acreage planted, Illinois, 1990-99

Year	Fields in survey	Acres receiving			Rate per crop year		
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
		<u>Percent</u>			<u>Lbs./acre</u>		
1990	176	16	27	34	25	58	96
1991	442	13	22	27	21	60	91
1992	552	10	19	26	20	53	86
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	6	29	30	11	71	103
1998	238	7	12	24	24	60	124
1999	257	7	14	28	20	45	103

## SOYBEANS: Agricultural fertilizer and chemical applications, Illinois, 1999 1/

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	7	1.1	18	20	16,200
Phosphate	14	1.0	45	45	64,100
Potash	28	1.0	102	103	304,000
Herbicides:					
2,4-D	10	1.0	0.46	0.46	471
Acifluorfen	3	1.0	0.18	0.18	56
Bentazon	2	1.0	0.93	0.93	195
Chlorimuron-ethyl	19	1.1	0.01	0.02	35
Clethodim	5	1.0	0.13	0.13	71
Clomazone	4	1.0	0.65	0.65	248
Cloransulam-methyl	6	1.0	0.02	0.02	10
Fenoxaprop	3	1.0	0.17	0.17	56
Fluazifop-P-butyl	3	1.0	0.06	0.06	19
Fomesafen	4	1.0	0.31	0.31	135
Glyphosate	58	1.3	0.67	0.88	5,398
Imazamox	6	1.0	0.03	0.03	20
Imazaquin	3	1.0	0.09	0.09	28
Imazethapyr	16	1.4	0.03	0.04	65
Metribuzin	4	1.0	0.14	0.14	54
Pendimethalin	17	1.1	0.96	1.07	1,940
Sethoxydim	7	1.0	0.20	0.20	160
Sulfentrazone	9	1.0	0.10	0.10	101
Thifensulfuron	10	1.0	0.002	0.002	2
Trifluralin	6	1.1	0.96	1.07	727

1/ Planted acres in 1999 for Illinois were 10.6 million acres.