

FERTILIZER AND CHEMICAL USAGE

FERTILIZER: Use on corn acreage planted, Illinois, 1994-2003 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>		
1994	732	98	86	87	153	75	103
1995	267	99	83	84	154	75	106
1996	271	100	79	83	166	85	116
1997	225	99	87	87	153	77	107
1998	238	99	74	70	155	72	106
1999	261	98	80	81	155	70	115
2000	236	99	83	82	161	80	111
2001	213	99	81	85	155	81	116
2002	249	94	77	77	161	87	119
2003	227	98	83	78	161	80	110

CORN: Agricultural fertilizer and chemical applications, Illinois, 2003 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	98	1.8	88	161	1,758,500
Phosphate	83	1.0	78	80	751,400
Potash	78	1.0	108	110	963,900
Herbicides:					
2,4-D	7	1.0	0.41	0.41	303
Acetamide	2	1.0	0.54	0.54	121
Acetochlor	30	1.0	1.94	1.99	6,618
Atrazine	77	1.1	1.25	1.47	12,767
Bromoxynil	2	1.0	0.27	0.27	56
Clopyralid	5	1.0	0.10	0.10	53
Dicamba	11	1.0	0.16	0.17	211
Dicamba, Dimet. salt	3	1.0	0.11	0.11	32
Dicamba, Pot. salt	10	1.0	0.39	0.39	442
Diflufenzopyr-sodium	3	1.0	0.04	0.04	15
Dimethenamid	3	1.0	1.03	1.03	291
Dimethenamid - P	8	1.0	0.66	0.66	625
Flumetsulam	5	1.0	0.03	0.03	18
Glyphosate	11	1.0	0.60	0.60	730
Imazapyr	6	1.0	0.002	0.002	2
Imazethapyr	6	1.0	0.007	0.007	5
Isoxaflutole	6	1.0	0.06	0.06	44
Mesotrione	12	1.0	0.08	0.08	109
Metolachlor	7	1.0	1.75	1.75	1,329
Nicosulfuron	9	1.0	0.02	0.02	18
Paraquat	3	1.0	0.50	0.50	166
Primisulfuron	8	1.0	0.02	0.02	23
Prosulfuron	4	1.0	0.008	0.008	4
Rimsulfuron	7	1.1	0.01	0.01	9
S-Metolachlor	26	1.0	1.31	1.36	3,957
Simazine	5	1.0	0.98	0.98	544
Insecticides:					
Bifenthrin	2	1.0	0.05	0.05	12
Chlorpyrifos	7	1.0	0.91	0.91	747
Cyfluthrin	21	1.0	0.006	0.006	15
Lambda-cyhalothrin	5	1.0	0.02	0.02	13
Tebupirimphos	21	1.0	0.12	0.12	276
Tefluthrin	16	1.0	0.12	0.12	205

1/ Corn data collected in odd years. 2/ Planted acres in 2003 for Illinois were 11.2 million acres.