

# FERTILIZER AND CHEMICAL USAGE

## Fertilizer use on corn 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
		Percent			Pounds		
1990	237	100	91	89	164	81	107
1991	633	99	87	85	159	79	104
1992	723	99	85	84	155	77	105
1993	738	98	81	81	150	76	106
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

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

Fertilizers and chemicals	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	Number	Lbs./acre		Thousand lbs.
Fertilizers:					
Nitrogen	98	1.8	86	155	1,639,800
Phosphate	80	1.0	67	70	603,200
Potash	81	1.0	105	115	1,003,000
Herbicides:					
2,4-D	7	1.0	0.54	0.54	411
Acetochlor	24	1.0	2.04	2.04	5,317
Atrazine	84	1.1	1.08	1.25	11,384
Bentazon	4	1.9	0.33	0.64	279
Bromoxynil	4	1.0	0.29	0.29	138
Clopyralid	5	1.0	0.07	0.07	38
Cyanazine	1	1.0	1.57	1.57	224
Dicamba	8	1.0	0.15	0.15	129
Dicamba, Dimet. salt	2	1.0	2.17	2.17	558
Dicamba, Pot. salt	13	1.0	0.41	0.41	582
Diflufenzopyr-sodium	2	1.0	0.87	0.87	223
Dimethenamid	11	1.0	0.94	0.95	1,150
Flumetsulam	7	1.0	0.04	0.04	32
Glyphosate	7	1.0	0.57	0.58	425
Imazethapyr	3	1.0	0.02	0.02	6
Isoxaflutole	5	1.0	0.08	0.08	49
Metolachlor	33	1.0	1.59	1.60	5,733
Nicosulfuron	14	1.0	0.01	0.01	19
Paraquat	1	1.0	0.72	0.72	112
Pendimethalin	1	1.0	0.94	0.94	150
Primisulfuron	4	1.0	0.02	0.02	8
Prosulfuron	1	1.0	0.007	0.007	1
Pyridate	8	1.0	0.73	0.73	628
Rimsulfuron	13	1.0	0.01	0.01	15
Simazine	4	1.2	0.96	1.17	541
Insecticides:					
Chlorethoxyfos	4	1.0	0.08	0.08	32
Chlorpyrifos	9	1.0	1.08	1.08	1,102
Cyfluthrin	3	1.0	0.005	0.005	2
Lambda-cyhalothrin	3	1.0	0.02	0.02	7
Permethrin	1	1.0	0.09	0.09	13
Tebupirimphos	3	1.0	0.10	0.10	38
Tefluthrin	12	1.0	0.13	0.13	171
Terbufos	4	1.0	1.14	1.14	454

1/ Planted acres in 1999 for Illinois were 10.8 million acres.