

# FERTILIZER AND CHEMICAL USAGE

## FERTILIZER: Use on corn acreage planted, Illinois, 2000-2009

Year	Fields in survey	Acres receiving				Rates per crop year			
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S
		<u>Percent</u>				<u>Lbs./acre</u>			
2000	236	99	83	82	2/	161	80	111	2/
2001	213	99	81	85	2/	155	81	116	2/
2002	249	94	77	77	2/	161	87	119	2/
2003	227	98	83	78	2/	161	80	110	2/
2004	1/								
2005	268	98	84	84	4	146	76	114	31
2006	1/								
2007	1/								
2008	1/								
2009	1/								

1/ No data collected. 2/ Data not available.

## CORN: Fertilizer and chemical applications, Illinois, 2005 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	83	146	1,728,300
Phosphate	84	1.0	73	76	780,400
Potash	84	1.0	111	114	1,160,500
Sulfur	4	1.0	31	31	14,900
Herbicides:					
2,4-D, 2-EHE	4	1.2	0.439	0.510	253
Acetochlor	30	1.0	1.845	1.845	6,635
Atrazine	87	1.1	1.153	1.304	13,729
Bromoxynil	3	1.0	0.236	0.236	72
Clopyralid	7	1.0	0.117	0.117	101
Dicamba	4	1.0	0.150	0.150	72
Dicamba, Digly. salt	3	1.0	0.202	0.202	71
Dicamba, Pot. salt	4	1.0	0.384	0.384	180
Dicamba, Sodium salt	9	1.0	0.105	0.105	116
Diflufenzopyr-sodium	7	1.0	0.039	0.039	33
Dimethenamid - P	7	1.0	0.689	0.712	614
Flufenacet	4	1.0	0.428	0.428	213
Flumetsulam	7	1.0	0.058	0.058	52
Foramsulfuron	3	1.0	0.031	0.031	10
Glufosinate-ammonium	3	1.1	0.305	0.345	139
Glyphosate iso. salt	11	1.2	0.734	0.875	1,176
Imazapyr	1	1.0	0.013	0.013	2
Imazethapyr	1	1.0	0.038	0.038	6
Isoxaflutole	9	1.0	0.060	0.060	67
Mesotrione	24	1.1	0.108	0.114	329
Metolachlor	2	1.0	1.566	1.566	340
Nicosulfuron	12	1.0	0.020	0.020	29
Primisulfuron	4	1.0	0.024	0.024	13
Prosulfuron	2	1.0	0.009	0.009	2
Rimsulfuron	10	1.1	0.028	0.031	36
S-Metolachlor	30	1.0	1.327	1.381	5,005
Simazine	6	1.0	1.051	1.051	736
Insecticides:					
Chlorpyrifos	3	1.0	1.260	1.260	496
Cyfluthrin	20	1.0	0.006	0.006	14
Lambda-cyhalothrin	3	1.0	0.020	0.020	7
Permethrin	4	1.0	0.114	0.114	56
Tebupirimphos	20	1.0	0.115	0.115	280
Tefluthrin	23	1.0	0.125	1.125	349

1/ Data will next be collected for 2010. 2/ Planted acres in 2005 for Illinois were 12.1 million acres.