

CHEMICAL USAGE

INDIANA PESTICIDE USAGE

Herbicide was used on 90 percent of Indiana's 5.4 million **CORN** acres during 2002 while insecticides were applied to 39 percent of the acreage. Atrazine was the herbicide of choice for 78 percent of the acreage while Tefluthrin was the most often used insecticide being applied to 10 percent of the state's acreage.

HERBICIDE AND INSECTICIDE USAGE CORN, INDIANA, 2002

Pesticide	Acres Planted (000)	Percent Acres Treated	Total 1/ Applied (000 #)	Percent of Previous Year
Corn				
Herbicide	5,400	90	11,535	72
Insecticide	5,400	39	729	66

MAJOR CHEMICAL USAGE, INDIANA, 2001-2002

Chemical (Trade Name)	Percent Acres Treated		Rate Per Crop Year (Pounds)		Total 1/ Applied (000 #)	
	2001	2002	2001	2002	2001	2002
Corn						
Herbicides						
Acetamide (Axiom, Epic, Define, Domain)	6	5	0.39	0.45	128	120
Acetochlor (Harness Plus, Surpass, TopNotch)	27	23	1.74	1.90	2,715	2,324
Atrazine (Atrazine, Bicep, Degree, Xtra)	94	78	1.36	1.32	7,359	5,547
Clopyralid (Curtail, Stinger, Hornet)	2	7	0.10	0.10	9	37
Dicamba (Banvel, NorthStar, Celebrity, OpTill)	8	6	0.10	0.12	46	40
Dicamba, Dimet. salt (Distinct, Range Star, Sterlin)	*	4	*	0.10	*	21
Dimethenamid (Guardman, Frontier, OpTill)	*	4	*	1.22	*	254
Flumetsulam (Broadstrike, Accent Gold, Bicep)	2	10	0.04	0.09	4	52
Glyphosate (Roundup, Protocol, Extreme, Glyphomax)	6	6	0.88	0.63	301	219
Imazapyr (Lightning)	3	5	0.002	0.002	< 1	1
Imazethapyr (Pursuit, Lightning, Steel)	3	5	0.007	0.007	1	2
Isoxaflutole (Balance, Epic)	13	13	0.06	0.06	46	42
Metolachlor (Dual, Dual II, Bicep, Turbo)	6	6	1.53	1.61	1,247	538
Nicosulfuron (Accent Gold, Celebrity, Steadfast)	3	8	0.01	0.02	2	8
Primisulfuron (Exceed, NorthStar, Beacon)	14	4	0.03	0.03	20	5
S-Metolachlor (Dual Mag, Dual II, Bicep Mag, Bound)	32	22	1.25	1.23	2,327	1,467
Insecticides						
Chlorpyrifos (Lorsban, Dursban)	6	6	1.35	0.87	483	291
Cyfluthrin (Baythroid, Leverage, Aztec)	10	8	0.006	0.006	3	2
Fipronil (Regent)	*	7	*	0.13	*	48
Tebupirimphos (Aztec)	10	8	0.12	0.11	70	47
Tefluthrin (Force)	14	10	0.11	0.13	95	66
* Insufficient reports to publish data. 1/ Totals may not compute due to rounding. 2/ Area applied is less than one percent.						

CHEMICAL USAGE

INDIANA PESTICIDE USAGE (Continued)

Herbicides were applied to 100 percent of the **SOYBEAN** acres planted during 2002. There were insufficient reports to publish data for insecticides used on the state's acreage. Glyphosate, commonly known as Roundup, Protocol, Extreme, and Bronco, was the state's most widely used herbicide, applied to 89 percent of the state's acreage, while Chlorimuron-ethyl, known as Canopy and Classic, was applied to 11 percent of the acreage.

HERBICIDE AND INSECTICIDE USAGE SOYBEANS, INDIANA, 2002

Pesticide	Acres Planted (000)	Percent Acres Treated	Total ^{1/} Applied (000 #)	Percent of Previous Year
	Soybeans			
Herbicide	5,800	100	7,853	140

MAJOR CHEMICAL USAGE, INDIANA, 2001-2002

Chemical (Trade Name)	Percent Acres Treated		Rate Per Crop Year (Pounds)		Total ^{1/} Applied (000 #)	
	2001	2002	2001	2002	2001	2002
Herbicides	Soybeans					
2,4-D (Several)	9	8	0.36	0.30	177	136
Chlorimuron-ethyl (Canopy, Classic, Authority,	10	11	0.01	0.02	8	11
Fenoxaprop (Fusion)	4	5	0.12	0.15	25	41
Fluazifop-P-butyl (Fusilade, Typhoon, Fusion)	4	5	0.04	0.05	8	13
Fomesafen (Reflex, Flexstar, Typhoon)	*	2	*	0.27	*	36
Glyphosate (Roundup, Protocol, Extreme, Bronco)	85	89	0.85	1.22	4,040	6,273
Glyphosate, diam. salt (Touchdown)	*	9	0.80	0.93	*	470
Imazaquin (Scepter, Squadron, Tri-Scept, Steel)	4	4	0.08	0.07	16	17
Imazethapyr (Pursuit, Lightning, Steel, Extreme, Res.)	7	10	0.06	0.06	26	33
Metribuzin (Canopy, Turbo, Sencor, Axiom, Boundary)	5	5	0.24	0.16	67	46
Pendimethalin (Prowl, Steel, Pursuit Plus, Squadron)	9	4	1.01	0.92	493	208
Sulfentrazone (Authority, Canopy, Gauntlet)	7	7	0.11	0.11	44	41
Sulfosate (Touchdown)	4	*	1.50	*	366	*

* Insufficient reports to publish data. ^{1/} Totals may not compute due to rounding.