

CHEMICAL USAGE

INDIANA PESTICIDE USAGE

Herbicide was used on 93 percent of Indiana's 5.6 million **CORN** acres during 2003 while insecticides were applied to 52 percent of the acreage. Atrazine was the herbicide of choice for 83 percent of the acreage while Tefluthrin was the most often used insecticide being applied to 15 percent of the state's acreage.

HERBICIDE AND INSECTICIDE USAGE CORN, INDIANA, 2003

	Acres Planted	Percent	Total <u>1/</u>	Percent of
	Corn			
Herbicide	5,600	93	13,064	113
Insecticide	5,600	52	1,323	181

MAJOR CHEMICAL USAGE, INDIANA, 2002-2003

Chemical (Trade Name)	Percent Acres		Rate Per		Total <u>1/</u>	
	2002	2003	2002	2003	2002	2003
	Corn					
Herbicides						
2,4-D (Defy, Turret)	*	9	*	0.33	*	166
Acetochlor (Harness Plus, Surpass, TopNotch)	23	33	1.90	1.97	2,324	3,621
Atrazine (Atrazine, Bicep, Degree, Xtra)	78	83	1.32	1.25	5,547	5,814
Clopyralid (Curtail, Stinger, Hornet)	7	3	0.10	0.11	37	20
Dicamba (Banvel, NorthStar, Celebrity, OpTill)	6	10	0.12	0.12	40	71
Diflufenzopyr-sodium (Celebrity Plus, Distinct)	*	3	*	0.03	*	6
Flumetsulam (Broadstrike, Accent Gold, Bicep)	10	5	0.09	0.06	52	18
Glyphosate (Roundup, Protocol, Extreme, Glyphomax)	6	10	0.63	0.75	219	430
Isoxaflutole (Balance, Epic)	13	10	0.06	0.06	42	34
Mesotrione (Callisto, Camix, Lumax)	*	6	*	0.15	*	50
Metolachlor (Dual, Dual II, Bicep, Turbo)	6	5	1.61	1.53	538	390
Nicosulfuron (Accent Gold, Celebrity, Steadfast)	8	6	0.02	0.02	8	6
Primisulfuron (Exceed, NorthStar, Beacon)	4	10	0.03	0.02	5	14
Rimsulfuron (Accent, Basis, DPX-79406, Matrix)	*	5	*	0.01	*	4
S-Metolachlor (Dual Mag, Dual II, Bicep Mag, Bound)	22	22	1.23	1.32	1,467	1,623
Simazine (Princep, Sim-Trol, Simazat, Simazine)	*	4	*	0.79	*	165
Insecticides						
Chlorpyrifos (Lorsban, Dursban)	6	9	0.87	1.21	291	621
Cyfluthrin (Baythroid, Leverage, Aztec)	8	14	0.006	0.006	2	5
Fipronil (Regent)	7	4	0.13	0.12	48	26
Tebupirimphos (Aztec)	8	14	0.11	0.11	47	90
Tefluthrin (Force)	10	15	0.13	0.11	66	93
Terbufos (Counter)	*	6	*	1.37	*	473

* Insufficient reports to publish data. 1/ Totals may not compute due to rounding. 2/ Area applied is less than one percent.