

CHEMICAL USAGE

INDIANA PESTICIDE USAGE

Herbicide was used on 99 percent of Indiana's 5.7 million **CORN** acres during 2000 while insecticides were applied to 30 percent of the acreage. Atrazine was the herbicide of choice for 80 percent of the acreage while Tefluthrin was the most often used insecticide being applied to 13 percent of the state's acreage.

HERBICIDE AND INSECTICIDE USAGE CORN, INDIANA, 2000

Pesticide	Acres Planted (000)	Percent Acres Treated	Total ^{1/} Applied (000 #)	Percent of Previous Year
Corn				
Herbicide	5,700	99	15,459	104
Insecticide	5,700	30	797	69

MAJOR CHEMICAL USAGE, INDIANA, 1999-2000

Chemical (Common Name)	Percent Acres Treated		Rate Per Crop Year (Pounds)		Total ^{1/} Applied (000 #)	
	1999	2000	1999	2000	1999	2000
Corn						
Herbicides						
2,4-D (several)	6	13	0.34	.41	121	318
Acetochlor (Harness, Topnotch)	31	26	1.64	2.01	2,942	2,918
Alachlor (Lasso)	2	3	1.53	2.06	179	330
Atrazine (Aatrex, Atrazine)	91	80	1.26	1.41	6,666	6,432
Clopyralid (Reclaim, Stinger)	9	10	0.09	.10	45	56
Cyanazine (Bladex, Conquest, Cycle, Extrazine)	3	--	1.89	--	310	--
Dicamba (Banvel)	2	13	0.22	0.22	29	157
Dimethenamid (Frontier, Guardsman)	2	6	1.32	1.23	121	427
Flumetsulam (Broadstrike)	11	11	0.04	0.04	24	25
Glyphosate (Ranger, Rattler, Rodeo, Roundup)	5	11	0.47	0.47	130	287
Imazethapyr (Pursuit)	3	4	0.008	0.007	2	2
Metolachlor (Dual)	47	41	1.41	1.50	3,842	3,506
Nicosulfuron (Accent)	3	5	0.02	0.01	4	3
Paraquat (Cyclone, Gramoxone, Starfire)	--	--	--	0.50	--	21
Primisulfuron (Beacon)	5	8	0.03	0.02	7	9
Prosulfuron (Peak)	--	4	--	.0008	--	2
Simazine (Princep, Simazine)	3	5	0.94	0.94	144	277
Insecticides						
Chlorpyrifos (Lorsban, Dursban)	7	8	1.12	1.04	455	499
Tefluthrin (Force)	14	13	0.10	0.10	88	75
Terbufos (Counter)	8	--	0.91	--	416	--
* Insufficient reports to publish data. ^{1/} Totals may not compute due to rounding.						

CHEMICAL USAGE

INDIANA PESTICIDE USAGE (Continued)

Herbicides were applied to 99 percent of the **SOYBEAN** acres planted during 2000. There was insufficient reports to publish data for insecticides used on the state's acreage. Glyphosate, commonly known as Roundup, Ranger, Rattler, and Rodeo, was the state's most widely used herbicide, applied to 71 percent of the state's acreage, while Chlorimuron-ethyl, known as Classic and Thifensulfuron known as Pinnacle were both applied to 19 percent of the acreage.

HERBICIDE AND INSECTICIDE USAGE SOYBEANS, INDIANA, 2000

	Acres Planted	Percent	Total ^{1/}	Percent of
	Soybeans			
Herbicide	5,650	99	5,414	94

MAJOR CHEMICAL USAGE, INDIANA, 1999-2000

Chemical (Common Name)	Percent Acres Treated		Rate Per Crop Year (Pounds)		Total ^{1/} Applied (000 #)	
	1999	2000	1999	2000	1999	2000
	Soybeans					
Herbicides						
2,4-D (several)	8	14	0.39	0.46	179	373
Chlorimuron-ethyl (Classic)	11	19	0.01	0.01	9	12
Clethodim (Select)	1	5	0.33	0.10	26	32
Cloransulam-methyl (FirstRate)	2	5	0.008	0.01	1	3
Fenoxaprop (several)	--	10	--	0.16	--	88
Fluazifop-P-butyl (Fusilade)	--	10	--	0.05	--	29
Fomesafen (Reflex)	--	6	--	0.14	--	45
Glyphosate (Ranger, Rattler, Rodeo, Roundup)	76	71	1.04	.97	4,414	3,894
Imazamox	--	5	--	.02	--	6
Imazaquin (Scepter)	7	2	0.07	0.10	29	14
Imazethapyr (Pursuit)	10	9	0.05	0.04	29	20
Metolachlor (Dual)	2	2	1.95	1.21	217	161
Metribuzin (Axiom, Lexone, Sencor)	3	6	0.26	0.12	47	42
Pendimethalin (Prowl)	8	5	0.81	0.86	376	235
Sulfentrazone (Authority, Canopy)	7	5	0.09	0.16	34	42
Sulfosate	--	4	--	1.15	--	321
Thifensulfuron (Pinnacle)	3	19	0.003	0.002	1	2

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