

Pesticide Use on Crops in Portage County for 1997

Corn: Field Corn

Acres Planted= 41, 800

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Atrazine	Aatrex, Atratol	Triazines	21,318	0.75	15,988	17
Dicamba	Banvel	Benzoic Acid	19,228	0.37	7,114	16
Metolachlor	Dual	Chloracetanilide	8,778	1.72	15,098	10
TOTAL					38,200	

Corn: Sweet Corn for processing

Acres Planted= 10,400

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Alachlor	Lasso, Pillarzo	Chloracetanilide	3,432	1.93	6,624	16
Atrazine	Aatrex, Atratol, Gesaprim	Triazines	5,200	0.78	4,056	17
Cyanazine	Bladex, Fortrol	Triazines	3,224	1.66	5,352	12
Metolachlor	Dual, Pennant	Chloracetanilide	2,704	1.60	4,326	10
Pendimethalin	Prowl	Dinitroaniline	1,040	1.01	1,050	10
Insecticides						
Chlorpyrifos	Dursban, Lorsban	Organophosphate	1,040	1.01	1,050	11
Lambdacyhalothrin	N/A	N/A	2,288	0.08	183	N/A
Methyl parathion	Penncap M	Organophosphate	1,144	0.90	1,030	35
Permethrin	Ambush, Pounce	Pyrethroid	5,824	0.39	2,271	12
Fungicides						
Propiconazole	Banner, Orbit, Tilt	Triazole	1,456	0.13	189	10
TOTAL					26,131	

Cranberries

Acres Planted= 677

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
2, 4-D	Amoxone, Aqua-Kleen	Chlorophenoxy	115	1.92	221	13
Dichlobenil	Barrier, Decabane	Benzonitrile	379	1.29	489	4
Glyphosate	Roundup	Organophosphate	392	0.48	188	17
Napropamide	Devrinol	Amide	284	3.86	1,098	2
Norflurazon	Evital, Telok	Pyridazine	135	1.29	175	21
Insecticides						
Acephate	Orthene	Organophosphate	332	0.99	330	18
Azinphos-methyl	Guthion	Organophosphate	427	1.20	512	31
Carbaryl	Sevin	Carbamate	223	3.27	730	27
Chlorpyrifos	Durshan, Lorsban	Organophosphate	176	1.48	260	11
Diazinon	Diazinon	Organophosphate	521	3.78	1,970	10
Piperonyl butoxide	N/A	N/A	183	0.31	57	N/A
Pyrethrins	(various)	Pyrethrins	183	0.03	5	N/A
Fungicides						
Copper hydroxide	Champion, Kocide	Inorganic copper	55	5.05	274	16
Triforine	Funginex, Saprol	Miscellaneous Organic	88	0.64	56	40
Total					6,365	

Peas for Processing
 Acres Planted= 3, 400

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Imazethapyr	N/A	N/A	918	0.04	37	N/A
MCPB	MCPB +, Acumen	Chlorophenoxy	476	0.64	305	16
Trifluralin	Treflan	Fluorodinitrotoluidine	918	0.50	459	16
Insecticides						
Esfenvalerate	Asana, Halmark	Pyrethroid	204	0.1	20	36
TOTAL					821	

Potatoes

Acres Planted= 23,700

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Linuron	Lorox, Linex	Substituted Urea	2,370	0.97	2,300	16
Metolachlor	Pennant	Chloracetanilide	4,266	1.44	6,143	10
Metribuzin	Sencor	Triazine	21,093	0.52	10,968	22
Pendimethalin	Prowl	Dinitroaniline	8,532	0.81	6,910	10
Sethoxydim	Poast	Cyclohexenone	2,370	0.20	474	17
Insecticides						
Azinphos-methyl	Guthion	Organophosphate	6,162	1.19	7,333	31
Carbofuran	Furadan	Carbamate	3,792	0.93	3,527	28
Dimethoate	Cygon	Organophosphate	6,636	0.48	3,185	33
Endosulfan	Thiodan	Chlorinated Hydrocarbon	15,642	1.09	17,050	31
Esfenvalerate	Asana	Pyrethroid	14,220	0.06	853	36
Methamidophos	Bay-71628	Organophosphate	15,405	1.26	19,410	26
Permethrin	Ambush, Pounce	Pyrethroid	5,214	0.21	1,095	12
Piperonyl butoxide	N/A	N/A	4,029	0.21	846	N/A
Pyrethrins	many	Pyrethrins	2,370	0.02	47	N/A
Fungicides						
Chlorothalonil	Bravo	Substituted Benzene	20,856	5.61	117,000	38
Copper Hydroxide	Champion, Kocide	Inorganic Copper	9,006	1.26	11,348	16
Mancozeb	Dithane, Manzate	Carbamate	20,382	5.76	117,400	23
Maneb	Manex, Maneb	Carbamate	3,318	6.65	22,065	23
Metalaxl	Ridomil	Misc. Organic	3,555	0.31	1,102	17
Triphenyltin hydroxide	Supertin, Du-Ter	Organotin	10,902	0.31	3,380	32
Other Chemicals						
Diquat	Diquat	Bipyridylum	18,960	0.42	7,963	6
Endothall	Accelerate, Des-I-Cate	Dicarboxylic Acid	2,600	0.82	2,138	1
Sulfuric Acid	(same)	Sulfuric Acid	3,080	150	462,150	N/A
TOTAL					824, 687	

Snap Beans (Green Beans) for processing

Acres Planted= 13, 650

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Bentazon	Basagran	Miscellaneous Organic	1,500	0.74	1,111	16
EPTC	Eradicane, Eptam	Carbarnate	8,463	2.74	23,189	16
Metolachlor	Dual	Chloracetanilide	3,276	1.94	6,355	10
Trifluralin	Treflan	Fluorodinitrotoluidine	8,736	0.65	5,678	16
Insecticides						
Acephate	Orthene	Organophosphate	6,962	1.04	7,240	18
Dimethoate	Cygon	Organophosphate	1,092	0.44	480	33
Methyl parathion	Penncap M	Organophosphate	5,870	0.99	5,811	35
Fungicides						
Benomyl	Benex, Benlate	Miscellaneous Organic	4,095	0.78	3,194	21
Copper hydroxide	Champion, Kocide	Inorganic Copper	2,320	0.69	1,601	16
Thiophanate-methyl	Ditek, Frumidor, Mildothane	Carbarnate	2,867	1.03	2,952	23
TOTAL					57,611	

Soybeans

Acres Planted= 6,700

Common Name	Trade Name(s)	Family	Estimated Acres Applied to	Estimated Rate (lbs/A/yr)	Total Applied (lbs.)	Guide No.
Herbicides						
Imazethapyr	N/A	N/A	4,422	0.05	221	N/A
Pendimethalin	Prowl	Dinitroaniline	1,608	1.06	1,704	10
Quizalofop-ethyl	N/A	N/A	670	0.07	47	N/A
Thifensulfuron	N/A	N/A	3,149	0.002	6	N/A
Metolachlor	Dual	Chloracetanilide	670	1.71	1,146	10
TOTAL					3,124	

Note: The pesticides listed in this report are used on an estimated 105 or more of the targeted acres statewide.

Sources: 1998 Wisconsin Agricultural Statistics, WI DATCP
1996 Wisconsin Pesticide Use, WI DATCP
A Guidebook for the Safe Use of Hazardous Agricultural Farm Chemicals and Pesticides