

## Major Chemical Use, Wisconsin, 2005

Agricultural chemicals, common name (trade name)	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.
<b>CORN 1/</b>					
Herbicides:					
Acetochlor (Harness, Surpass)	16	1.0	1.67	1.67	1,009
Atrazine (AAtrex, Basis Gold)	54	1.0	0.78	0.79	1,627
Clopyralid (Accent Gold, Curtail M.)	20	1.0	0.11	0.11	79
Dicamba, Sodium Salt (Celebrity Plus)	3	1.0	0.09	0.09	12
Diflufenzopyr-sodium (Celebrity Plus)	3	1.0	0.04	0.04	5
Flufenacet (Axiom DF, Define DF)	4	1.0	0.44	0.44	64
Flumetsulam (Accent Gold, Hornet)	21	1.0	0.04	0.04	30
Glufosinate-ammonium (Ignite, Liberty)	9	1.0	0.35	0.35	118
Glyphosate iso. salt (Roundup)	28	1.2	0.77	0.95	1,013
Mesotrione (Callisto, Lumax)	25	1.0	0.14	0.14	133
Nicosulfuron (Accent, Basis Gold)	12	1.0	0.02	0.02	9
Pendimethalin (Prowl, Pendimax 3.3)	6	1.0	0.95	0.95	231
Rimsulfuron (Basis, Steadfast)	7	1.0	0.01	0.01	3
S-Metolachlor (Bicep, Cinch, Dual)	30	1.0	1.47	1.47	1,677
Insecticides:					
Cyfluthrin (Baythroid, Leverage)	7	1.0	0.01	0.01	2
Tebupirimphos (Aztec 2.1% & 4.67% Gran)	7	1.0	0.13	0.13	36
Tefluthrin (Force 3G)	9	1.0	0.13	0.13	41
<b>OATS 2/</b>					
Herbicides:					
2,4-D dimeth. salt (2,4-D Amine)	4	1.0	0.36	0.36	6
<b>FALL POTATOES 3/</b>					
Herbicides:					
Glyphosate iso. salt (Buccaneer, Roundup)	12	1.2	0.65	0.79	6
Linuron (Linex)	25	1.0	0.50	0.50	9
Metribuzin (Lexone, Metri DF, Sencor)	79	1.0	0.43	0.45	24
Pendimethalin (Pendimax, Prowl)	28	1.0	0.70	0.70	13
Rimsulfuron (Matrix)	43	1.1	0.02	0.02	1
S-Metolachlor (Dual)	19	1.0	1.04	1.04	13
Sethoxydim (Poast)	2	1.0	0.25	0.25	*
Insecticides:					
Cyfluthrin (Baythroid, Leverage)	42	1.4	0.03	0.05	1
Dimethoate (Dimate)	2	1.0	0.32	0.32	1
Endosulfan (Thiodan)	7	1.2	0.87	1.01	5
Esfenvalerate (Asana)	54	2.1	0.04	0.08	3
Imidacloprid (Admire, Leverage, Provado)	56	1.2	0.18	0.20	8
Permethrin (Arctic, Perm-Up, Pounce)	2	4.0	0.15	0.59	1
Phosmet (Imidan)	7	1.4	0.81	1.15	6
Thiamethoxam (Actara, Platinum)	35	1.3	0.08	0.11	3
Fungicides:					
Azoxystrobin (Amistar, Quadris)	55	1.7	0.11	0.18	7
Boscalid (Endura)	51	1.6	0.17	0.29	10
Chlorothalonil (Bravo, Echo, Equus)	93	6.1	0.94	5.67	357
Copper hydroxide (Champ, Kocide)	23	1.7	0.62	1.07	17
Cymoxanil (Curzate, Tanos)	41	2.1	0.09	0.19	5
Famoxadone (Tanos)	41	2.1	0.09	0.19	5
Mancozeb (Dithane, Manzate, Penncozeb)	73	5.5	1.11	6.09	304
Mefenoxam (Ridomil Gold)	46	1.9	0.32	0.62	19
Pyraclostrobin (Headline)	20	4.1	0.12	0.48	7
Triphenyltin hydrox. (Agri Tin, Super Tin)	35	1.5	0.10	0.15	4
Other Chemicals:					
Diquat dibromide (Reglone)	76	1.7	0.35	0.59	30

1/Planted acres in 2005 for Wisconsin were 3.80 million acres. 2/Planted acres in 2005 for Wisconsin were 400,000 acres. 3/Planted acres in 2005 for Wisconsin were 68,000 acres. \*Total applied is less than 500 lbs. Source: USDA, NASS, Wisconsin Field Office.