



New York State Integrated Pest Management Program

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A Method to Measure the Environmental Impact of Pesticides, Table 2, List of Pesticides

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Key to Terms and Symbols:

Action: PGR= plant growth regulator, IGR = insect growth regulator, PA = plant activator, CP = crop protectant, B = bactericide, AC = acaricide, I = insecticide, F = fungicide, H = herbicide

EIQ Revision Date: Date of latest revision. Original = EIQ value from 1992 bulletin

Old EIQ Rating: EIQ value from original 1992 bulletin

Missing Data: None=no missing data values, B= toxicity to beneficial insects, P=plant surface half life, Z= toxicity to bees, C=chronic health effects, R=runoff potential, L=leaching potential, S=soil residue half life

Formula Symbols: DT = Acute dermal toxicity D = Toxicity to birds F = Toxicity to fish Z = Toxicity to bees L = Leaching potential R = Runoff potential S = Soil residue half life

SY = Mode of action C = Chronic health effects P = Plant surface health effects B = toxicity to beneficial insects

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	Formulas		(Farm Worker+ Consumer+ Ecological)/3					C(DT*5)	C(DT*P)	C(DT*5)+C(DT*P)	C* ((S+P)/2)*SY	L	C*((S+P)/2)*SY)+L	(F*R)	(D*((S+P)/2*3)	(Z*P*3)	(B*P*5) (Beneficial)+ (Plant 1/2L)	(D+B) (Bird)+ (Beneficial)	(Fish)+(Bird) +(Bee)+ (Beneficial)
	Common Name	Trade Name	Action	EQ total	EQ Rev Date	Old EQ Rating	Missing Data	Applicator Effects	Picker Effects	Farm Worker	Consumer Effects	Grd H2O Leaching	Consumer + Leaching	Fish	Birds	Bee	Beneficials	Terrestrial	Ecology
1	amitraz	Mitac	AC	23.3	1/03	34.2	None	30.00	6.00	36.00	4.00	1.0	5.00	15.00	6.00	3.00	5.00	14.00	29.00
2	diafenthiuron	Pegasus	AC	20.33	4/04	New	C	5.00	1.00	6.00	1.00	1.0	2.00	25.00	3.00	15.00	10.00	28.00	53.00
3	fenbutatin-oxide	Vendex	AC	27.5	3/01	New	R,L,S,B	8.33	3.17	11.50	5.75	1	6.75	25.00	10.35	5.70	23.09	39.14	64.14
4	streptomycin	Agristrep	B	18.7	-	Original	F,D,B,L,R	15.00	3.00	18.00	3.00	1.6	4.60	13.68	4.50	3.00	12.35	19.85	33.53
5	coniothyrium minitans	Contans	BP	6.67	4/04	New	None	5.00	1.00	6.00	1.00	1.0	2.00	1.00	3.00	3.00	5.00	11.00	12.00
6	hydrogen peroxide (dioxide)	Zerotol	BP	14.67	4/04	New	None	25.00	5.00	30.00	1.00	1.0	2.00	1.00	3.00	3.00	5.00	11.00	12.00
7	etoxazole	Terasan 5 WDG	IGR	13.42	1/07	New	P,F	5.00	1.90	6.90	1.45	1.0	2.45	5.00	4.35	5.70	15.87	25.92	30.92
8	novaluron	Novaluron	IGR	14.33	1/07	New	None	5.00	1.00	6.00	2.00	1.0	3.00	15.00	6.00	3.00	10.00	19.00	34.00
9	spiridoclofen	Envidor	IGR	16.69	1/07	New	P,F,D	5.00	1.90	6.90	1.45	1.0	2.45	19.50	14.36	5.70	9.50	29.56	49.06
10	kaolin clay	Surround	CP	8.0	12/02	New	None	5.00	1.00	6.00	1.00	1.0	2.00	5.00	3.00	3.00	5.00	11.00	16.00
11	pyriproxyfen	Distance IGR	IGR	14.7	1/07	New	None	5.00	1.00	6.00	1.00	1.0	2.00	25.00	3.00	3.00	5.00	11.00	36.00
12	buprofezin	Applaud	IGR	27.63	4/04	New	None	5.00	3.00	8.00	3.00	1.0	4.00	25.00	9.00	9.00	27.90	45.90	70.90
13	Bacillus subtilis	Serenade	PA	7.6	12/02	New	None	5.00	1.00	6.00	1.00	1.0	2.00	1.00	3.00	3.00	7.85	13.85	14.85
14	cyclanilide	Finish	PGR	22.7	1/03	New	None	5.00	3.00	8.00	3.00	1.0	4.00	5.00	27.00	9.00	15.00	51.00	56.00
15	ecolyst		PGR	27.3	1/03	New	None	5.00	5.00	10.00	5.00	3.0	8.00	9.00	15.00	15.00	25.00	55.00	64.00
16	maleic hydrazide	Maintain	PGR	31.6	-	Original	-	11.20	6.72	17.92	4.48	3.1	7.57	3.43	6.00	9.00	50.85	65.85	69.28
17	paclobutrazol	Cultar, Bonzi	PGR	28.7	1/03	New	None	5.00	5.00	10.00	15.00	3.0	18.00	3.00	15.00	15.00	25.00	55.00	58.00
18	clofencet		PGR	55.00	4/04	New	B	7.50	7.50	15.00	18.00	5.0	23.00	15.00	12.00	15.00	85.00	112.00	127.00
19	prohexadione - CA	Apogee	PGR	8.67	4/04	New	None	5.00	1.00	6.00	3.00	3.0	6.00	3.00	3.00	3.00	5.00	11.00	14.00
Insecticides																			
20	abamectin	Agri-mek	I	38.0	12/00	22.7	None	30.00	6.00	36.00	4.00	1.0	5.00	25.00	18.00	15.00	15.00	48.00	73.00
21	acephate	Orthene	I	23.4	1/03	17.9	None	10.00	2.00	12.00	6.00	5.0	11.00	1.00	9.00	15.00	22.15	46.15	47.15
22	acetamiprid	Mospilan, Assail	I	26.9	1/07	New	P,B	5.00	1.90	6.90	4.35	5.0	9.35	1.00	13.05	17.10	33.25	63.40	64.40
23	acibenzolar S-methyl	Actigard	I	22.6	1/01	New	B	7.50	2.85	10.35	6.53	1.0	7.53	25.00	4.35	5.70	14.92	24.97	49.97
24	aldicarb	Temik	I	38.67	4/04	37.1	None	25.00	5.00	30.00	6.00	5.0	11.00	5.00	30.00	15.00	25.00	70.00	75.00
25	allethrin	Pynamin	I	36.1	-	Original	-	9.80	3.72	13.52	4.09	2.0	6.09	16.00	6.26	28.50	38.00	72.76	88.76
26	avermectin	Agri-mek	I	22.7	-	Original	-	10.00	2.00	12.00	0.00	1.0	1.00	16.00	4.95	15.00	19.15	39.10	55.10
27	azadirachtin	Turplex, Aza-direct	I	12.8	1/07	11.4	None	5.00	1.00	6.00	1.00	1.0	2.00	15.00	3.00	3.00	9.30	15.30	30.30
28	azinphos-methyl	Guthion	I	44.9	2/01	43.1	None	30.00	6.00	36.00	4.00	1.0	5.00	25.00	30.00	15.00	23.55	68.55	93.55
29	Bacillus thuringiensis (kustaki)	Xentari, Dipel	I	7.9	2/01	13.5	None	5.00	1.00	6.00	1.00	1.0	2.00	1.00	3.00	3.00	8.75	14.75	15.75
30	bendiocarb	Dycarb	I	25.7	1/03	22.9	None	15.00	3.00	18.00	3.00	3.0	6.00	0.00	15.00	15.00	23.00	53.00	53.00
31	bifenazate	Floramite	I	14.8	3/01	26.4	None	5.00	1.00	6.00	1.00	1.0	2.00	15.00	3.00	9.00	9.30	21.30	36.30
32	bifenthrin	Brigade, Talstar, Capture	I	87.8	1/03	36.0	None	7.50	7.50	15.00	7.50	1.0	8.50	25.00	15.00	75.00	125.00	215.00	240.00
33	carbaryl	Sevin	I	20.9	1/07	21.7	None	10.00	2.00	12.00	2.00	1.0	3.00	9.00	3.00	15.00	20.70	38.70	47.70
34	carbofuran	Chlordane, Furadan	I	50.67	4/04	56.8	None	50.00	10.00	60.00	12.00	5.0	17.00	5.00	30.00	15.00	25.00	70.00	75.00
35	chlordane	Chlordane	I	63.6	-	Original	-	45.00	17.10	62.10	10.35	1.0	11.35	25.00	31.05	28.50	32.87	92.42	117.42
36	chlordimeform	Bermat	I	32.6	-	Original	-	10.05	3.84	13.89	4.93	1.0	5.93	15.00	24.53	5.73	32.76	63.01	78.01
37	chlorethoxyfos	Fortress	I	37.3	1/03	29.8	None	25.00	5.00	30.00	1.00	1	2.00	25.00	15.00	15.00	25.00	55.00	80.00
38	chlorfenapyr	Pirate, Alert, Pylon	I	84.5	1/03	New	None	5.00	5.00	10.00	5.00	1	6.00	25.00	75.00	75.00	62.50	212.50	237.50
39	chlorfenvinphos	CFV	I	43.9	-	Original	-	26.93	10.23	37.17	4.19	2.0	6.15	16.10	20.64	28.50	22.99	72.13	88.23
40	chloropicrin	Larvacide	I	36.4	-	Original	-	63.50	12.70	76.20	2.54	1.0	3.54	3.80	9.90	3.30	12.35	25.55	29.35
41	chlorypyrifos	Lorsban	I	43.5	2/01	52.8	-	15.00	3.00	18.00	3.00	1.0	4.00	25.00	45.00	15.00	23.55	83.55	108.55
42	cinnamaldehyde	Cinnamite	I	9.2	1/03	New	None	5.00	1.00	6.00	0.00	1.0	1.00	1.00	3.00	3.00	13.55	19.55	20.55
43	clofentazine	Apollo	I	26.3	1/03	33.0	None	7.50	1.50	9.00	3.00	1.0	4.00	25.00	30.00	3.00	7.85	40.85	65.85
44	clothianidin	Poncho	I	31.78	4/04	New	P, B	5.00	1.90	6.90	10.35	3.0	13.35	3.00	10.35	28.50	33.25	72.10	75.10
45	cryolite	Kryocide	I	21.4	-	Original	E,T,M,C,S,P,R,L	9.50	3.61	13.11	3.99	2.0	5.99	3.20	6.30	5.70	30.02	42.02	45.22
46	cyfluthrin	Baythroid	I	39.6	2/01	47.3	P	5.00	1.90	6.90	2.45	1.0	3.45	25.00	7.35	28.50	47.50	83.35	108.35
47	cyhalothrin, lambda	Warrior, Schimitar	I	43.5	1/01	24.4	P	15.00	5.70	20.70	2.45	1.0	3.45	25.00	7.35	28.50	45.60	81.45	106.45
48	cyhexatin		I	32.8	-	Original	-	26.93	10.29	37.22	4.20	2.0	6.16	3.22	18.81	5.73	27.22	51.76	54.98
49	cypermethrin	Cymbush	I	27.3	12/00	54.4	None	7.50	1.50	9.00	3.00	1	4.00	25.00	6.00	15.00	23.00	44.00	69.00
50	cyromazine	Trigard	I	24.18	4/04	29.5	P,B	5.00	1.90	6.90	10.35	5	15.35	1.00	10.35	5.70	33.25	49.30	50.30
51	deltamethrin	Deltagard, Decis	I	25.7	1/03	21.2	None	5.00	1.00	6.00	2.00	1.0	3.00	25.00	6.00	15.00	22.15	43.15	68.15
52	demeton	Systox	I	85.5	-	Original	-	125.00	47.50	172.50	0.00	2.0	2.00	16.00	31.50	0.00	34.58	66.08	82.08

53	diazinon	Diazinon	I	43.4	4/03	34.2	-	5.00	1.90	6.90	1.45	1.0	2.45	25.00	21.75	28.50	45.60	95.85	120.85
54	dichlorvos	Vapona	I	40.6	-	Original	R	50.00	10.00	60.00	2.00	1.0	3.00	9.60	15.00	15.00	19.15	49.15	58.75
55	dicofol	Kelthane	I	29.9	-	Original	E,T	30.00	6.00	36.00	4.00	1.0	5.00	25.00	6.00	3.00	14.55	23.55	48.55
56	dienochlor	Pentac	I	15.1	-	Original	-	9.50	1.90	11.40	3.14	2.1	5.24	3.20	4.95	3.00	17.50	25.45	28.65
57	diflubenzuron	Dimilin	I	25.33	4/04	39.5	None	5.00	3.00	8.00	2.00	1.0	3.00	5.00	6.00	9.00	45.00	60.00	65.00
58	dimethoate	Cygon	I	74.0	-	Original	-	45.00	27.00	72.00	6.00	3.0	9.00	5.00	30.00	45.00	60.90	135.90	140.90
59	dinocap	Karathane	I	21.02	4/04	23.6	None	12.50	2.50	15.00	2.50	1.0	3.50	25.00	3.00	3.00	13.55	19.55	44.55
60	disulfoton	Di-Syston	I	104.5	1/03	121.9	None	62.50	37.50	100.00	22.50	1.0	23.50	25.00	45.00	45.00	75.00	165.00	190.00
61	emamectin benzoate	Proclaim	I	26.3	1/03	New	None	7.50	1.50	9.00	3.00	1.0	4.00	25.00	18.00	15.00	7.85	40.85	65.85
62	endosulfan	Thiodan	I	42.1	2/01	40.5	-	30.00	6.00	36.00	6.00	1.0	7.00	25.00	27.00	9.00	22.15	58.15	83.15
63	esfenvalerate	Asana	I	39.6	2/01	49.6	-	5.00	1.90	6.90	2.45	1.0	3.45	25.00	7.35	28.50	47.50	83.35	108.35
64	ethion	Ethion	I	41.0	-	Original	-	25.00	9.50	34.50	1.45	1.0	2.45	25.00	21.75	5.70	33.73	61.18	86.18
65	ethoprop	Mocap	I	58.8	1/03	44.6	E,P	50.00	19.00	69.00	6.90	5.0	11.90	3.00	51.75	17.10	23.75	92.60	95.60
66	etoxazole	Terasan 5 WDG	I	13.42	4/04	New	P,F	5.00	1.90	6.90	1.45	1.0	2.45	5.00	4.35	5.70	15.87	25.92	30.92
67	fenamiphos	Nemacur	I	71.33	4/04	78.9	None	25.00	15.00	40.00	6.00	3.0	9.00	15.00	30.00	45.00	75.00	150.00	165.00
68	fenoxycarb	Comply, Precision	I	13.0	12/00	10.0	None	7.50	1.50	9.00	1.50	1	2.50	15.00	3.00	3.00	6.45	12.45	27.45
69	fenpropathrin	Tame, Danitrol	I	25.3	1/03	46.2	None	5.00	1.00	6.00	1.00	1.0	2.00	25.00	3.00	15.00	25.00	43.00	68.00
70	fenpyroximate	Akari	I	19.33	1/07	New	None	5.00	1.00	6.00	2.00	1.0	3.00	25.00	6.00	3.00	15.00	24.00	49.00
71	fensulfothion	Dasanit	I	66.9	-	Original	O,R,L	25.00	15.00	40.00	12.00	2.0	14.00	9.60	36.00	45.00	55.95	136.95	146.55
72	fenvalerate	Pydrin	I	49.6	-	Original	-	5.00	3.00	8.00	3.00	1.0	4.00	25.00	9.00	45.00	57.75	111.75	136.75
73	fipronil	Regent	I	90.92	4/04	54.1	None	30.00	30.00	60.00	8.00	1.0	9.00	25.00	36.00	75.00	67.75	178.75	203.75
74	fluralinate	Mavrick	I	46.4	-	Original	-	47.50	18.05	65.55	2.76	1.0	3.76	25.00	14.36	5.70	24.70	44.76	69.76
75	fonofos	Dyfonate	I	44.6	-	Original	-	37.50	7.50	45.00	3.00	3.0	6.00	25.00	30.00	9.00	18.75	57.75	82.75
76	formetanate	Carzol	I	21.5	-	Original	-	5.00	1.00	6.00	3.00	1.0	4.00	15.00	9.00	9.00	21.35	39.35	54.35
77	furathiocarb	Promet	I	35.33	4/04	New	None	7.50	1.50	9.00	9.00	3.0	12.00	15.00	30.00	15.00	25.00	70.00	85.00
78	halofenozide	Mach II	I	26.18	4/04	New	P, B	5.00	1.90	6.90	10.35	3.0	13.35	9.00	10.35	5.70	33.25	49.30	58.30
79	hexakis	Vendex	I	12.8	-	Original	R,L,S,B	5.00	1.00	6.00	1.65	2.0	3.65	3.20	4.95	3.00	17.60	25.55	28.75
80	hexythiazox	Savey, Hexygon	I	33.0	1/03	38.4	None	7.50	7.50	15.00	6.00	1.0	7.00	25.00	12.00	15.00	25.00	52.00	77.00
81	imidacloprid	Admire	I	34.9	12/00	37.2	P	5.00	1.90	6.90	7.35	3	10.35	3.00	22.05	28.50	33.92	84.47	87.47
82	indoxacarb	Avault	I	43.0	1/03	New	None	5.00	3.00	8.00	4.00	1.0	5.00	25.00	36.00	27.00	27.90	90.90	115.90
83	isazofos	Triumph	I	30.7	-	Original	-	30.00	6.00	36.00	2.00	2.0	3.96	16.00	9.00	9.75	17.50	36.25	52.25
84	isofenphos	Oftanol	I	103.5	2/01	58.9	B	25.00	25.00	50.00	15.00	5.0	20.00	3.00	75.00	75.00	87.50	237.50	240.50
85	lindane	Lindane	I	69.2	-	Original	-	52.50	19.95	72.45	12.08	3.0	15.08	25.00	31.05	28.50	35.53	95.08	120.08
86	malathion	Cythion	I	23.83	4/04	23.2	None	7.50	1.50	9.00	1.50	3.0	4.50	15.00	3.00	15.00	25.00	43.00	58.00
87	methamidophos	Monitor	I	36.8	1/03	64.1	M	37.50	7.50	45.00	4.50	5.0	9.50	1.00	15.00	15.00	25.00	55.00	56.00
88	methidathion	Supracide	I	69.3	-	Original	-	37.50	22.50	60.00	5.00	3.0	8.00	15.00	18.00	45.00	61.80	124.80	139.80
89	methomyl	Lannate	I	30.7	2/01	32.8	-	5.00	1.00	6.00	6.00	5.0	11.00	5.00	30.00	15.00	25.00	70.00	75.00
90	methoxychlor	Mariate	I	53.7	2/01	58.0	T,O	10.00	10.00	20.00	10.00	1.0	11.00	25.00	15.00	15.00	75.00	105.00	130.00
91	methoxyfenozide	Intrepid	I	33.4	1/03	New	None	5.00	5.00	10.00	5.00	1.0	6.00	15.00	15.00	15.00	39.25	69.25	84.25
92	methyl parathion	Pennacp-M	I	35.2	-	Original	-	45.00	9.00	54.00	3.00	1.0	4.00	9.00	3.00	15.00	20.65	38.65	47.65
93	mevinphos	Phosdrin	I	28.2	-	Original	M	25.00	5.00	30.00	3.00	3.0	6.00	5.00	15.00	15.00	13.50	43.50	48.50
94	naled	Dibrom	I	37.7	-	Original	E,T,O	45.00	9.00	54.00	3.00	1.0	4.00	5.00	15.00	15.00	20.00	50.00	55.00
95	oil	Oil	I	27.5	-	Original	E,T,M,S	5.00	3.00	8.00	2.65	1.0	3.65	9.00	7.95	9.00	45.00	61.95	70.95
96	oxamyl	Vydate	I	22.9	-	Original	-	12.50	2.50	15.00	7.50	1.0	8.50	3.00	15.00	9.00	18.20	42.20	45.20
97	oxydemeton-methyl	Metasytox-R	I	75.03	4/04	82.5	None	50.00	30.00	80.00	12.00	5.0	17.00	3.00	18.00	45.00	62.10	125.10	128.10
98	oxythioquinox	Morestan	I	44.4	-	Original	-	10.00	6.00	16.00	6.00	1.0	7.00	25.00	27.00	9.00	49.05	85.05	110.05
99	parathion	Niran, Phoskil	I	104.4	-	Original	-	87.50	52.50	140.00	7.00	1.0	8.00	25.00	30.00	45.00	65.10	140.10	165.10
100	pentachlorophenol	PCP	I	59.4	-	Original	-	50.00	30.00	80.00	18.00	1.6	19.60	18.00	13.50	9.90	37.05	60.45	78.45
101	permethrin	Ambush	I	88.7	2/01	56.4	-	10.00	10.00	20.00	8.00	1.0	9.00	25.00	12.00	75.00	125.00	212.00	237.00
102	phorate	Thimet	I	68.2	-	Original	O	25.00	15.00	40.00	9.00	1.0	10.00	25.00	45.00	27.00	57.60	129.60	154.60
103	phosalone	Zolone	I	24.4	-	Original	-	25.00	5.00	30.00	1.67	2.0	3.63	16.10	3.00	3.00	17.35	23.35	39.45
104	phosmet	Imidan	I	23.9	-	Original	-	10.00	2.00	12.00	2.00	1.0	3.00	15.00	9.00	15.00	17.70	41.70	56.70
105	phosphamidon	Swat	I	26.3	-	Original	-	15.00	3.00	18.00	3.00	5.0	8.00	3.00	15.00	15.00	19.90	49.90	52.90
106	piperonyl butoxide	Butacide	I	20.8	-	Original	L,R,t	25.00	5.00	30.00	1.67	2.0	3.67	3.20	9.00	3.00	13.50	25.50	28.70
107	pirimicarb	Pirimor	I	16.7	1/03	30.5	E,T,M,C,S,R,L	5.00	1.00	6.00	3.00	5	8.00	1.00	15.00	3.00	17.00	35.00	36.00
108	propargite	Omite	I	42.7	-	Original	O	25.00	15.00	40.00	5.00	1.0	6.00	25.00	9.00	9.00	39.15	57.15	82.15
109	propoxur	Baygon	I	87.3	-	Original	R	45.00	27.00	72.00	12.00	1.0	13.00	16.00	60.00	45.00	55.80	160.80	176.80
110	pymetrozine	Fulfill, Sterling	I	17.1	1/03	14.1	None	7.50	1.50	9.00	13.50	1.0	14.50	5.00	9.00	3.00	10.70	22.70	27.70
111	pyrethrin	Pyronone	I	18.0	-	Original	O,R,L	5.00	1.00	6.00	1.00	2.0	3.00	16.00	9.00	3.00	16.95	28.95	44.95
112	pyridaben	Pyramite, Posieden	I	25.8	1/07	25.8	None	10.00	2.00	12.00	2.00	1.0	3.00	25.00	3.00	15.00	19.30	37.30	62.30

113	resmethrin	Resmethrin	I	33.6	-	Original	None	5.00	1.90	6.90	2.10	2.0	4.10	16.00	6.30	28.50	39.14	73.94	89.94
114	rotenone	Chem Fish	I	33.0	-	Original	R	45.00	9.00	54.00	3.00	1.0	4.00	16.00	3.00	3.00	19.00	25.00	41.00
115	ryania	Ryania	I	55.3	-	Original	E,T,M,O,Z,S,R,L	28.50	17.10	45.60	5.04	2.0	7.04	9.60	39.75	29.70	34.20	103.65	113.25
116	sabadilla	Red Devil	I	35.6	-	Original	E,T,M,O,F,D,S,P,R,I	28.50	10.83	39.33	3.99	2.0	5.99	12.48	20.79	5.70	22.61	49.10	61.58
117	soap	M-Pede	I	19.5	-	Original	E,T,M,O,F,D,B,S,R,I	9.50	1.90	11.40	3.14	2.0	5.14	12.48	16.34	3.00	10.00	29.34	41.82
118	spinosad	SpinTor,Tracer	I	17.7	12/00	Original	None	5.00	1.00	6.00	1.00	1	2.00	15.00	3.00	15.00	12.15	30.15	45.15
119	tebufenozide	Confirm	I	17.8	1/03	New	None	5.00	1.90	6.90	2.45	1.0	3.45	15.00	7.35	5.70	14.92	27.97	42.97
120	tefluthrin	Force	I	25.3	2/01	34.7	None	5.00	1.00	6.00	1.00	1.0	2.00	25.00	3.00	15.00	25.00	43.00	68.00
121	terbufos	Counter	I	66.0	4/03	32.3	None	25.00	15.00	40.00	3.00	1.0	4.00	25.00	27.00	27.00	75.00	129.00	154.00
122	thiacloprid	Calypto	I	31.33	4/04	New	None	10.00	6.00	16.00	12.00	1.0	13.00	5.00	6.00	9.00	45.00	60.00	65.00
123	thiamethoxam	Actara	I	33.3	11/01	New	P	7.50	2.85	10.35	11.03	3	14.03	3.00	7.35	28.50	36.67	72.52	75.52
124	thiodicarb	Larvin	I	23.3	4/01	14.7	None	15.00	3.00	18.00	3.00	3	6.00	9.00	3.00	9.00	25.00	37.00	46.00
125	tralomethrin	Saga	I	26.7	1/03	New	None	5.00	1.00	6.00	2.00	1.0	3.00	25.00	6.00	15.00	25.00	46.00	71.00
126	trichlorfon	Dylox	I	14.8	1/03	31.2	None	12.50	2.50	15.00	2.50	5.0	7.50	5.00	9.00	3.00	5.00	17.00	22.00
	Herbicides																		
127	1,3-dichloropropene		H	35.7	-	Original	None	65.00	13.00	78.00	4.33	3.0	7.33	3.00	3.00	3.30	12.35	18.65	21.65
128	2,4-D butoxyethyl ester	Weedone	H	17.33	4/04	56.3	None	5.00	3.00	8.00	2.00	1	3.00	5.00	6.00	9.00	21.00	36.00	41.00
129	2,4-D butyl ester		H	26.2	-	Original	None	18.33	11.00	29.33	7.33	1.0	8.33	9.00	6.00	9.00	16.95	31.95	40.95
130	2,4-D dichlorophenoxyacetic acid	2,4-D	H	18.67	4/04	56.3	None	5.00	3.00	8.00	3.00	5.0	8.00	1.00	9.00	9.00	21.00	39.00	40.00
131	2,4-D dimethylamine	Dacamine	H	22.67	4/04	56.3	None	15.00	9.00	24.00	2.00	5.0	7.00	1.00	6.00	9.00	21.00	36.00	37.00
132	2,4-D ethyl ester		H	17.33	4/04	56.3	None	5.00	3.00	8.00	2.00	1	3.00	5.00	6.00	9.00	21.00	36.00	41.00
133	2,4-DP, azin	Weedone	H	15.33	4/04	38.1	B	5.00	1.00	6.00	1.00	1	2.00	15.00	3.00	3.00	17.00	23.00	38.00
134	acifluorfen	Blazer	H	47.50	4/04	34.5	P,B	37.50	22.50	60.00	7.50	5.0	12.50	1.00	9.00	9.00	51.00	69.00	70.00
135	alachlor	Lasso	H	18.3	12/00	21.3	None	12.50	2.50	15.00	5.00	3.0	8.00	9.00	6.00	0.00	17.00	23.00	32.00
136	allidochlor	Randox	H	29.0	-	Original	None	15.00	6.36	21.36	2.46	3.1	5.55	10.29	7.38	6.36	35.93	49.67	59.96
137	amino triazole	Weedkiller 90	H	63.0	-	Original	None	67.50	40.50	108.00	9.00	3.0	12.00	3.00	6.00	9.00	50.85	65.85	68.85
138	amitrole	Amitrole	H	18.67	4/04	19.0	None	10.00	6.00	16.00	4.00	5.0	9.00	1.00	6.00	9.00	15.00	30.00	31.00
139	ammonium sulfamate	Ammate	H	38.3	-	Original	T	15.00	9.00	24.00	3.00	5.0	8.00	5.00	9.00	9.00	60.00	78.00	83.00
140	asulam	Asulox, Asulam	H	18.7	3/03	New	None	10.00	6.00	16.00	4.00	5.0	9.00	1.00	6.00	9.00	15.00	30.00	31.00
141	atrazine	Atrazine	H	22.9	3/03	33.2	B	5.00	3.00	8.00	4.00	3.0	7.00	9.00	12.00	9.00	23.55	44.55	53.55
142	benefin	Balance, Benefex	H	16.00	4/04	32.3	None	5.00	1.00	6.00	2.00	1.0	3.00	25.00	6.00	3.00	5.00	14.00	39.00
143	bensulide	Prefar	H	26.0	3/03	26.5	None	5.00	1.00	6.00	3.00	1.0	4.00	25.00	9.00	15.00	19.00	43.00	68.00
144	bentazon	Basagran 4S	H	20.3	3/03	38.7	E,M,B	10.00	6.00	16.00	6.00	5.0	11.00	1.00	9.00	9.00	15.00	33.00	34.00
145	bromacil	Hyvar	H	20.0	3/03	25.7	None	7.50	4.50	12.00	6.00	5.0	11.00	1.00	12.00	9.00	15.00	36.00	37.00
146	bromoxynil	Brominex, Buctril	H	20.0	4/03	23.0	None	10.00	6.00	16.00	4.00	5.0	9.00	5.00	6.00	9.00	15.00	30.00	35.00
147	butroxydim	Falcon	H	18.00	4/04	New	None	5.00	3.00	8.00	2.00	5.0	7.00	9.00	6.00	9.00	15.00	30.00	39.00
148	butylate	Butylate	H	8.7	3/03	15.2	None	5.00	1.00	6.00	1.00	5	6.00	3.00	3.00	3.00	5.00	11.00	14.00
149	carfentrazone	AIM	H	21.5	1/01	30.7	None	5.00	3.00	8.00	2.00	1.0	3.00	15.00	6.00	9.00	23.55	38.55	53.55
150	chloramben	Amiben	H	15.7	-	Original	R,B	12.50	2.50	15.00	2.50	3.0	5.50	3.60	3.00	3.00	17.00	23.00	26.60
151	chlorimuron-ethyl	Classic	H	28.00	4/04	31.1	B	5.00	3.00	8.00	2.00	5.0	7.00	3.00	6.00	9.00	51.00	66.00	69.00
152	chloroxuron	Tenoran	H	39.0	-	Original	None	11.20	6.72	17.92	6.50	3.1	9.59	3.43	26.10	9.00	50.85	85.95	89.38
153	chlorpropham	Taterpex	H	19.3	-	Original	None	10.00	2.00	12.00	4.00	1.0	5.00	15.00	6.00	3.00	16.95	25.95	40.95
154	chlorsulfuron	Glean	H	9.33	4/04	New	None	5.00	1.00	6.00	2.00	5.0	7.00	1.00	6.00	3.00	5.00	14.00	15.00
155	clethodim	Select	H	17.0	12/00	17	None	7.50	4.50	12.00	3.00	5	8.00	1.00	6.00	9.00	15.00	30.00	31.00
156	clodinafop-propargyl		H	25.33	4/04	New	None	10.00	6.00	16.00	4.00	1.0	5.00	25.00	6.00	9.00	15.00	30.00	55.00
157	clomazone	Command	H	11.7	12/00	12.0	Z	5.00	1.00	6.00	2.00	3	5.00	3.00	6.00	3.30	11.65	20.95	23.95
158	clopyralid	Stinger	H	18.1	3/03	New	None	5.00	3.00	8.00	3.00	5	8.00	1.00	9.00	9.00	19.35	37.35	38.35
159	cloquintocet-mexyl		H	15.33	4/04	New	None	5.00	3.00	8.00	2.00	1.0	3.00	5.00	6.00	9.00	15.00	30.00	35.00
160	cloransulam-methyl	FirstRate	H	15.3	1/03	New	None	5.00	3.00	8.00	2.00	3.0	5.00	3.00	6.00	9.00	15.00	30.00	33.00
161	cyanazine	Bladex	H	19.8	-	Original	B	21.67	4.33	26.00	4.33	3.0	7.33	3.00	3.00	3.00	17.00	23.00	26.00
162	cycloate	Ro-Neet	H	15.3	-	Original	E,T,O,Z,B	5.00	1.00	6.00	2.00	3.0	5.00	9.00	6.00	3.03	17.00	26.03	35.03
163	cyhalofop-butyl	Clincher	H	34.00	4/04	New	B	5.00	3.00	8.00	2.00	1.0	3.00	25.00	6.00	9.00	51.00	66.00	91.00
164	dalapon	Dalapon	H	37.5	-	Original	None	22.50	13.50	36.00	3.00	5.0	8.00	1.00	6.00	9.00	52.50	67.50	68.50
165	DCPA	Dacthal	H	15.43	4/04	34.0	None	7.50	1.50	9.00	3.00	1.0	4.00	15.00	6.00	3.00	9.30	18.30	33.30
166	desmedipham	Betanex	H	21.7	12/00	30.3	None	7.50	4.50	12.00	3.00	1.0	4.00	9.00	6.00	9.00	25.05	40.05	49.05
167	dicamba, sodium	Dicamba, Clarity	H	28.0	3/03	30.0	None	10.00	6.00	16.00	4.00	5.0	9.00	5.00	30.00	9.00	15.00	54.00	59.00
168	dichlobenil	Casoron	H	20.8	4/03	18.0	M,B	7.50	4.50	12.00	6.00	1.0	7.00	3.00	12.00	9.00	19.35	40.35	43.35
169	dichlorprop	Weedone	H	13.8	3/03	38.1	B	5.00	1.00	6.00	1.00	1	2.00	15.00	3.00	3.00	12.50	18.50	33.50
170	diclofop-methyl	Hoelon	H	29.0	-	Original	None	15.00	9.00	24.00	2.00	1.0	3.00	9.00	6.00	9.00	36.00	51.00	60.00
171	diclosulam	Strongarm	H	13.3	1/01	New	B	5.00	1.00	6.00	2.00	3	5.00	3.00	6.00	3.00	17.00	26.00	29.00

172	diethatyl-ethyl	Antor	H	14.7	-	Original	O,B	5.00	1.00	6.00	2.00	1.0	3.00	9.00	6.00	3.00	17.00	26.00	35.00
173	difenzoquat	Avenge	H	30.8	-	Original	None	5.00	3.00	8.00	3.00	1.0	4.00	5.00	9.00	9.00	57.45	75.45	80.45
174	diflufenzopyr	Distinct	H	17.5	1/01	New	None	5.00	3.00	8.00	2.00	3	5.00	1.00	6.00	9.00	23.55	38.55	39.55
175	dimethenamid	Frontier	H	14.0	12/00	New	None	7.50	1.50	9.00	1.50	3	4.50	9.00	3.00	3.00	13.55	19.55	28.55
176	dinoseb	Dinoseb	H	47.0	-	Original	None	75.00	15.00	90.00	3.00	3.0	6.00	15.00	9.00	3.00	17.85	29.85	44.85
177	diphenamid	Diphenamid	H	20.7	12/00	20.7	B	15.00	3.00	18.00	3.00	3.0	6.00	9.00	9.00	3.00	17.00	29.00	38.00
178	diquat	Diquat	H	31.7	-	Original	None	30.00	6.00	36.00	6.00	1.0	7.00	5.00	27.00	3.00	17.00	47.00	52.00
179	dithiopyr	Dimension	H	22.0	1/03	New	None	5.00	3.00	8.00	2.00	1.0	3.00	25.00	6.00	9.00	15.00	30.00	55.00
180	diuron	Karmex	H	20.5	-	Original	None	12.50	2.50	15.00	7.50	3.0	10.50	15.00	9.00	3.00	9.00	21.00	36.00
181	EPTC	Eptam	H	9.4	4/03	13.3	E,T,M,B	5.00	1.00	6.00	1.00	3.0	4.00	3.00	3.00	3.00	9.30	15.30	18.30
182	ethalfuralin	Curbit, Sonolan	H	23.3	12/00	30.7	E,M,B	12.50	2.50	15.00	5.00	1	6.00	25.00	6.00	3.00	15.00	24.00	49.00
183	ethametsulfuron-methyl		H	28.67	4/04	New	B	5.00	3.00	8.00	3.00	3.0	6.00	3.00	9.00	9.00	51.00	69.00	72.00
184	ethofumesate	Nortron	H	30.0	3/03	New	C, B	11.00	6.60	17.60	8.80	1.0	9.80	5.00	12.00	9.00	36.45	57.45	62.45
185	fenoxaprop ethyl	Excel	H	23.7	1/03	New	None	7.50	4.50	12.00	3.00	1.0	4.00	25.00	6.00	9.00	15.00	30.00	55.00
186	fluzifop-butyl	Fusilade	H	44.0	-	Original	E,M,O,B	25.00	15.00	40.00	10.00	1.0	11.00	15.00	6.00	9.00	51.00	66.00	81.00
187	flufenacet	Axiom	H	11.33	4/04	New	None	5.00	1.00	6.00	2.00	3.0	5.00	9.00	6.00	3.00	5.00	14.00	23.00
188	flumioxazin	Valor	H	28.67	4/04	New	B	10.00	6.00	16.00	4.00	0.0	4.00	0.00	6.00	9.00	51.00	66.00	66.00
189	fluroxypyr	Starane	H	13.33	4/04	New	B	5.00	1.00	6.00	2.00	3.0	5.00	3.00	6.00	3.00	17.00	26.00	29.00
190	fluthiacet-methyl	Action	H	23.67	4/04	New	None	7.50	4.50	12.00	3.00	1.0	4.00	25.00	6.00	9.00	15.00	30.00	55.00
191	fomesafen	Reflex	H	45.3	-	Original	None	30.00	18.00	48.00	8.00	5.0	13.00	3.00	12.00	9.00	50.85	71.85	74.85
192	foramsulfuron	Option	H	27.33	4/04	New	B	5.00	3.00	8.00	2.00	5.0	7.00	1.00	6.00	9.00	51.00	66.00	67.00
193	glufosinate-ammonium	Rely	H	28.25	4/04	12.4	B	7.50	4.50	12.00	2.25	5.0	7.25	1.00	4.50	9.00	51.00	64.50	65.50
194	glyphosate	Roundup	H	15.3	4/03	32.4	None	5.00	3.00	8.00	2.00	3	5.00	3.00	6.00	9.00	15.00	30.00	33.00
195	halosulfuron methyl	Sandea, Permit, Manage	H	17.0	12/02	New	None	7.50	4.50	12.00	3.00	3.0	6.00	3.00	6.00	9.00	15.00	30.00	33.00
196	hexazinone	Yelpar	H	18.00	4/04	New	None	5.00	3.00	8.00	4.00	5.0	9.00	1.00	12.00	9.00	15.00	36.00	37.00
197	imazamox	Raptor	H	19.5	1/03	New	B,P	5.00	3.00	8.00	3.00	5.0	8.00	1.00	9.00	9.00	23.55	41.55	42.55
198	imazapic, imazameth	Cadre, Flame	H	30.00	4/04	New	B	5.00	3.00	8.00	4.00	5	9.00	1.00	12.00	9.00	51.00	72.00	73.00
199	imazapyr	Arsenal	H	18.00	4/04	18.7	None	5.00	3.00	8.00	4.00	1.0	5.00	5.00	12.00	9.00	15.00	36.00	41.00
200	imazethapyr	Pursuit	H	27.3	-	Original	None	5.00	3.00	8.00	2.00	5.0	7.00	1.00	6.00	9.00	50.85	65.85	66.85
201	isoxaflutole	Balance	H	22.67	4/04	15.8	None	15.00	9.00	24.00	6.00	5.0	11.00	3.00	6.00	9.00	15.00	30.00	33.00
202	linuron	Lorox	H	40.3	-	Original	B	10.00	6.00	16.00	6.00	3.0	9.00	9.00	27.00	9.00	51.00	87.00	96.00
203	MCPA	Bronate	H	36.7	-	Original	B	20.00	12.00	32.00	8.00	1.0	9.00	3.00	6.00	9.00	51.00	66.00	69.00
204	MCPA/B	Thistrol	H	18.3	-	Original	None	12.50	2.50	15.00	7.50	5.0	12.50	3.00	9.00	3.00	12.35	24.35	27.35
205	mecoprop	Mecoprop	H	21.00	4/04	31.7	None	7.50	4.50	12.00	3.00	5.0	8.00	1.00	18.00	9.00	15.00	42.00	43.00
206	mesosulfuron-methyl	Atlantis	H	27.67	4/04	New	None	5.00	3.00	8.00	3.00	5.0	8.00	1.00	9.00	27.00	30.00	66.00	67.00
207	mesotrione	Callisto	H	18.00	4/04	New	None	10.00	6.00	16.00	4.00	1.0	5.00	3.00	6.00	9.00	15.00	30.00	33.00
208	metolachlor	Dual	H	22.0	1/03	18.0	B	7.50	4.50	12.00	6.00	3.0	9.00	9.00	12.00	9.00	15.00	36.00	45.00
209	metosulam	Eclipse	H	20.33	4/04	New	None	5.00	3.00	8.00	2.00	3.0	5.00	3.00	6.00	9.00	30.00	45.00	48.00
210	metribuzin	Sencor, Lexone	H	28.4	4/03	35.3	B	5.00	3.00	8.00	3.00	5.0	8.00	1.00	27.00	9.00	32.10	68.10	69.10
211	metsulfuron-methyl	Ally, Escort	H	16.67	4/04	New	None	5.00	3.00	8.00	3.00	5.0	8.00	1.00	9.00	9.00	15.00	33.00	34.00
212	MSMA-methanearsonate		H	18.0	1/03	New	None	5.00	3.00	8.00	4.00	1.0	5.00	5.00	12.00	9.00	15.00	36.00	41.00
213	napropamide	Devrinol	H	12.6	4/03	18.0	E,T,M,O,D	7.50	1.50	9.00	3.00	1.0	4.00	5.00	6.00	3.00	10.70	19.70	24.70
214	naptalam, acid	Alanap	H	16.3	12/00	38.6	B	15.00	3.00	18.00	1.50	5	6.50	3.00	1.50	3.00	17.00	21.50	24.50
215	nicosulfuron	Accent	H	18.9	12/00	29.9	B	5.00	3.00	8.00	3.00	3.0	6.00	1.00	9.00	9.00	23.55	41.55	42.55
216	norflurazon	Solicam	H	18.8	-	Original	B	7.50	1.50	9.00	4.50	5.0	9.50	9.00	9.00	3.03	17.00	29.03	38.03
217	oryzalin	Surflan	H	19.4	4/03	17.7	B	7.50	1.50	9.00	3.00	1.0	4.00	15.00	18.00	3.00	9.30	30.30	45.30
218	oxadiargyl	Topstar, Raft	H	11.33	4/04	New	None	5.00	1.00	6.00	1.00	1.0	2.00	15.00	3.00	3.00	5.00	11.00	26.00
219	oxadiazon	Ronstar	H	26.7	1/03	New	None	15.00	9.00	24.00	12.00	5.0	17.00	3.00	12.00	9.00	15.00	36.00	39.00
220	oxyfluorfen	Goal	H	33.8	4/03	46.8	None	7.50	4.50	12.00	6.00	1	7.00	25.00	12.00	9.00	36.45	57.45	82.45
221	paraquat	Gramaxone	H	31.0	12/02	70.0	B	5.00	3.00	8.00	4.00	1.0	5.00	15.00	36.00	9.00	19.95	64.95	79.95
222	pebulate	Tillam	H	16.0	-	Original	None	11.20	2.24	13.44	2.24	3.0	5.24	6.36	3.00	3.00	16.95	22.95	29.31
223	pendimethalin	Prowl	H	29.7	2/01	25.8	F,D	5.00	3.00	8.00	4.00	1.0	5.00	25.00	12.00	9.00	30.00	51.00	76.00
224	phenmediphan	Spin-aid	H	30.2	-	Original	E,B	7.50	4.50	12.00	4.50	1.0	5.50	10.50	13.50	9.00	40.05	62.55	73.05
225	picloram	Pathway	H	20.0	2/01	31.8	None	7.50	4.50	12.00	6.00	5.0	11.00	1.00	12.00	9.00	15.00	36.00	37.00
226	picloram	Pathway	H	18.00	4/04	31.8	None	5.00	3.00	8.00	4.00	5.0	9.00	1.00	12.00	9.00	15.00	36.00	37.00
227	primisulfuron-methyl	Beacon	H	27.33	4/04	New	B	5.00	3.00	8.00	2.00	5.0	7.00	1.00	6.00	9.00	51.00	66.00	67.00
228	prodiamine	Barricade	H	16.17	4/04	New	B	7.50	1.50	9.00	4.50	1.0	5.50	5.00	9.00	3.00	17.00	29.00	34.00
229	prometon	Pramitol	H	34.0	-	Original	None	11.05	4.64	15.69	23.54	5.0	28.54	5.00	10.65	6.36	35.70	52.71	57.71
230	pronamide	Kerb	H	36.0	-	Original	T,B	15.00	9.00	24.00	9.00	1.0	10.00	5.00	9.00	9.00	51.00	69.00	74.00
231	propanil	Strel	H	28.3	-	Original	None	7.50	4.50	12.00	3.00	1.0	4.00	3.00	6.00	9.00	50.85	65.85	68.85

232	propazine	Milogard	H	17.7	12/00	38.7	E,T,M,D,Z	10.00	2.00	12.00	6.00	1.0	7.00	5.00	9.00	3.00	17.00	29.00	34.00
233	prosofuron	Peak	H	30.5	12/00	New	B	7.50	4.50	12.00	4.50	5	9.50	1.00	9.00	9.00	51.00	69.00	70.00
234	pryazon	Pyramin	H	16.0	-	Original	M,O,B,R,L	5.00	1.00	6.00	2.00	5.0	7.00	3.00	9.00	3.03	20.00	32.03	35.03
235	pyraflufen-ethyl	Ecopart	H	24.50	4/04	New	None	10.00	6.00	16.00	3.00	1.0	4.00	25.00	4.50	9.00	15.00	28.50	53.50
236	pyridate	Lentagran	H	29.3	-	Original	None	5.00	3.00	8.00	2.00	1.0	3.00	10.80	6.00	9.00	51.00	66.00	76.80
237	pyrithiobac-sodium	Staple	H	30.50	4/04	New	B	7.50	4.50	12.00	4.50	5.0	9.50	1.00	9.00	9.00	51.00	69.00	70.00
238	quizalofop-P-ethyl	Assure	H	51.7	-	Original	None	11.00	6.60	17.60	6.60	1.0	7.60	25.00	9.00	45.00	50.85	104.85	129.85
239	rimisulfuron	Matrix	H	15.8	12/00	26.3	Z	5.00	3.00	8.00	2.00	1.0	3.00	1.00	6.00	9.90	19.35	35.25	36.25
240	sethoxydim	Poast	H	27.5	-	Original	None	5.00	3.00	8.00	2.00	2.9	4.93	3.60	6.00	9.00	51.00	66.00	69.60
241	siduron	Tupersan	H	16.3	1/03	New	B	7.50	1.50	9.00	4.50	1.0	5.50	5.00	9.00	3.30	17.00	29.30	34.30
242	simizine	Princep	H	15.7	-	Original	None	10.00	2.00	12.00	4.00	5.0	9.00	3.00	6.00	3.00	14.15	23.15	26.15
243	sulfentrazone	Authority	H	14.67	4/04	New	B	5.00	1.00	6.00	3.00	5.0	8.00	1.00	9.00	3.00	17.00	29.00	30.00
244	sulfometuron-methyl	Oust	H	28.67	4/04	New	B	5.00	3.00	8.00	3.00	3.0	6.00	3.00	9.00	9.00	51.00	69.00	72.00
245	sulfosate	Touchdown	H	26.7	4/01	New	B	5.00	3.00	8.00	3.00	3.0	6.00	3.00	9.00	9.00	45.00	63.00	66.00
246	sulfosulfuron	Monitor, Maverick	H	20.33	4/04	New	None	10.00	6.00	16.00	6.00	5.0	11.00	1.00	9.00	9.00	15.00	33.00	34.00
247	tebuthiuron	Spike	H	30.0	4/03	30.9	B	5.00	3.00	8.00	4.00	5.0	9.00	1.00	12.00	9.00	51.00	72.00	73.00
248	tepraloxymid	Aramo	H	20.33	4/04	New	None	5.00	3.00	8.00	2.00	5.0	7.00	1.00	6.00	9.00	30.00	45.00	46.00
249	terbacil	Sinbar	H	16.8	-	Original	None	10.00	2.00	12.00	6.00	5.0	11.00	3.00	9.00	3.00	12.50	24.50	27.50
250	thiazopyr	Mandate, Visor	H	18.00	4/04	New	B	7.50	1.50	9.00	3.00	1.0	4.00	15.00	6.00	3.00	17.00	26.00	41.00
251	tralkoxydim	Achieve, Grasp, Splendor	H	22.0	1/03	New	None	10.00	6.00	16.00	4.00	1.0	5.00	15.00	6.00	9.00	15.00	30.00	45.00
252	trebuthiuron	Trebuthiuron	H	15.3	-	Original	None	5.00	1.00	6.00	3.00	5.0	8.00	3.00	9.00	3.00	16.95	28.95	31.95
253	triallate	FarGo	H	18.0	-	Original	None	7.50	1.50	9.00	3.00	1.0	4.00	15.00	6.00	3.00	16.95	25.95	40.95
254	tribenuron-methyl	Express	H	15.00	4/04	New	None	7.50	4.50	12.00	3.00	0.0	3.00	0.00	6.00	9.00	15.00	30.00	30.00
255	triclopyr	Garlon	H	9.0	1/03	31.2	None	0.00	0.00	0.00	2.00	3.0	5.00	3.00	6.00	3.00	10.00	19.00	22.00
256	trifluralin	Treflan	H	18.8	4/03	26.8	None	7.50	1.50	9.00	4.50	1.0	5.50	25.00	9.00	3.00	5.00	17.00	42.00
	Fungicides																		
257	anilazine	Dyrene	F	26.7	-	Original	B,P	10.00	6.20	16.20	4.10	1.0	5.10	5.00	6.15	9.30	38.29	53.74	58.74
258	azoxystrobin	Quadris, Abound, Heritage	F	15.2	12/00	New	None	5.00	1.00	6.00	2.00	3	5.00	15.00	6.00	3.00	10.70	19.70	34.70
259	bacillus licheniformis Strain SB3	Ecogard	F	6.67	4/04	New	None	5.00	1.00	6.00	1.00	1.0	2.00	1.00	3.00	3.00	5.00	11.00	12.00
260	benomyl	Benlate	F	52.6	2/01	69.5	None	12.50	12.50	25.00	37.50	1.0	38.50	25.00	15.00	15.00	39.25	69.25	94.25
261	boscalid	Endura, Pristine	F	43.67	4/04	New	B	7.50	7.50	15.00	7.50	1.0	8.50	15.00	15.00	15.00	62.50	92.50	107.50
262	captafol	Captafol	F	17.3	-	Original	None	12.00	2.40	14.40	1.50	1.6	3.10	18.10	3.00	3.00	10.20	16.20	34.30
263	captan	Captan	F	15.8	1/03	28.6	None	10.00	2.00	12.00	2.00	3.0	5.00	15.00	3.00	3.00	9.30	15.30	30.30
264	carbendazim		F	56.17	4/04	New	B	10.00	10.00	20.00	30.00	1.0	31.00	25.00	15.00	15.00	62.50	92.50	117.50
265	carboxin	Vitavax	F	20.0	-	Original	None	7.50	1.50	9.00	4.50	1.0	5.50	15.00	15.00	3.00	12.35	30.35	45.35
266	chlorothalonil	Bravo	F	40.1	3/01	46.0	B	10.00	10.00	20.00	8.00	1.0	9.00	25.00	12.00	15.00	39.25	66.25	91.25
267	copper hydroxide	Kocide	F	33.3	-	Original	None	7.50	4.65	12.15	4.05	1.0	5.05	10.80	24.30	9.30	38.29	71.89	82.69
268	copper sulfate	copper	F	47.8	-	Original	P,R	67.50	13.50	81.00	13.50	1.0	14.50	25.00	9.00	3.00	10.85	22.85	47.85
269	copper sulfate+lime	Bordeaux	F	67.7	-	Original	None	67.50	40.50	108.00	18.00	1.0	19.00	25.00	12.00	9.00	30.00	51.00	76.00
270	cymoxanil	Curzate	F	8.7	1/01	14	None	5.00	1.00	6.00	3.00	3	6.00	3.00	3.00	3.00	5.00	11.00	14.00
271	cyproconazole	Sentinel, Alto	F	36.63	4/04	New	P	12.50	7.75	20.25	22.88	5.0	27.88	1.00	27.45	9.30	24.03	60.78	61.78
272	cyprodinil	Vanguard, Switch	F	21.9	12/00	28.1	P	5.00	3.10	8.10	3.05	1.0	4.05	15.00	9.15	9.30	20.00	38.45	53.45
273	di-potassium phosphite	Phosguard	F	7.33	4/04	New	None	5.00	1.00	6.00	3.00	1.0	4.00	1.00	3.00	3.00	5.00	11.00	12.00
274	dichloran	Botran	F	35.9	-	Original	B,S,P,R	15.00	9.30	24.30	6.15	1.0	7.15	25.00	9.23	9.30	32.86	51.39	76.39
275	difenoconazole	Dividend, Score	F	48.67	4/04	30.8	B	7.50	7.50	15.00	22.50	1.0	23.50	15.00	15.00	15.00	62.50	92.50	107.50
276	dimethomorph	Acrobat	F	24.0	1/01	25.6	P	5.00	3.10	8.10	9.15	3.0	12.15	9.00	9.15	9.30	24.34	42.79	51.79
277	dodine	Syllit	F	22.00	4/04	34.9	None	5.00	3.00	8.00	2.00	1.0	3.00	25.00	6.00	9.00	15.00	30.00	55.00
278	ethylenethiourea		F	15.43	4/04		None	15.00	3.00	18.00	3.00	5.0	8.00	5.00	3.00	3.00	9.30	15.30	20.30
279	etridiazole	Terrazole	F	32.8	1/03	38.3	B, Z	15.00	9.00	24.00	6.00	1.0	7.00	15.00	6.00	9.00	37.50	52.50	67.50
280	famoxadone	Famoxate	F	11.77	4/04	New	B,Z	7.50	1.50	9.00	1.50	1.0	2.50	5.00	3.00	3.30	12.50	18.80	23.80
281	fenarimol	Rubigan	F	22.4	1/03	27.3	None	10.00	2.00	12.00	18.00	1.0	19.00	15.00	9.00	3.00	9.30	21.30	36.30
282	fenhexamid	Elevate	F	11.7	1/03	New	None	5.00	1.00	6.00	1.00	1.0	2.00	9.00	3.00	3.00	12.15	18.15	27.15
283	ferbam	Carbamate	F	28.8	-	Original	D	5.00	3.00	8.00	4.00	1.0	5.00	3.60	12.00	9.00	48.90	69.90	73.50
284	fluazinam	Omega	F	23.3	1/03	New	None	5.00	3.00	8.00	3.00	1.0	4.00	25.00	9.00	9.00	15.00	33.00	58.00
285	fludioxanil	Maxim	F	26.12	4/04	34.1	None	5.00	3.00	8.00	4.00	1.0	5.00	25.00	12.00	9.00	19.35	40.35	65.35
286	flusilazol	Nustar	F	32.9	-	Original	F,D,B,S,P,R,L	5.00	3.00	8.00	7.95	1.0	8.95	18.00	39.75	9.00	15.00	63.75	81.75
287	flutolanil	Prostar, Moncoet	F	24.4	1/03	New	None	5.00	3.10	8.10	12.15	1.0	13.15	15.00	12.15	9.30	15.50	36.95	51.95
288	folpet	Phaltan	F	22.2	-	Original	P,R,L	5.00	3.10	8.10	4.05	1.6	5.65	10.80	12.15	9.30	20.62	42.07	52.87
289	fosetyl-Al	Aliette	F	11.3	2/01	13.7	None	5.00	1.00	6.00	1.00	5.0	6.00	1.00	3.00	3.00	15.00	21.00	22.00
290	imazail	Deccozil	F	26.0	1/03	15.2	B	12.50	2.50	15.00	22.50	1.0	23.50	15.00	9.00	3.00	12.50	24.50	39.50

291	iprodione	Rovral, Chipco	F	11.0	12/00	26.6	E,B,P	7.50	1.50	9.00	1.50	1.0	2.50	9.00	3.00	3.00	6.45	12.45	21.45
292	kresoxim-methyl	Sovran	F	11.7	1/03	New	None	7.50	1.50	9.00	1.50	3.0	4.50	5.00	3.00	3.00	10.70	16.70	21.70
293	mancozeb	Manzate	F	14.6	1/03	62.3	None	10.00	2.00	12.00	2.00	1.0	3.00	15.00	3.00	3.00	7.85	13.85	28.85
294	maneb	maneb	F	21.4	1/03	64.1	None	17.50	3.50	21.00	7.00	3.0	10.00	15.00	6.00	3.00	9.30	18.30	33.30
295	maneb + dinocap	Dikar	F	46.5	-	Original	P	20.00	12.40	32.40	12.20	1.0	13.20	20.00	9.15	9.30	55.49	73.94	93.94
296	mefanoxam (metalaxyl-M)	Ridomil, Apron	F	29.40	4/04	29.2	P	5.00	3.10	8.10	9.15	3.0	12.15	3.00	9.15	9.30	46.50	64.95	67.95
297	metiram	Polyram	F	40.0	2/01	55.9	E,M	17.50	10.85	28.35	10.68	1.0	11.68	15.00	9.15	9.30	46.50	64.95	79.95
298	mono-potassium phosphite	Phosguard	F	7.33	4/04	New	None	5.00	1.00	6.00	3.00	1.0	4.00	1.00	3.00	3.00	5.00	11.00	12.00
299	myclobutanil	Nova	F	33.0	12/00	41.2	P	7.50	4.65	12.15	13.73	3.0	16.73	9.00	27.45	9.30	24.34	61.09	70.09
300	PCNB, quintozine	Terraclor, Blocker	F	35.0	1/03	21.8	Z	10.00	6.20	16.20	8.10	1.0	9.10	25.00	12.15	9.30	33.17	54.62	79.62
301	pencycuron	Monceren	F	22.78	4/04	New	P,B	5.00	3.10	8.10	3.05	0.0	3.05	0.00	9.15	9.30	38.75	57.20	57.20
302	polyoxin-D, polyoxorim	Stopit, Endorse	F	9.33	4/04	New	None	5.00	1.00	6.00	3.00	5.0	8.00	3.00	3.00	3.00	5.00	11.00	14.00
303	potassium bicarbonate	Armicarb, Kaligreen	F	8.0	12/02	New	None	5.00	1.00	6.00	1.00	1.0	2.00	5.00	3.00	3.00	5.00	11.00	16.00
304	potassium bromide		F	8.0	12/02	New	None	5.00	1.00	6.00	1.00	1.0	2.00	5.00	3.00	3.00	5.00	11.00	16.00
305	propamocarb hydrochloride	Previcur,Tatoo	F	21.5	12/00	New	P	5.00	3.10	8.10	6.15	3	9.15	3.00	6.15	9.30	28.83	44.28	47.28
306	propiconazole	Orbit, Tilt	F	27.51	4/04	26.1	P	5.00	3.10	8.10	12.15	3.0	15.15	9.00	12.15	9.30	28.83	50.28	59.28
307	pyraclostrobin	Cabrio, Headline	F	31.45	4/04	New	B, P	5.00	3.10	8.10	3.05	1.0	4.05	25.00	9.15	9.30	38.75	57.20	82.20
308	pyrimethanil	Scala	F	14.33	4/04	New	None	7.50	1.50	9.00	3.00	3.0	6.00	9.00	6.00	3.00	10.00	19.00	28.00
309	quinoxifen	Quintec	F	32.00	4/04	New	None	5.00	5.00	10.00	5.00	1.0	6.00	25.00	15.00	15.00	25.00	55.00	80.00
310	sulfur	Sulfur	F	45.5	-	Original	R	5.00	5.00	10.00	5.00	1.0	6.00	3.60	15.00	15.00	87.00	117.00	120.60
311	tebuconazole	Folicur	F	40.3	2/01	New	B, P	10.00	10.00	20.00	30.00	1.0	31.00	15.00	15.00	15.00	25.00	55.00	70.00
312	terramycin	Mycoshield	F	22.2	-	Original	None	15.00	3.00	18.00	3.00	1.6	4.60	13.68	15.00	3.00	12.35	30.35	44.03
313	thiabendazole	Thiabendazole, Mertect	F	35.5	12/00	35.5	B, P	5.00	3.10	8.10	12.15	1.0	13.15	25.00	12.15	9.30	38.75	60.20	85.20
314	thiophanate methyl	Topsin-M	F	22.42	4/04	55.1	P	10.00	6.20	16.20	4.10	1.0	5.10	15.00	6.15	9.30	15.50	30.95	45.95
315	thiram	Thiram	F	32.5	2/01	54.5	P	17.50	10.50	28.00	10.50	1.0	11.50	25.00	9.00	9.00	15.00	33.00	58.00
316	tolyfluanid	Eurapen-M, Elvaron	F	19.50	4/04	New	B	10.00	2.00	12.00	2.00	1.0	3.00	25.00	3.00	3.00	12.50	18.50	43.50
317	triadimefon	Bayleton	F	30.7	2/01	33.3	D,P	10.00	6.20	16.20	18.30	3.0	21.30	3.00	9.15	9.30	33.17	51.62	54.62
318	trifloxystrobin	Flint	F	30.9	2/01	New	P	7.50	4.65	12.15	9.23	1	10.23	25.00	6.15	9.30	29.92	45.37	70.37
319	triflumizole	Procure	F	22.2	1/03	56.6	None	12.50	2.50	15.00	7.50	1.0	8.50	25.00	3.00	3.00	12.15	18.15	43.15
320	triforine	Funginex	F	41.2	-	Original	M,B,P	15.00	9.30	24.30	24.30	1.6	25.90	13.68	12.15	9.30	38.29	59.74	73.42
321	triphenyltin hydroxide	Fentin hydroxide, Super tin	F	70.1	12/00	62.2	B,P	62.50	38.75	101.25	7.63	1.0	8.63	25.00	27.45	9.30	38.75	75.50	100.50
322	triticonazole	Real, Premis	F	13.17	4/04	New	B	5.00	1.00	6.00	3.00	3.0	6.00	3.00	9.00	3.00	12.50	24.50	27.50
323	vinclozolin	Ronilan	F	13.33	4/04	29.4	None	12.50	2.50	15.00	5.00	1.0	6.00	5.00	6.00	3.00	5.00	14.00	19.00
324	zineb	Dithane Z	F	44.0	-	Original	B,R	25.00	15.00	40.00	20.00	3.0	23.00	10.80	12.00	9.00	37.05	58.05	68.85
325	ziram	Ziram	F	25.8	2/01	87.7	None	20.00	4.00	24.00	8.00	3.0	11.00	15.00	18.00	3.00	6.45	27.45	42.45
326	zoxamide	Gavel, Zoxium	F	14.7	1/03	New	None	5.00	1.00	6.00	1.00	1.0	2.00	25.00	3.00	3.00	5.00	11.00	36.00