

Active substance	Tested concentrations [g/L]			mean % DA			area dose µg/cm² test			mean % DA vs. concentration (inverse/non-inverse)
	1	2	3	1	2	3	1	2	3	
Glyphosate	346.6	20.8	0.06	0.48	2.72	3.81	3470	210	100	inverse
Cymoxanil	47.8	0.6	0.06	0.98	7.52	27.65	480	10	0.6	inverse
Metalaxyl-M	514.3	9.8	1.06	7.61	66.58	58.5	40200	770	80	non-inverse
Dimethenamid	40	4	0.4	22.64	22.64	48.5	530	60	10	inverse
Pyraclostrobin	37.5	7.5	1.5	25.13	21.82	20.22	380	80	20	non-inverse
Picolinafen	377	0.508	0.13	0.81	2.72	10.93	3540	4.8	1.2	inverse
Profenofos	510.17	2.59	0.51	5.86	27.54	36.7	40080	210	40	inverse
Famoxadone	95	7.5	0.75	9.25	27.67	55.13	2500	190	20	inverse
Flusilazole	50	5	0.5	9.27	43.43	56.5	500	50	10	inverse
Quinmerac	100	1	0.38	1.31	0.99	0.92	1000	10	3.8	non-inverse
Fluoxastrobin	100	1.25	0.15	0.88	1.7	3.89	1	10	1.5	inverse
Myclobutanil	200	0.48	0.048	6.37	23.9	25.95	1880	4.9	0.5	inverse
Fenhexamid	500	5	0.375	0.11	1.07	6.71	5000	50	3.8	inverse
Dimethomorph	228.7	1.87	0.179	2.37	5.86	16.75	2020	20	1.8	inverse
Boscalid	107.5	1.71	0.23	0.23	1.05	3.53	1010	20	2.1	inverse
Folpet	500	7.5	1.25	0.92	17.47	14.34	5000	80	10	non-inverse
Difenoconazole	250	1.25	0.05	1.12	12.89	15.04	2350	10	0.5	inverse
Prochloraz	270	53.36	2.11	0.39	2.42	11.1	2700	530	20	inverse
Folpet	600	7.5	1.25	0.15	14.56	10.47	6000	80	10	non-inverse
Fenpropidin	371	3.66	0.953	2.47	47.88	50.93	3710	40	10	inverse
Difenoconazole	106	1.05	0.263	17.37	14.48	1.06	1060	10	2.6	non-inverse
Mandipropamid	250	0.67	0.14	0.13	0.68	1.85	2.540	10	1.4	inverse
Dimethenamid-P	200	5	1.25	4.21	14.9	16.12	2050	50	10	inverse
Glyphosate	480	28.7	2.4	0.17	0.27	0.83	4910	300	30	inverse
Pyraclostrobin	133.9	2.01	0.157	0.1	2.04	8.07	1310	20	1.7	inverse
Tetraconazole	42.3	0.42	0.04	2.67	36.74	46.02	380	4	0.4	inverse
Isopyrazam	82.64	0.76	0.2	2.99	59.01	71.38	800	10	2	inverse
Cyproconazole	104.83	0.95	0.25	0.74	17.66	39.78	100	10	2.5	inverse
Azoxystrobin	104.83	1	0.24	0.37	4.82	6.35	100	10	2.5	inverse
Prosulfocarb	620	25	8.4	8.18	34.54	46.2	6200	250	80	inverse
Fluxapyroxad	62.5	0.833	0.278	0.96	2.87	4.04	630	10	2.8	inverse
Metconazole	45	0.6	0.2	0.57	13.41	21.61	420	10	1.9	inverse
Fluxapyroxad	287	19	1.84	0.74	0.4	1.04	2690	180	20	non-inverse
Fenamidone	75	1	0.375	0.4	2.13	1.18	750	10	3.8	non-inverse
Propamocarb HCl	375	5	0.75	0.37	5.93	6.99	3750	50	10	inverse
Cyproconazole	125.73	1.31	0.34	0.09	5.4	5.56	1230	10	3.3	inverse
Isopyrazam	83.48	0.62	0.18	0.27	12.7	23.32	840	10	2.1	inverse
Imidacloprid	700	2	0.07	0.1	0.49	6.94	3600	150	20	inverse
Fluxapyroxad	75	1.12	0.2	0.26	8.22	9.5	760	10	1.9	inverse
Pyraclostrobin	150	2.24	0.375	0.31	8.9	9.83	1410	20	4.1	inverse
Isopyrazam	125	0.83	0.125	0.11	17.52	21.22	1320	10	1.2	inverse
Azoxystrobin	200	1.3	0.2	0.1	5.38	16.02	2050	10	2.1	inverse
Cymoxanil	225	0.375	0.094	0.21	10.34	20.95	2250	3.8	0.9	inverse
Difenoconazole	114	0.61	0.08	0.43	24.18	29.25	1140	10	0.8	inverse
Isopyrazam	122	1.35	0.1	1.55	3.86	9.1	1220	10	1	inverse

Azoxystrobin	200	2	0.5	0.58	3.67	4.59	1910	20	10	inverse
Isopyrazam	125	1.25	0.3	0.77	5.24	3.99	1150	10	3.2	non-inverse
Zoxamide	121	1.1	0.1	0.63	6.08	5.76	1210	10	1	non-inverse
Isopyrazam	62.5	1.25	0.3	0.42	5.4	13.73	630	10	3.2	inverse
Propiconazole	62.5	1.25	0.3	0.91	5.18	16.93	630	10	3.1	inverse
Thiophanate-methyl	350	0.225	0.15	0.81	16.58	17.64	3620	2.4	1.5	inverse
Tebuconazole	103	0.1	0.068	1.84	22.72	23.12	1050	1	0.7	inverse
Dimethomorph	250	5	0.5	2.37	3.33	10.02	2960	50	10	inverse
Napropamide	450	22.5	0.9	0.7	6.51	13.43	4500	230	10	inverse
Metribuzin	175	52.5	26.25	0.65	2.28	1.19	7000	530	260	non-inverse
Pymetrozine	163	1.05	0.259	0.05	1.19	2.27	1630	1.1	0.3	inverse
Epoxiconazole	62.5	1.25	0.208	0.99	9.4	47.61	630	10	2.1	inverse
Fluxapyroxad	62.5	1.25	0.208	1	2.7	7.98	630	10	2.1	inverse
Fluopyram	125	1.5	0.25	0.17	8.53	9.73	1160	890	10	inverse
Mandipropamid	250	1	0.125	0.09	2.6	6.05	2190	10	1.2	inverse
Propiconazole	231	0.56	0.06	34.57	23.57	33.22	2170	10	0.6	inverse
Metiram	143	20	2.6	4.15	13.55	33.11	1430	200	30	inverse
Metiram	143	20	2.6	4.18	13.55	33.11	1430	200	30	inverse
Oxydemeton-methyl	255.5	4.26	0.44	38.42	31.43	59.09	3990	70	10	inverse
Metribuzin	186.78	41.88	3.95	7.83	21.47	84.84	1870	420	40	inverse
Oxydemeton-methyl	192.5	3.7	0.38	6.22	25.4	27.07	3010	60	10	inverse
Methamidophos	600	60	2	3.63	12.33	37.3	9370	940	30	inverse
Tolylfluanid	63.8	7.1	0.68	82.58	52.38	56.9	640	70	10	non-inverse
Quizalofop-P-tefuryl	40	0.5	0.25	2.29	16.42	18.97	430	10	2.7	inverse
Imidacloprid	200	0.7	0.07	0.3	8.04	6.01	2000	10	0.7	non-inverse
Aviglycine hydrochloride	25	2.5	0.125	1.54	0.81	1.72	250	30	1.3	non-inverse
Boscalid	100	10	1	2.09	21.3	66.61	810	90	10	inverse
Cyproconazole	60	1	0.12	23.87	53.11	71.82	640	10	1.2	inverse
Cloquintocet-methyl	12.5	1.25	0.125	0.63	12.96	43.34	1110	100	10	inverse
Flusilazole	400	50	5	18.19	36.31	67.33	4000	500	50	inverse
Imidacloprid	350	70	0.5	0.04	0.11	5.01	3500	700	10	inverse
Trifloxystrobin	131.39	18.92	3.02	27.3	3.66	5.02	10270	1480	240	inverse
Dimoxystrobin	30	6	1.2	3.16	12.06	4.43	300	60	10	non-inverse
Chlorothalonil	745	7.44	0.92	0.1	0.61	2.25	3700	40	4.6	inverse
Terbuthylazine	166.65	16.67	0.51	0.32	0.34	1.12	3500	500	1.2	inverse
Azoxystrobin	93.5	1.039	0.134	6.1	3.1	0.17	940	10	1.3	non-inverse
Folpet	500	5.5	0.7	0.43	2.34	8.8	5000	60	10	inverse
Cyfluthrin, beta-	80	40	11.4	0.04	0.14	0.33	700	390	110	inverse
Epoxiconazole	125	1.25	0.313	1.9	11.17	11.24	1260	10	3.6	inverse
Terbuthylazine	326	3.75	1.63	0.94	5.78	12.52	2930	40	20	inverse
Metolachlor, S-Bromoxynil octanoate	326.5	8.92	2.26	35.39	27.72	1.99	3270	90	20	non-inverse
Diflufenican	327.6	4.913	1.23	0.9	7.86	7.18	3280	50	10	inverse
Metribuzin	171	1.5	0.3	0.09	5.02	9.83	1700	20	3	inverse
Clothianidin	64	0.56	0.11	0.05	12.19	19.6	630	10	1.2	inverse
	100	50	11.1	0.04	0.09	1.25	830	450	90	inverse

Clothianidin	600	102	22.6	0.03	0.2	0.26	4990	450	90	inverse
Flufenacet	171	1.5	0.3	0.16	12.85	16.12	1640	10	3	inverse
Triasulfuron	66.7	0.15	0.075	0.03	1.12	2.97	670	1.7	0.9	inverse
Fenoxycarb	250	0.75	0.05	0.53	10.53	46.35	2500	10	0.5	inverse
Spirotetramat	150	1.5	0.05	0.24	2.68	3.8	1500	20	0.5	inverse
Folpet	500	7.5	1.2	0.92	17.47	14.34	5000	75	12.5	non-inverse
Flupyradifurone	200	0.625	0.1	0.2	1.99	4.73	2000	6.3	1	inverse
Sedaxane	500	25	2.5	0.07	0.55	0.57	5000	250	25	inverse
Dimethazone (Command, Clomazone)	360	2.44	0.09	0.6	11.35	18.39	3600	24.4	0.9	inverse
Isopyrazam	100	1	0.25	0.74	15.93	39.72	1000	10	2.5	inverse
Spirotetramat	100	0.75	0.075	0.05	1.98	5.23	1000	7.5	0.8	inverse
Difenoconazole	125	0.625	0.083	0.45	24.25	29.4	1250	6.3	0.8	inverse
Prothioconazole	100	1.25	0.25	4.68	16.74	27.26	1000	12.5	2.5	inverse
Glyphosate	360	36	2.2	0.06	0.18	0.05	3600	360	22	non-inverse
Imazalil	25	16.7	12.5	2.7	3.4	4.37	250	167	125	inverse
Fluxapyroxad	75	0.5	0.25	0.61	0.78	1.29	750	5	2.5	inverse
Difenoconazole	50	0.33	0.167	1.11	6.15	8.88	500	3.3	1.7	inverse
Iprovalicarb	90	1.2	0.07	0.21	2.6	10.84	450	12	0.7	inverse
Pyrimethanil	336	2.688	0.538	0.12	11.92	38.17	94915	759.3	151.9	inverse
Napropamide	450	22.5	0.9	0.7	6.51	13.43	4500	225	9	inverse
Cyantraniliprole	200	0.749	0.25	0.01	0.2	0.27	2000	7.5	2.5	inverse
Mandipropamid	250	1	0.125	0.09	2.6	5.81	2500	10	1.3	inverse
Difenoconazole	125	0.625	0.083	0.45	24.25	29.4	1250	6.3	0.8	inverse
Isopyrazam	125	1.25	0.313	0.47	11.5	17.29	1250	12.5	3.1	inverse
Spinetoram	25	0.25	0.025	1.08	3.59	6.01	250	2.5	0.3	inverse
Trifloxystrobin	250	0.2	0.033	0.03	0.58	9.98	2500	2	0.3	inverse
Flufenacet	500	1.2	0.25	0.18	4.19	21.71	5000	12	2.5	inverse
Fludioxonil	250	0.83	0.125	0.03	3	5.95	2500	8.3	1.3	inverse