

LIST OF FUNGICIDES USED ON COMMERCIAL VEGETABLES

Fungicide	Common Name	LD ₅₀ 's ¹		Leaching Potential ²	Runoff Potential ²	Restricted Entry Interval ³
		Oral	Dermal			
Acrobat 50WP	dimethomorph	2498-3453	>2000	2	2	12 hrs
Acrobat MZ	dimethomorph + mancozeb	1971	>2000	2	1	24 hrs
Aliette WDG	fosetyl-aluminum	2860	>2000	3	3	12 hrs
Allegiance-FL	metalaxyl	2900	>2000	1	2	24 hrs
Amistar 80 WG	azoxystrobin	>2000	>5000	3	1	4 hrs
Apron XL LS	mefenoxam	862	>2020	1	2	48 hrs
Armcarb 100	potassium bicarbonate	2700	>5000	-	-	4 hrs
Basic Copper 53	copper sulfate	1000	>2000	3	1	24 hrs
Basicop	copper sulfate	1000	>8000	3	1	24 hrs
Blocker 4F	PCNB	>5050	>2020	3	2	12 hrs
Botran	DCNA	>4640	>6320	3	2	12 hrs
Bravo	chlorothalonil	3784-9000	>2000	3	2	12-48 hrs
Cabrio	Pyraclostrobin	>500	>4000	3	1	12 hrs
C-O-C-S WDG	copper oxychloride sulfate	1131	>2000	3	1	24 hrs
Captan	captan	2000-5000	>2000	3	3	96 hrs
Champ	copper hydroxide	1346-1630	>5000	3	1	24 hrs
Champion	copper hydroxide	833	>5000	3	1	24 hrs
Copper Count N	copper ammonium carbonate	-	-	-	-	12 hrs
Cuprofix Disperss	copper sulfate	>2000	>4000	3	1	24 hrs
Cuprofix MZ Disperss	mancozeb + copper sulfate	>4470	>2000	3	1	24 hrs
Cuprofix Ultra 40 Disperss	copper sulfate	300-960	>4000	3	1	12 hrs
Curzate	cymoxanil	433	>5000	3	3	12 hrs
Dithane	mancozeb	>5000	>5000	3	1	24 hrs
Echo	chlorothalonil	3260	>2020	3	2	12 hrs
Equus DF	chlorothalonil	3750	>5000	3	2	12 hrs
Endura	boscalid	>2000	>2000	2	1	12 hrs
Flint 50WG	trifloxystrobin	>5050	>2000	3	2	12 hrs
Folicur	tebuconazole	-	-	-	-	Varies with crop, see label
Forum	dimethomorph	>500-2000	>4000	2	2	12 hrs
Fosphite	mono-, dibasic sodium salts of phosphorous acid	-	-	-	-	4 hrs
Gavel	zoxamide/mancozeb	>5000	>5000	3	1	48 hrs
Headline	pyraclostrobin	200-500	>4000	3	1	12 hrs
Iprodione 4L	iprodione	>2000	>1000	3	3	24 hrs
Kocide	copper hydroxide	646-1630	>5000	3	1	24 hrs
Kodiak	Bacillus subtilis	>5000	>2000	-	-	4 hrs
Kumulus DF	sulfur	>2200	>2000	1	1	24 hrs
Manex	maneb	>5000	>2000	3	1	24 hrs
Maneb	maneb	>5000	>2000	3	1	24 hrs
ManKocide	copper hydroxide/mancozeb	2535	>5000	3	1	24 hrs

¹ The LD₅₀ is a standard toxicological term which indicates the number of milligrams (mg) of pesticide per kilogram (kg) of test animal body weight required to kill 50 percent of a test animal population. Values less than 10 indicate extremely high toxicity to mammals. The LD₅₀ data have been obtained from Material Safety Data Sheets.

² 1=high, 2=intermediate, 3=low. These leaching/runoff potential ratings are from the NRCS WIN-PST Pesticide Properties Database at <http://www.wcc.nrcs.usda.gov/pestmgmt/winpst.html>

³ SL=See Label. Read and follow the label directions. Post areas or give oral warnings that areas have been treated to warn workers not to enter until the REI has elapsed as required by the label.

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		Oral	Dermal			
Manzate 75DF	mancozeb	>5000	>2000	3	1	24 hrs
Maxim 4FS	fludioxonil	>5050	>2020	3	1	12 hrs
Mertect 340-F	thiabendazole	>5000	>2000	3	1	12 hrs
Microthiol Disperss	sulfur	>2000	2000	1	1	24 hrs
Micro Sulf	sulfur	>5000	>2000	1	1	24 hrs
Rally 40WSP	myclobutanil	1870-2090	>5000	2	2	24 hrs
Nu-Cop	copper hydroxide	1300	>2000	3	1	24 hrs
Penncozeb 75 DF	mancozeb	>4470	>2000	3	1	24 hrs
Penncozeb 4 FL	mancozeb	>5000	>2000	3	1	24 hrs
Phostrol	mono-,dibasic sodium, potassium, and ammonium phosphites	>5000	>5000	-	-	4 hrs
Presidio	fluopicolide	>2000	>4000	-	-	12 hrs
Previcur Flex	propamocarb	2000-8550	>3920	3	2	12 hrs
Pristine	boscalid + pyraclostrobin	>2000	>2000	2	1	12 hrs
Procure 50 WS	triflumizole	2230	>2000	2	3	12 hrs
Prophyt	mono-, dibasic sodium, potassium and ammonium phosphites	5000	4000	-	-	4 hrs
Propimax	propiconazole	-	-	2	1	24 hrs
Quadris	azoxystrobin	>5000	>4000	3	1	4 hrs
Quadris Opti	azoxystrobin/ chlorothalonil	1750	>5000	3	1	12 hrs
Quintec	quinoxifen	>2000	>2000	-	-	12 hrs
Quilt	azoxystrobin/ propiconazole	1750	>5000	2	1	24 hrs
Reason 500 SC	fenamidone	>5000	>5000	-	-	12 hrs
Revus	mandipropamid	>5000	>5000	-	-	12 hrs
Revus Top	Mandipropamid/difenoconazole	2958	>5000	-	-	12 hrs
Ridomil Gold/Bravo	mefenoxam/chlorothalonil	2438	>2020	1	2	48 hrs
Ridomil Gold MZ	mefenoxam/mancozeb	>5000	>2000	1	1	48 hrs
Ridomil Gold/Copper	mefenoxam/copper hydroxide	550	>2020	1	1	48 hrs
Ridomil Gold PC	mefenoxam/PCNB	3990-5050	>2020	1	2	48 hrs
Ridomil Gold GR	mefenoxam	>5000	>2000	1	2	48 hrs
Ridomil Gold SL	Mefenoxam	550	>2000	-	-	48 hrs
Ronilan	vinclozolin	>5000	>2000	2	3	12 hrs
Rovral	iprodione	1170	>2000	3	3	24 hrs
Scala SC	pyrimethanil	>4505	>5000	-	-	12 hrs
Serenade	<i>Bacillus subtilis</i>	>5000	>2000	3	1	4 hrs
SoilGard	<i>Gliocladium virens</i>	-	-	-	-	-
Sulfur DF	sulfur	-	-	1	1	24 hrs
Switch 62.5 WG	cyprodinil / fludioxonil	>5000	>2000	3	1	12 hrs
System 3-Seed Treatment	metalaxyl + PCNB + <i>Bacillus subtilis</i>	>5000	>2000	1	1	24 hrs
Tanos	famoxadone + cymoxanil	960-5000	>2000	-	-	12 hrs
• Telone C-17	dichloropropene / chloropicrin	304-519	200-500	2	3	5 hrs
Tenn-Cop 5E	copper salts of fatty & rosin acid	4000	>2000	-	-	12 hrs

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Terraclor	PCNB	3700-6400	>2000	3	2	12 hrs
Thiolux Jet DF	Sulfur	>5000	>2000	1	1	24 hrs
Thiram	Thiram	>2000	>5000	3	3	24 hrs
Tilt	Propiconazole	1310	>5000	2	1	24 hrs
Topsin M	thiophanate-methyl	>5000	>2000	3	2	12 hrs
Trilogy	neem oil	>5000	-	3	2	4 hrs
Ultra Flourish	Mefenoxam	1172	>2020	1	2	48 hrs
Vapam	metam-sodium	812	>2020	2	3	48 hrs
Ziram 76DF	ziram	1889	>5000	2	3	48 hrs

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