

Fungicide Table

This table includes selected information about the fungicides recommended in this guide. The products are listed alphabetically by **Active Ingredient**, with a selection of **Trade Names**.

* = indicates that some formulations may be Restricted Use Pesticides (RUP) and require a certification to purchase and use

† = indicates that some formulations may be listed by the Organic Materials Research Institute (OMRI) and may be allowed in organic production

The **Signal Word** is an indication of the human health hazard of the product.

The **Greenhouse Use** and **Chemigation Use** columns have one of four listings:

yes = the product label explicitly allows the use

some = the product label explicitly allows the use for certain crops (see the label for details), or certain Trade Names allow complete or partial use

no = the product label explicitly prohibits the use

silent = the product label does not mention the use — states decide if such uses are allowed

The **Respirator Use** column has one of the following listings:

no = a respirator is not required PPE

yes = a respirator is required for some part of the process (see label for details)

some = certain Trade Names may require respirators, but others may not

The **Bee Precaution** column uses the following listings:

I = Do not apply to plants that are flowering, or water puddles

II = Do not apply to plants that are flowering, or water puddles, except at dusk

III = No bee precaution, except when required by the pesticide label or regulations

a = Toxic to honey bee brood

b = Toxic to other bee species

Active Ingredients	Trade Names	Signal Word	Greenhouse Use	Chemigation Use	Respirator Use	Bee Precaution
*1,3-dichloropropene	Telone II, Telone EC	warning, danger	no	some	yes	II a
*1,3-dichloropropene, chloropicrin	Telone C-17, Telone C-35	danger	no	no	yes	II a
acibenzolar-s-methyl	Actigard	caution	silent	some	no	III
ametoctradin, dimethomorph	Zampro	caution	no	some	no	II b
azoxystrobin	Aframe, Dynasty, Heritage, Quadris, Satori	caution	some	some	no	III
azoxystrobin, benzovindiflupyr	Elatus, Mural	caution	some	some	no	III
azoxystrobin, chlorothalonil	Quadris Opti	warning	no	some	yes	II ab
azoxystrobin, difenoconazole	Quadris Top	caution	some	some	no	II b

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azoxystrobin, tebuconazole	Custodia	warning	no	some	no	II b
†Bacillus subtilis strain QST 713	Serenade ASO, Serenade Opti	caution	yes	some	yes	III
boscalid	Endura	warning	no	some	no	II a
boscalid, pyraclostrobin	Coronet, Pageant Intrinsic, Pristine	caution	Some	some	some	II a
chlorothalonil	Bravo Weather Stik, Echo, Equus Initiate	caution, warning, danger	no	some	some	II ab
chlorothalonil, cymoxanil	Ariston	caution	no	some	No	II ab
chlorothalonil, tebuconazole	Muscle ADV	caution	no	silent	no	II ab
†Coniothyrium minitans strain CON/M/91-08	Contans WG	caution	yes	some	yes	-
copper diammonium diacetate complex	Copper Count N	caution	yes	some	no	-
†copper hydroxide	Champ, Kentan, Kocide, Nu-Cop	caution, warning, danger	some	some	no	II
copper hydroxide, copper oxychloride	Badge SC	caution	yes	some	no	II b
†copper octanoate	Camelot O, Cueva	caution	some	some	no	-
copper oxychloride	COC DF	caution	no	some	no	II b
copper oxychloride, copper sulfate	C-O-C-S WDG	warning	yes	no	no	II b
†copper sulfate	Basic Copper 53, Cuprofix Ultra 40 Disperss, Cuproxat FL, Phytan 27	caution, warning	some	some	no	III
†cuprous oxide	Nordox 75 WG	caution	silent	some	no	III
cyazofamid	Ranman 400SC	caution	some	some	no	-
cyflufenamid	Torino	caution	silent	no	no	III
cymoxanil	Curzate 60DF	warning	silent	some	no	III
cyprodinil	Vanguard WG	caution	silent	some	yes	III
cyprodinil, fludioxonil	Switch 62.5WG	caution	silent	some	yes	III
dichloro-nitroaniline	Botran 75W	caution	some	some	yes	III
difenoconazole, benzovindiflupyr	Aprovia Top	warning	no	some	no	II b
difenoconazole, cyprodinil	Inspire Super	caution	some	some	no	II b
dimethomorph	Forum	caution	no	some	no	II b
ethaboxam	Elumin	caution	no	some	no	-
famoxadone, cymoxanil	Tanos	caution	silent	some	no	III
fenamidone	Reason 500SC	caution	no	some	no	III
fenhexamid	Decree 50WDG	caution	some	no	no	III
fluazinam	Lektivar 40SC, Omega 500F	warning	silent	some	no	-
fludioxonil	Cannonball, Emblem, Maxim 4FS, Maxim Potato Seed Protectant	caution	some	some	some	III
fluopicolide	Presidio	caution	no	some	no	III
fluopyram	Velum Prime	caution	silent	some	no	III
fluopyram, pyrimethanil	Luna Tranquility	caution	some	some	no	III
fluopyram, tebuconazole	Luna Experience	caution	silent	some	no	II b
fluopyram, trifloxystrobin	Luna Sensation	caution	silent	some	no	III
flutianil	Gatten	warning	no	no	no	-

Active Ingredients	Trade Names	Signal Word	Greenhouse Use	Chemigation Use	Respirator Use	Bee Precaution
flutolanil	Moncu	caution	silent	no	no	II a
flutriafol	Rhyme, Topguard EQ	caution, warning	some	some	no	III
fluxapyroxad, pyraclostrobin	Merivon, Priaxor	caution, warning	no	some	no	III
fosetyl-aluminum	Aliette WDG	caution	silent	some	no	II ab
iprodione	Iprodione 4L AG, Meteor, Nevado 4F, Rovral 4F	caution	silent	some	yes	II ab
isofetamid	Kenja 400SC	caution	silent	some	no	-
mancozeb	Dithane Rainshield, Koverall 75WP, Manzate Max, Penncozeb 75DF	caution	Some	some	some	III
mancozeb, azoxystrobin	Dexter Max	caution	some	some	yes	III
mancozeb, azoxystrobin, tebuconazole	Dexter Xcel	caution	some	some	yes	II b
mancozeb, chlorothalonil	Elixir	warning	silent	some	no	II ab
mandipropamid	Revus	caution	silent	some	no	III
mandipropamid, difenoconazole	Revus Top	caution	silent	some	no	II b
mefenoxam	Apron XL, Ridomil Gold GR, Ridomil Gold SL	caution, warning	some	some	no	III
mefenoxam, chlorothalonil	Ridomil Gold Bravo SC	danger	no	some	no	II ab
mefenoxam, copper hydroxide	Ridomil Gold Copper	danger	no	some	no	II
mefenoxam, mancozeb	Ridomil Gold MZ	caution	silent	some	no	III
*metam potassium	Sectagon K54, K-PAM HL	danger	no	some	yes	III
*metam sodium	Sectagon K42, VAPAM HL	danger	no	some	yes	III
metrafenone	Vivando	caution	silent	no	no	III
mono- and dibasic sodium, potassium, and ammonium phosphites	Alude, Phostrol	caution	silent	some	no	-
mono-dipotassium salts of phosphorous acid	Agri-Fos, Fosphite, Reliant	caution	some	some	no	-
myclobutanil	Rally 40WSP, Sonoma 40WSP	caution, warning	no	some	no	II
oxathiapiprolin	Orondis Gold	caution	some	some	no	-
oxathiapiprolin, chlorothalonil	Orondis Opti Premix	danger	no	some	yes	II ab
oxathiapiprolin, mandipropamid	Orondis Ultra Premix	caution	some	some	no	III
PCNB	Blocker 4F, Blocker 10G, Terraclor 75WP	caution	silent	some	yes	I
penthiopyrad	Fontelis, Vertisan	caution	some	some	no	III
picoxystrobin	Approach	caution	silent	some	no	-
potassium phosphite	ProPhyt	caution	silent	some	no	-
potassium phosphite, chlorothalonil	Catamaran	caution	silent	some	no	II ab
potassium phosphite, tebuconazole	Viathon	caution	silent	some	no	II b
propamocarb	Previcur Flex	caution	some	some	no	-
propiconazole	Propimax EC, Tilt	warning	no	some	no	II ab

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propiconazole, trifloxystrobin	Stratego	warning	silent	some	no	II ab
prothioconazole	Proline 480SC	caution	some	some	no	-
pydiflumetofen, fludioxonil	Miravis Prime	caution	some	some	no	III
pyraclostrobin	Cabrio, Headline EC	caution, warning	no	some	no	III
pyraclostrobin, metconazole	Headline AMP	warning	no	some	no	III
pyrimethanil	Scala S	caution	some	some	no	III
pyriofenone	Prolivo 300SC	caution	silent	silent	no	-
quinoxifen	Quintec	caution	silent	no	no	III
†Reynoutria sachalinensis	Regalia	caution	silent	some	no	III
Streptomycin sulfate	Agri-mycin 17, FireWall, Streptrol	caution	some	no	yes	III
†sulfur	Kumulus DF, Micro Sulf, Microthiol Disperss	caution	silent	some	no	III b
sulfur, tebuconazole	Unicorn DF	caution	silent	some	no	II b
tebuconazole	Folicur 3.6F, Monsoon, Onset 3.6L, Toledo 3.6F	caution	silent	some	no	II b
thiabendazole	Mertect	caution	silent	silent	no	-
thiophanate-methyl	Cercobin, Topsin 4.5FL, Topsin M	caution	silent	some	no	III
trifloxystrobin	Flint, Flint Extra, Gem	caution	some	some	no	III
triflumizole	Procure 480SC	caution	silent	no	no	II b
zoxamide, chlorothalonil	Zing!	caution	no	some	yes	II ab
zoxamide, mancozeb	Gavel 75DF	caution	silent	some	no	-