

Activity of Fungicides on Grape Diseases, 2015

Ratings in shaded cells indicate the disease is listed on the product label for control or suppression. Please see the product label or crop calendars for registered uses. Use fungicides only for the crop and disease combinations listed on the product label. Additional information is provided in this table to assist the grower in choosing the best fungicide for control of diseases listed on the product label.

Group	Fungicide	Anthraco	Phomopsis cane and leaf spot	Black rot	Downy mildew	Powdery mildew	Botrytis bunch rot	Activity
M	Copper Spray	0	+	+	++	+	0	Contact
M	Guardman Copper Oxchloride	0	+	+	++	+	0	Contact
M	Kocide 2000	0	+	+	++	+	0	Contact
M	<i>Cueva Copper*</i>	0	+	+	++	++?	0	Contact
M	Kumulus DF	+	+	0	0	+++	0	Contact
M	Microscopic Sulphur	+	+	0	0	+++	0	Contact
M	Microthiol Disperss	+	+	0	0	+++	0	Contact
M	Lime Sulphur	++	0	0	0	+	0	Contact
M	Ferbam 76 WDG	++	+++	+++	++	0	0	Contact
M	Polyram DF	++	+++	+++	+++	0	0	Contact
M	Penncozeb	++	+++	+++	+++	0	0	Contact
M	Manzate	++	+++	+++	+++	0	0	Contact
M	Supra Captan 80 WDG	++	+++	+	+++	0	0	Contact
M	Folpan 80 WDG	++	+++	+	+++	0	0	Contact
M	Maestro 80 DF	++	+++	+	+++	0	0	Contact
2	Rovral	0	0	0	0	0	++++	Local systemic
3	Inspire	+++	0	++++	0	++++	0	Local systemic
3	Mettle 125ME	+++	0	++++	0	+++ ^R	0	Local systemic
3	Nova Fungicide	+++	0	++++	0	+++ ^R	0	Local systemic
4	RidomilGold MZ 68 WG	0	+	+	++++	0	0	Systemic
7	Cantus WDG	0	0	0	0	++++	+	Local systemic
7+9	Luna Tranquility	0	0	0	0	++++	++++	Local systemic
9	Scala SC	0	0	0	0	0	++++	Local systemic
9	Vanguard 75 WG	0	0	0	0	0	++++	Local systemic
9+	Switch	0	0	0	0	0	++++	Local systemic
11	Flint Fungicide	0	+	++++	+	+++ ^R	+	Local systemic
11	Sovran	0	+	++++	++	+++ ^R	+	Local systemic
11&7	Pristine WG	+++	+	++++	++++	++++	+	Local systemic
17	Elevate 50 WDG	0	0	0	0	+	++++	Local systemic
22	Gavel 75DF	0			+++	0	0	Contact

Group	Fungicide	Anthraxnose	Phomopsis cane and leaf spot	Black rot	Downy mildew	Powdery mildew	Botrytis bunch rot	Activity
33	Aliette	0	0	0	++++	0	0	Systemic
33	Confine Extra	0	0	0	++++	0	0	Systemic
33	Phostrol	0	0	0	++++	0	0	Systemic
33	Rampart	0	0	0	++++	0	0	Systemic
40	Revus	0	0	0	++++	0	0	Local systemic
40	Acrobat	0	0	0	++++	0	0	Systemic
40+45	Zampro	0	0	0	++++	0	0	Systemic
43	Presidio	0	0	0	++++	0	0	Local systemic
44	Serenade Maxx	0	0	0	0	+	++	Contact
NC	MilStop	0	0	0	0	++	0	Contact
NC	Sirocco	0	0	0	0	++	0	Contact
U8	Vivando SC	0	0	0	0	++++	0	Local systemic
U	Purespray Green Spray Oil 13E	0	0	0	0	++	0	Contact
P5	Regalia Maxx	0	0	0	0	+	+	Host resistance activator
NC	Timorex Gold	0	0	0	+?	+++	0	Contact
NC	Buran	0	0	0	0	+?	0	Contact
NC	Tivano	0	0	0	+?	0	0	Contact
NC	Botector	0	0	0	0	0	++	Contact
NC	Fracture	?	?	?	?	+?	+?	Contact

0 = Ineffective; + = Slightly effective/suppression, not recommended for very susceptible varieties or at critical stages of infection; ++ = Moderately effective; +++ = Very effective; +? = registered but no experience in Ontario
Fungicide activity (adapted from NY and PA Pest Management Guidelines for Grapes):

Contact: stays on the surface of plant
Local systemic: moves into plant but does not move to other plant parts
Systemic: moves into plant and to unsprayed plant parts as they develop
Host resistance: stimulates host defences against infection

* Not available until late 2015
^R Resistance to fungicide documented elsewhere and likely in Ontario so efficacy may be less than optimal. For Rovral,

NC = Not classified.