

Products used for Disease Control for Suppression on Grapes

Use this table as a guide but refer to product label for specific information.

The preharvest interval (PHI) is the number of days between the last spray and first harvest.

The restricted entry interval (REI) is the minimum interval that must be observed between the application of the pesticide and work in the treated crop without protective equipment. **When the REI for hand harvest exceeds the PHI, follow the REI.**

The maximum applications is the labelled maximum number or product amount applied for the growing season and **may be higher than what is recommended for resistance management.**

Preharvest Intervals: Contact processors and wineries directly regarding their preharvest interval policy. Preharvest intervals listed are taken from product labels. In some cases, regulations on residues in finished products are much more stringent. Many processors require longer preharvest intervals than stated on product labels. Some processors and wineries also have special restrictions for certain pest control products regarding number of applications or application after a certain crop stage. Consult your grape purchaser for more details.

Products listed as potentially organic may be acceptable for organic use based on MAPAQ. *Réseau d'avertissements phytosanitaires. 2022. RAP – Réseau Général. Bulletin d'information N° 1, Spécial phytoprotection bio. 14 juillet 2022*, or a letter of certification provided by the registrant. Check with certifying body to verify the acceptability of any product prior to using it.

Product Name	Registration Number	Common Name	Group	Preharvest Interval	Restricted Entry Interval	Maximum Applications (Amount/year)	Activity	Potentially Organic
Actinovate SP	28672	<i>Streptomyces lydicus</i>	BM2	—	when dry	—	Contact	*
Aliette	27688	fosetyl-al	P7	15 days	6 days	7	Systemic	—
Allegro	27517	fluazinam	29	21 days	12 hours ¹ /9 days ²	2/4 ³	Contact	—
Aprovia	31981	benzovindiflupyr	7	21 days	12 hours	4 (3 L/ha)	Locally systemic	—
Aprovia Top 195 EC	31526	difenoconazole + benzovindiflupyr	3+7	21 days	2 days	max. 3.9 L/ha	Locally systemic	—
Botector	31248	<i>Aureobasidium pullulans</i>	NC	0 days/4 hours ⁴	4 hours	4	Contact	*
Buran	30601	garlic powder	NC	0 days	when dry	—		*
Button	34439	cyprodinil + fludioxanil	9+12	7 days	12 hours ¹ /2 days ²	2	Locally systemic	—
Cabil	34638	boscalid	7	14 days	12 hours	5	Locally systemic	—
Cantus WDG	30141	boscalid	7	14 days	12 hours	5	Locally systemic	—
Cevya	33405	mefentrifluconazole	3	14 days	12 hours	max 1.125 L/ha	Locally systemic	—
Confine Extra	30648	mono- and di-potassium salts of phosphorus acid	P7	1 day	12 hours	9	Systemic	—
Copper 53 W	9934	tri-basic copper sulphate	M	2 days ⁵	48 hours	7	Contact	*
Copper Spray	19146	copper oxychloride	M	2 days ⁵	48 hours	7	Contact	*
Cosavet DF Edge	31869	sulphur	M	1 day/21 days ⁶	24 hours	8	Contact	*
Cueva	31825	copper octanoate	M	1 day	4 hours	15	Contact	*
Cyclone Plus	34762	Lactic acid + citric acid		0 days	4 hours	—	Contact	*
Diplomat 5 SC	32918	polyoxin D salt	19	0 days/12 hours ³	12 hours	max. 3 L/ha	Contact	—
Dithane Rainshield	20553	mancozeb	M	66 days (prebloom)	12 hours ¹ /7 days ²	1 (3 kg/ha)	Contact	—
Double Nickel LC	31887	<i>Bacillus amyloliquefaciens</i> strain D747	BM2	0 days	when dry	—	Contact	*
Elevate 50 WDG	25900	fenhexamid	17	7 days	12 hours ¹ / 5 days ²	1	Locally systemic	—
Flint	30619	trifloxystrobin	11	14 days	12 hours ¹ /5 days ²	4	Locally systemic	—
Follow	34314	folpet	M	1 day	24 hours/ 3 days ²	2/4 ⁷	Contact	—
Folpan 80 WDG	27733	folpet	M	1 day	24 hours/ 3 days ²	2/4 ⁷	Contact	—
Forum	32026	dimethomorph	40	14 days	12 hours ¹	4	Systemic	—

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Fullback 125 SC	31679	flutriafol	3	14 days	12 hours ¹ /7 days ²	max. 2.048 L/ha	Locally systemic	—
Gatten	34297	flutianil	U13	14 days	12 hours	4 (2.76 L/ha)	Locally systemic	—
Gavel DF	26842	zoxamide + mancozeb	22+M	66 days	12 hours ¹ /7 days ²	1 (2.25 kg/ha)	Contact	—
Inspire Super	30827	difenoconazole + cyprodinil	3+9	14 days	7 days	2 (3.0 L/ha)	Locally systemic	—
Impala	34661	pyrimethanil	9	7 days	12 hours ¹ /24 hours ²	3	Locally systemic	—
Intuity	32288	mandestrobin	11	10 days	12 hours	2.631 L/ha	Locally systemic	—
Kenja 400 SC	31758	isofetamid	7	14 days	12 hours	3	Locally systemic	—
Kocide 2000-O	33441	copper hydroxide	M	2 days ⁵	48 hours	7	Contact	*
Kumulus DF	18836	sulphur	M	1 day/21 days ⁴	24 hours	8	Contact	*
LifeGard	32526	<i>Bacillus mycooides</i> isolate J	P6	0 days/4 hours ⁴	4 hours	—	Systemic + SAR	*
Lime Sulphur	16465	calcium polysulphide	M	120 days (delayed dormant)	48 hours	1	Contact	*
Luna Tranquility	30510	fluopyram + pyrimethanil	7+9	45 days	12 hours ¹ /24 hours ²	max. 4 L/ha	Locally systemic	—
Maestro 80 WSP	33488	captan	M	7 days/55 days ⁴	12 hours ¹ /55 days ²	2/1 ⁸	Contact	—
Magister	34544	fenazaquin	39	7 days/15 days ⁴	12 hours ¹ /7 days ²	1 (2.63 L/ha)	Contact	—
Manzate Max	33299	mancozeb	M	66 days (prebloom)	12 hours ¹ /7 days ²	1 (4.69 L/ha)	Contact	—
Manzate Pro-Stick	28217	mancozeb	M	66 days (prebloom)	12 hours ¹ /7 days ²	1 (3 kg/ha)	Contact	—
Mettle 125 ME	30673	tetraconazole	3	15 days	12 hours ¹ /15 days ²	max. 730 mL/ha	Locally systemic	—
Microscopic Sulphur WP	14653	sulphur	M	1 day/21 days ⁵	24 hours	8	Contact	*
Microthiol Disperss	29487	sulphur	M	1 day/21 days ⁵	24 hours	8	Contact	*
MilStop	28095	potassium bicarbonate	NC	0 days/4 hours ⁴	4 hours	10	Contact	*
Miravis Prime	33207	fludioxonil + pydiflumetofen	7+12	14 days	12 hours	2	Locally systemic	—
Nova	22399	myclobutanil	3	14 days	12 hours ¹ /7 days ²	5	Locally systemic	—
Oxidate 2.0	32907	hydrogen peroxide + peroxyacetic acid	NC	0 days	4 hours or when dry	max. 93.5 L/ha	Contact	*
Penncozeb 75 DF Raincoat	30241	mancozeb	M	66 days (prebloom)	12 hours ¹ /7 days ²	1 (3 kg/ha)	Contact	—
Phostrol	30449	mono- and di-basic sodium, potassium and ammonium phosphites	P7	0 days/12 hours ⁴	12 hours	4	Systemic	—
Pristine WG	27985	boscalid + pyraclostrobin	7+11	14 days/21 days ⁴	when dry ¹ / 21 days ²	2/6 ¹⁰	Locally systemic	—
Priwen 500 EC ⁵	31959	spiroxamine	5	35 days	12 hours ¹ /17 days ²	max. 1.2 L/ha	Locally systemic	—
ProBlad Biofungicide	34050	BLAD polypeptide	BM1	0 days	when dry	—	Locally systemic	—
Property 300 SC	32534	pyriofenone	50	0 days/12 hours ⁴	12 hours	max. 1.2 L/ha	Locally systemic	—
Purespray Green Spray Oil 13 E	27666	mineral oil	NC	14 days/12 hours ⁶	12 hours	8 (summer)	Contact	*
Rampart	30654	mono- and di-potassium salts of phosphorous acid	P7	1 day	4 hours	5	Systemic	—

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Regalia Maxx	30199	extract of <i>Reynoutria sachalinensis</i>	P5	0 days	when dry	—	Systemic	*
Regalia RX	32350	extract of <i>Reynoutria sachalinensis</i>	P5	0 days	when dry	—	Systemic	*
Revus	29074	mandipropamid	40	14 days	12 hours	4	Locally systemic	—
Ridomil Gold MZ 68 WG**	28893	metalaxyl + mancozeb	4+M	66 days (prebloom)	12 hours ¹ /7 days ²	1	Systemic	—
Scala SC	28011	pyrimethanil	9	7 days	12 hours ¹ /24 hours ²	3	Locally systemic	—
Sercadis	31697	fluxapyroxad	7	14 days	12 hours	6	Locally systemic	—
Serenade OPTI	31666	<i>Bacillus subtilis</i> strain QST 713	BM2	0 days	when dry	—	Contact	*
Serifel	30054	<i>Bacillus amyloliquifaciens</i> strain MBI 600	BM2	0 days	4 hours or when dry	—	Contact	*
Sharda Captan 48 SC	32300	captan	M	7 days/55 days ⁴	12 hours ¹ /55 days ²	2/1 ⁸	Contact	—
Sirocco	31091	potassium bicarbonate	NC	0 days	4 hours	10	Contact	*
Sovran	26257	kresoxim-methyl	11	14 days	48 hours	4	Locally systemic	—
Stargus	33246	<i>Bacillus amyloliquifaciens</i> strain F727	BM2	0 days	4 hours or when dry	—	Contact	—
SuffOil-X	33099	mineral oil	NC	0 days/14 days ⁶	12 hours	8	Contact	*
Supra Captan 80 WSP	33641	captan	M	7 days/55 days ⁴	12 hours ¹ /55 days ²	2/1 ⁸	Contact	—
Switch 62.5 WG	28189	cyprodinil + fludioxonil	9+12	7 days	12 hours ¹ /48 hours ²	2	Locally systemic	—
Timorex Gold	30910	tea tree oil	46	2 days	4 hours	—	Contact	*
Tivano	30468	citric acid + lactic acid	NC	—	when dry	—	Contact	*
Torrent 400 SC	30392	cyazofamid	21	30 days	12 hours	6	Contact	—
Vegol Crop Oil	32408	canola oil	NC	0 days/14 days ⁵	12 hours	2/4 ¹¹	Contact	*
Vivando SC	29765	metrafenone	50	14 days	12 hours	6	Locally systemic	—
Zampro	30321	dimethomorph + ametoctradin	40+45	14 days	12 hours	4	Systemic	—

M = Multi-site fungicides. BM = Biologicals with multiple modes of action. NC = Not classified by FRAC, or group not indicated on product label. P = Plant defence inducers. UN = Mode of action has not been determined. — = Information is not specified on the product label. * = Potentially organic. Check with certifying body.

Contact = stays on surface of plant. Locally systemic = Moves into plant but does not move to other plant parts. Systemic = Moves into plant and to unsprayed plant parts as they develop. SAR = systemic acquired resistance: Moves into plant and activates resistance genes.

¹ General re-entry. ² Hand labour (e.g., training, thinning, leaf pulling, hand harvest). ³ Maximum of 2 applications for Phomopsis and 4 applications for anthracnose. ⁴ Preharvest interval for mechanical harvest / hand harvest. ⁵ Check with processor and winery for wine grapes. ⁶ Preharvest interval table/wine grape. ⁷ Maximum of 2 applications for Phomopsis and 4 applications for downy mildew. ⁸ Maximum of 2 applications for phomopsis, 1 application for downy mildew. ⁹ General re-entry/hand thinning/training and hand harvest. ¹⁰ Depends on rate. See label. ¹¹ Dormant/Growing season. **Last use 2025.