

GRAPE DISEASES

	April	May	June	July	August	September	October	Notes	
	Dormancy	Budbreak	Bloom/Set	Full Canopy	Bunch Closure	Veraison	Harvest	Harvest	
Phomopsis	█								Rain dispersed, treat pre-bloom in areas with prior infection
Powdery Mildew	█								Treat on 7-10 day intervals depending on material and pressure
Downy Mildew	█								Treat on 7-10 day intervals depending on material and pressure
Black Rot	█								Treat on 7-10 day intervals depending on material and pressure
Botrytis	█		█		█				Treat at key points in the season

These are general guidelines. Phenology and disease pressure will vary by region.

Material	Active Ingredient(s)	Powdery Mildew	Downy Mildew	Black Rot	Botrytis	Phomopsis	Rate	Notes
Yellow Jacket	Sulfur	***				**	2-10#/ac	Some varieties may be sensitive to sulfur
Cueva	Copper Octanoate	***	***	***		***	0.5-2%	Some varieties may be sensitive to copper
Kocide 3000	Copper Hydroxide	***	***	***		***	0.75-1.75#/ac	Some varieties may be sensitive to copper
Nordox 75 WG	Cuprous Oxide	***	***	***		***	1.25#/ac	Some varieties may be sensitive to copper
Tritek	Mineral Oil	***			*		1-2%	Do not combine oil with sulfur or copper
Trilogy	Neem Oil	***	*		-	*	1-2%	Do not combine oil with sulfur or copper
Milstop	Potassium Bicarbonate	***	***		*		2-5#/ac	
Sil-Matrix	Potassium Silicate	-			-		0.25-1%	
OxiDate 2.0	Hydrogen Dioxide & Peroxyacetic Acid	-	-	-	-	-	0.25-1%	Curative rate = 1%, Preventative rate = 0.25-0.5%
PerCarb	Sodium Percarbonate	-	-		-		1-4#/100gal	Rates above 3#/100gal for dormant applications only
Regalia	Reynoutria sachalinensis	***	-	-	*	-	1-4qt./ac	Do not exceed 1% solution
Actinovate	Streptomyces lydicus	**	*		*		3-12oz/ac	Use with an adjuvant
Serenade	Bacillus subtilis	*	***		**	*	2-6qt./ac	
Double Nickel	Bacillus amyloliquefaciens	*	-		*		0.25-3#/ac	

***Highly effective **Moderately effective *Minimally effective -Labeled for pest/disease, no available efficacy data

[Efficacy ratings from Cornell Organic IPM Guide for Grapes](#)

See product labels for REI, PHI, application rates and restrictions. **Always read the label prior to applying any material.**