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PESTS	PRODUCT	DORMANT	BUD BREAK	18" GROWTH	BLOOM	BUNCH CLOSURE	VERAISON	PRE-HARVEST	POST-HARVEST
MEALYBUGS									
									
									
NEMATODES/ PHYLLOXERA	 *								
POWDERY MILDEW, BOTRYTIS	 ***								
									
									
									
									
BOTRYTIS									
WEEDS									
	 **								

*Suppresses nematodes and positively impacts yield as part of an integrated nematode management program.

**Encompasses full portfolio of Roundup® brand agricultural herbicides (Roundup PowerMAX® and Roundup WeatherMAX® herbicides).

***Tank-mix partner recommended.

 Insecticides/Miticides

 Fungicides

 Biologicals

 Herbicides

Please consult the product label for more information, such as approved methods of application. To avoid crop damage, spray solutions of this product must not be allowed to contact desirable vegetation, including green shoots, vines or foliage.

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

For more information, visit www.CropScience.Bayer.us.



ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Technology® includes glyphosate-based herbicide technologies.

Baythroid® XL is a restricted use pesticide. Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or representative for the product registration status in your state. Admire®, Alion®, Bayer, Bayer Cross, Baythroid®, Flint®, Luna Experience®, Luna Sensation®, Movento®, Roundup PowerMAX®, Roundup Technology®, Roundup WeatherMAX®, Scala®, Serenade® and Sivanto® are registered trademarks of Bayer Group. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LP, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2021 Bayer Group. All rights reserved. 1T022110088



The Bayer California Grape Protection Portfolio

Bayer provides solutions to help you grow high-quality grapes, increase yields and continuously improve the vigor and longevity of your vineyard.

	PRODUCT	KEY PESTS/DISEASES CONTROLLED	CHEMICAL CLASS GROUP NO.	REI (HOURS)	PHI (DAYS)	USE RATE*
INSECTICIDES/MITICIDES	 ADMIRE PRO Soil Application: A soil-applied systemic insecticide that provides economical and enduring control of damaging insects.	Leafhoppers/sharshooters, Mealybugs, Nematodes (suppression)	Neonicotinoids IRAC Group 4A	12	30	7 to 14 fl. oz./A
	 ADMIRE PRO Foliar Application: A foliar-applied systemic insecticide that provides economical and enduring control of damaging insects.	Leafhoppers/sharshooters, Mealybugs (crawlers)	Neonicotinoids IRAC Group 4A	12	0	1 to 1.4 fl. oz./A
	 BAYTHROID XL ** Quickly knocks down a wide range of pests, provides long-lasting residual and high return on investment.	Grape berry moths, Leafhoppers, Leafrollers, Mealybugs (crawlers)	Pyrethroids IRAC Group 3	12	3	2.4 to 3.2 fl. oz./A
	 MOVENTO Features powerful, two-way movement throughout the plant to protect it from a broad range of insects, mites and nematodes.	Mealybugs, Nematodes (suppression), Phylloxera	Tetramic acids IRAC Group 23	24	7	6 to 8 fl. oz./A
	 SIVANTO prime Precisely targets key damaging pests while helping safeguard beneficial insects and mites, including honey bees, to preserve the overall health of your plants and your investment.	Leafhoppers, Mealybugs	Butenolides IRAC Group 4D	12	0	7 to 14 fl. oz./A
FUNGICIDES	 FLINT Extra *** Optimum rotational partner with proven broad-spectrum disease control offering enhanced value for growers.	Black rot, Botrytis, Phomopsis, Powdery mildew	FRAC Group 11 (QoI)	12	14	3 to 3.8 fl. oz./A
	 Luna EXPERIENCE Protects against key diseases throughout the growing season, resulting in improved plant health as well as high-quality crops, and provides an effective approach to resistance management.	Black rot, Botrytis, Phomopsis (suppression), Powdery mildew	FRAC Group 7 (SDHI) FRAC Group 3 (DMI)	12; 5 days for grape tying, turning and girdling	14	6 to 8.6 fl. oz./A
	 Luna SENSATION Protects against key diseases throughout the growing season, resulting in improved plant health as well as high-quality crops, and provides an effective approach to resistance management.	Black rot, Botrytis, Phomopsis, Powdery mildew	FRAC Group 7 (SDHI) FRAC Group 11 (QoI)	12	14	7.0 fl. oz./A
	 SCALA A foliar fungicide that provides high-level preventive control against many economically damaging diseases and helps control many resistant disease strains.	Botrytis	Anilinopyrimidines FRAC Group 9	12	7	Alone: 18 fl. oz./A Tankmixed: 9 to 18 fl. oz./A
BIOLOGICALS	 SERENADE ASO Provides protection against soil and foliar fungal and bacterial diseases through multiple sites of action with a flexible application.	Botrytis, Powdery mildew, Soil-borne diseases, Sour rot	<i>Bacillus subtilis</i> , QST 713 FRAC Group 44	4	0	2 to 4 qt./A
	 SERENADE OPTI Provides protection against foliar fungal and bacterial diseases through multiple sites of action with a flexible application.	Botrytis, Powdery mildew, Sour rot	<i>Bacillus subtilis</i> , QST 713 FRAC Group 44	4	0	Alone: 14 to 20 oz.
HERBICIDES	 Alion A foundational herbicide offering excellent residual, pre-emergent control of grasses and broadleaf weeds.	A wide spectrum of susceptible grasses and broadleaf weeds when applied prior to seed germination	Cellulose-biosynthesis inhibitor (CBI) WSSA Group 29	12	14	3.5 to 5 fl. oz./A (treated acre) depending on soil organic matter. Max 5 fl. oz./A a year
	 Roundup †† Provides consistent post-emergent control, weed to weed and field to field, even tough-to-control weeds.	Annual and perennial weeds	Group 9	4	14	11 fl. oz. to 3.3 qt./A

*See product label for specific rates for target pests.**Baythroid® XL is a Restricted Use Pesticide.***Tank-mix partner recommended.

††Encompasses full portfolio of Roundup® brand agricultural herbicides (Roundup PowerMAX® and Roundup WeatherMAX® herbicides).

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