

RECOMMENDED APPLICATION TIMING

PESTS	PRODUCT	TRANSPLANTING	ESTABLISHMENT	GROWING STAGE	FLOWERING/ FRUIT SET	FRUIT FORMATION	HARVEST
APHIDS, WHITEFLIES	MOVENTO®						
	SIVANTO® prime						
LEPIDOPTERANS, PEPPER WEEVILS	BAYTHROID® XL*						
	LEVERAGE® 360*						
MITES, WHITEFLIES	o.b.e.r.o.n						
NEMATODES	MOVENTO®						
	VELUM® ONE						
	VELUM® PRIME						
THRIPS	ADMIRE® PRO SYSTEMIC PESTICIDE						
	MOVENTO®						
ANTHRACNOSE, POWDERY MILDEW, WHITE MOLD	Luna® SENSATION						
BACTERIAL LEAF SPOT	SERENADE®						
PYTHIUM AND PHYTOPHTHORA	Previcur® ASO						
SOIL-BORNE DISEASES	SERENADE® ASO						

*Baythroid® XL and Leverage® 360 are Restricted Use Pesticides.

■ Insecticides/Miticides/Nematicides ■ Fungicides ■ Biologicals

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



The Bayer Pepper Protection Portfolio

Bayer provides solutions to help you grow high-quality peppers, increase yields and continuously improve the marketability of your pepper crop.



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

Signal word for Baythroid XL and Leverage 360: WARNING. Signal word for all other products: CAUTION.

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BAYER COMPLETE PEPPER PORTFOLIO

	PRODUCT	KEY PESTS/DISEASES CONTROLLED	CHEMICAL CLASS GROUP NO.	REI (HOURS)	PHI (DAYS)	USE RATE*	
SEEDS	 Seminis grow forward	Seminis is committed to providing growers with high-quality vegetable seeds. For more information regarding its pepper seed varieties, please visit www.seminis-us.com .					
INSECTICIDES/MITICIDES/NEMATOCIDES	Soil Application  ADMIRE^{PRO}	A systemic insecticide that provides economical and enduring control of damaging insects.	Colorado potato beetles, Flea beetles, Thrips (foliage-feeding thrips only)	Neonicotinoids IRAC Group 4A	12	21	7 to 14 fl. oz./A
	 BAYTHROID^{XL} **	Quickly knocks down a wide range of pests, provides long-lasting residual and high return on investment.	Aphids, Armyworms, Corn earworms, Leafhoppers, Pepper weevils (suppression), Tomato hornworms	Pyrethroids IRAC Group 3	12	0	1.6 to 2.8 fl. oz./A
	 LEVERAGE³⁶⁰ **	Features two modes of action against harmful sucking and chewing pests – one delivers fast knockdown, the other extends residual control.	Leafhoppers, Pepper weevils (suppression)	Imidacloprid Pyrethroids IRAC Group 4A	12	7	4.1 fl. oz./A
	 MOVENTO	Features powerful, two-way movement throughout the plant to protect it from a broad range of insects, mites and nematodes.	Aphids, Nematodes (suppression), Psyllids, Western flower thrips (suppression), Whiteflies	Tetramic acids IRAC Group 23	24	1	4 to 5 fl. oz./A
	 o.b.e.r.o.n	Provides excellent control of mites but soft on beneficials making it a good miticide choice that fits well in IPM systems.	Mites, Tomato psyllids, Whiteflies	Tetronic acids IRAC Group 23	12	1	7 to 8.5 fl. oz./A
	Soil Application  SIVANTO^{prime}	Precisely targets key damaging pests with minimal impact to beneficial insects and mites, including honey bees, to preserve the overall health of your plants and your investment.	Aphids, Leafhoppers, Psyllids, Whiteflies	Butenolides IRAC Group 4D	4 (12 in CA)	45	21 to 28 fl. oz./A
	Foliar Application		Aphids, Colorado potato beetles, Leafhoppers, Psyllids, Whiteflies		4 (12 in CA)	1	7 to 14 fl. oz./A
	 VELUM^{ONE}	Moves from the plant's roots to the leaves, not only suppressing nematodes below ground, but also moving throughout the plant to help protect root health, suppress key diseases and maximize yield potential.	Nematodes (suppression), Powdery mildew (suppression)	FRAC Group 7	12	0	6.25 to 6.84 fl. oz./A 2(ee)
	 VELUM^{PRIME}	Moves from the plant's roots to the leaves, not only suppressing nematodes below ground, but also moving throughout the plant to help protect root health, suppress key diseases and maximize yield potential.	Nematodes (suppression), Powdery mildew (suppression)	FRAC Group 7	12	0	6.5 to 6.84 fl. oz./A
	FUNGICIDES	 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.	Anthracnose (suppression), Powdery mildew, White mold (suppression)	FRAC Group 7 (SDHI) FRAC Group 11 (QoI)	12	3
 Previcur^{FLEX}		Provides proven control of damaging diseases by quickly penetrating the plant surface and moving throughout the plant to protect new growth.	Pythium root rots, Seedling diseases	Carbamates FRAC Group 28	12	5	1.2 pt./A (setting water, drip or directed spray)
 REASON		Provides fast-acting, consistently high level of disease control.	Late blight, Phytophthora blight of foliage and fruit (suppression), Septoria leaf spot (suppression)	FRAC Group 11 (QoI)	12	14	5.5 to 8.2 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.	Bacterial spot, Botrytis, Early blight (suppression), Fusarium, Phytophthora, Pythium, Rhizoctonia, Southern blight, Target spot, Verticillium	<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.	Bacterial spot, Botrytis, Early blight (suppression), Target spot	<i>Bacillus subtilis</i> , QST 713 FRAC Group 44	4	0	14 to 20 oz./A

*See product label for specific rates for target pests. **Baythroid^{XL} and Leverage³⁶⁰ are Restricted Use Pesticides.