

POTATO RECOMMENDED APPLICATION TIMING

PESTS	PRODUCT	SEED TREATMENT/ PRE-PLANT	PLANTING	EARLY DEVELOPMENT	TUBER INITIATION	TUBER BULKING	HARVEST
APHIDS, LEAFHOPPERS	ADMIRE PRO	[Blue bar]					
	LEVERAGE 360*					[Blue bar]	
	SIVANTO prime				[Blue bar]		
APHIDS	MOVENTO HL			[Blue bar]			
COLORADO POTATO BEETLES	ADMIRE PRO	[Blue bar]					
	LEVERAGE 360*			[Blue bar]		[Blue bar]	
MITES	MOVENTO HL			[Blue bar]			
	o-b-e-r-o-n					[Blue bar]	
NEMATODES	MOVENTO HL			[Blue bar]			
	VELUM PRIME**		[Blue bar]				
PSYLLIDS	ADMIRE PRO	[Blue bar]					
	MOVENTO HL			[Blue bar]			
	o-b-e-r-o-n					[Blue bar]	
	SIVANTO prime				[Blue bar]		
BOTRYTIS, BROWN SPOT, EARLY BLIGHT	Luna TRANQUILITY			[Green bar]			
	SCALA			[Green bar]			
LATE BLIGHT	Previcur			[Green bar]			
BLACK DOT, WHITE MOLD	Luna TRANQUILITY			[Green bar]			
	SERENADE ADO			[Purple bar]			
SEED AND SOIL- BORNE DISEASES	EMESTO SILVER	[Dark Blue bar]					
	MINUET		[Purple bar]				

*Do not use if Admire® Pro was used at planting. Do not use at bloom.
 **In-furrow, at-plant uses where allowed by 2(ee).

[Blue bar] Insecticides/Miticides/Nematicides [Green bar] Fungicides [Purple bar] Biologicals [Dark Blue bar] Seed Piece Treatment















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.

Signal word for Baythroid® XL and Leverage® 360: WARNING. Signal word for all other products: CAUTION.
 ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Baythroid® XL and Leverage® 360 are restricted use pesticides. 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®, Baythroid®, Emesto®, Leverage®, Luna Tranquility®, Minuet™, Movento® HL, Oberon®, Previcur®, Scala®, Serenade®, Sivanto® and Velum® 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. 1T022110104

The Bayer Potato Protection Portfolio

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

	PRODUCT	KEY PESTS/DISEASES CONTROLLED	CHEMICAL CLASS GROUP NO.	REI (HOURS)	PHI (DAYS)	USE RATE*
INSECTICIDES/MITICIDES/NEMATOCIDES	 ADMIRE PRO A soil-applied systemic insecticide that provides economical and enduring control of damaging insects.	Aphids, Colorado potato beetles, Flea beetles, Psyllids, Wireworms (seed piece treatment)	Neonicotinoids IRAC Group 4A	12	N/A	Soil: 5.7 to 8.7 fl. oz./A Seed piece treatment: 3.5 to 7 fl. oz./A
	 BAYTHROID XL ** Quickly knocks down a wide range of pests, provides long-lasting residual and high return on investment.	Cabbage loopers, Colorado potato beetles, Cutworms	Pyrethroids IRAC Group 3	12	0	0.8 to 2.8 fl. oz./A
	 LEVERAGE 360 ** Features two modes of action against harmful sucking and chewing pests – one delivers fast knockdown, the other extends residual control.	Aphids, Cabbage loopers, Colorado potato beetles	Neonicotinoids IRAC Group 4A Pyrethroids IRAC Group 3	12	7	2.8 fl. oz./A†
	 MOVENTO HL Features powerful, two-way movement throughout the plant to protect it from a broad range of insects, mites and nematodes.	Aphids, Mites (suppression), Nematodes (suppression), Psyllids, Wireworms (suppression)	Tetramic acids IRAC Group 23	24	7	2 to 2.5 fl. oz./A
	 o.b.e.r.o.n Provides excellent control of mites and psyllids but soft on beneficials, making it a good miticide choice that fits well in IPM systems.	Psyllids, Twospotted spider mites	Tetronic acids IRAC Group 23	12	7	4 to 8 fl. oz./A (Oberon® 4 SC)
	 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.	Aphids, Colorado potato beetles, Leafhoppers, Potato psyllids, Whiteflies	Butenolides IRAC Group 4D	4 (12 in CA)	7	7 to 14 fl. oz./A
FUNGICIDES	 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), Early blight (suppression), White mold (suppression)	FRAC Group 7	12	7	6.5 to 6.84 fl. oz./A
	 Luna TRANQUILITY 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 dot, Botrytis, Brown spot, Early blight, White mold	FRAC Group 7 (SDHI) FRAC Group 9 (AP)	12	7	8 to 11.2 fl. oz./A
	 Previcur FLEX Provides proven control of damaging diseases by quickly penetrating the leaf surface and moving throughout the plant to protect new growth.	Late blight	Carbamates FRAC Group 28	12	14	0.7 to 1.2 pt./A + tankmix partner
BIOLOGICALS	 SCALA Provides high level of control against many economically damaging diseases and helps control many resistant disease strains.	Botrytis, Brown spot, Early blight	FRAC Group 9 (AP)	12	7	7 fl. oz./A
	 MINUET Minuet is a soil-applied biological. In the soil, it forms a symbiosis with the plant and triggers activation of root and plant growth as well as the plant defense response to support healthy plants and increased crop quality and yield potential.	Pythium, Rhizoctonia, Verticillium	<i>Bacillus subtilis</i> , QST 713 FRAC Group 44	4	0	12 to 24 fl. oz./A
	 SERENADE ASO Provides protection against soil and foliar fungal and bacterial diseases through multiple sites of action with a flexible application.	Soil Application: <i>Erwinia</i> spp., <i>Fusarium</i> spp., <i>Phytophthora</i> spp., <i>Pythium</i> spp., <i>Rhizoctonia</i> spp., <i>Verticillium</i> spp. Foliar Application: Black dot, Botrytis, Early Blight, White Mold	<i>Bacillus subtilis</i> QST 713 FRAC Group 44	4	0	2 to 4 qt./A
SEED PIECE TREATMENT	 SERENADE OPTI Provides protection against foliar fungal and bacterial diseases through multiple sites of action with a flexible application.	Black rot, Botrytis, White Mold (suppression)	<i>Bacillus subtilis</i> QST 713 FRAC Group 44	4	0	14 to 20 oz./A
	 EMESTO SILVER An innovative seed treatment fungicide that helps manage seed and soil-borne disease and promotes early crop establishment and seed vigor.	Fusarium tuber rot (suppression), Seed and soil-borne Rhizoctonia (suppression), Silver scurf (suppression)	FRAC Group 7 (SDHI) FRAC Group 3 (DMI)	12	N/A	0.3 fl. oz./cwt

*See product label for specific rates for target pests. **Baythroid® XL and Leverage® 360 are Restricted Use Pesticides. †Do not use if Admire® Pro was used at planting. Do not use at bloom.