



DuPont™
Exirel®
insect control

Draw More Looks in the Supermarket.

Help your blueberries realize their ultimate potential. DuPont™ Exirel® insect control powered by Cyazypyr® is a groundbreaking product from DuPont that provides protection from insect pests for plants from start to finish. When you put Exirel® to work on your operation, you can expect a level of protection unlike anything you've seen before.

The wow factor.

This solution offers a state-of-the-art mode of action that protects ripening berries from a cross spectrum of critical pests for a more appealing crop at harvest. Exirel® helps growers deliver strong, healthy and profitable crops, and also has a favorable worker protection standard and environmental profile.

Protect your investment with rapid fruit protection.

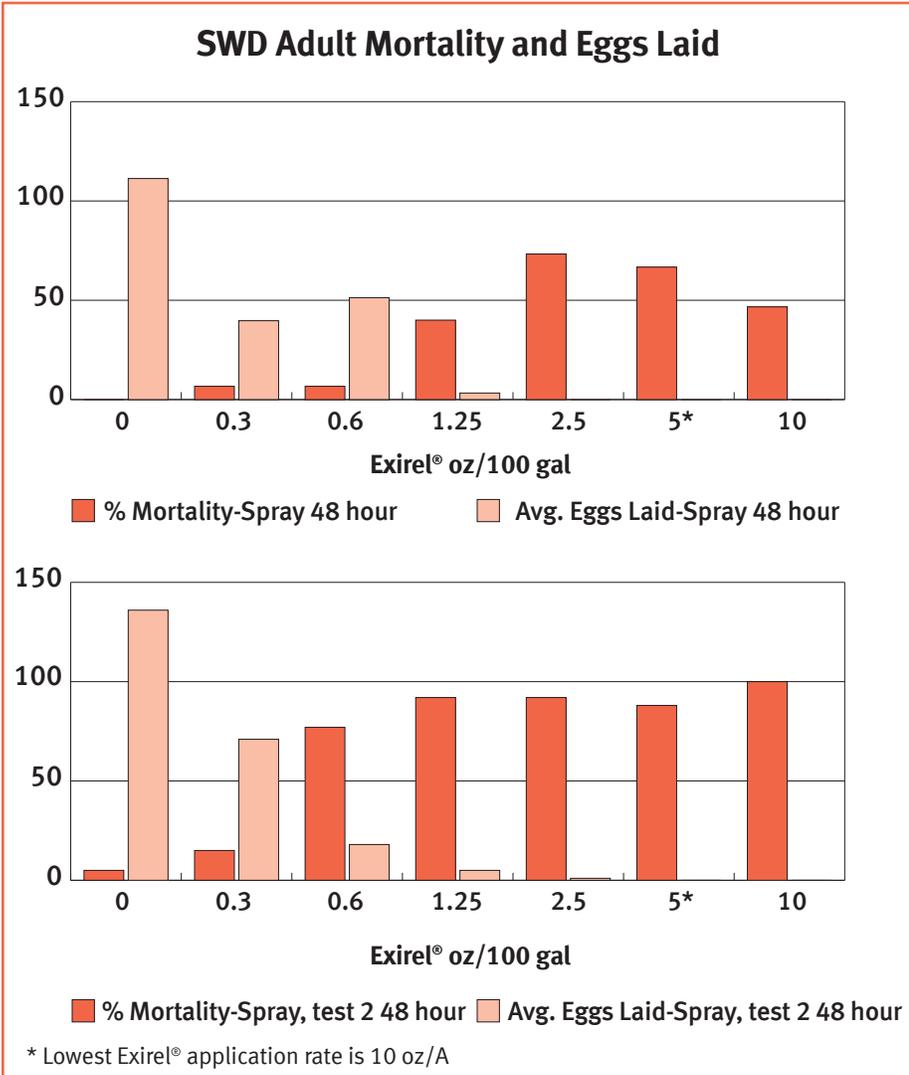
Through its unique mode of action, Exirel® impacts multiple life stages and the ability of adult insect pests, such as spotted wing drosophila (SWD), to lay eggs:

- Reduces incidence of egg-laying that causes fruit damage
- Provides cross-spectrum control of spotted wing drosophila and other key insects

DuPont™ Exirel® impairs egg-laying.

Exirel® impacts SWD through direct mortality and prevents egg lay of adult survivors. A study conducted in Oregon in 2012 showed Exirel® delivered significant SWD adult mortality. The few SWD adults who survived exposure to the higher rates of Exirel® had egg lay reduced by 98 to 100%.





Source: Dr. Peter Shearer, Oregon State University, 2012 Blueberries

Preserve the long-term health of your land.

This technology provides an option for control of insect pests that have become resistant to other modes of action.

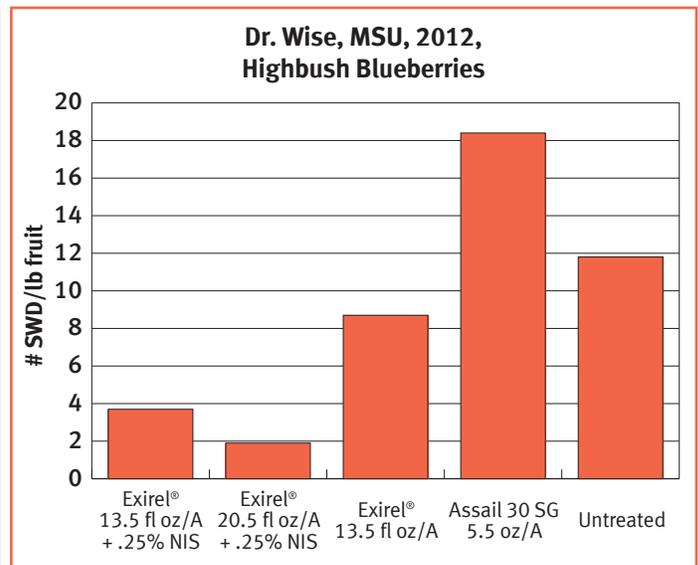
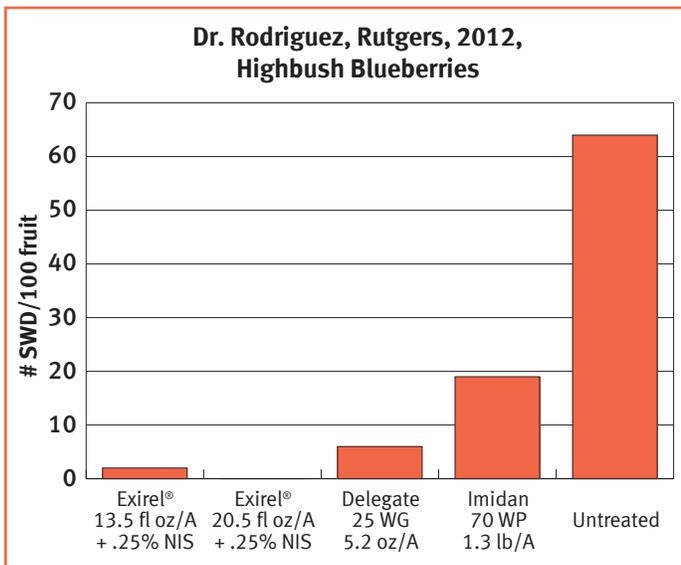
- Delivers cross-spectrum control of spotted wing drosophila and other key insect pests.
- Favorable environmental and toxicological profiles.
- Granted Reduced Risk classification by EPA for use on blueberries and other labeled crops.
- Strong fit in IPM programs — moderate to no impact on parasitoids and predators
- Makes an ideal addition to any resistance management program.



Realize the full potential of your blueberries.

Rejection of produce can be costly. DuPont™ Exirel® gives you the freedom to operate in major export markets, including Canada, Japan and Mexico. Plus, the EU MRL is expected in April, 2015. Exirel® reduces the opportunity for produce rejection by protecting fruit from spotted wing drosophila (SWD). These studies in Michigan and New Jersey show that Exirel® at 13.5 oz/A plus a nonionic adjuvant provided better fruit protection than industry standards.

Protecting Fruit from SWD



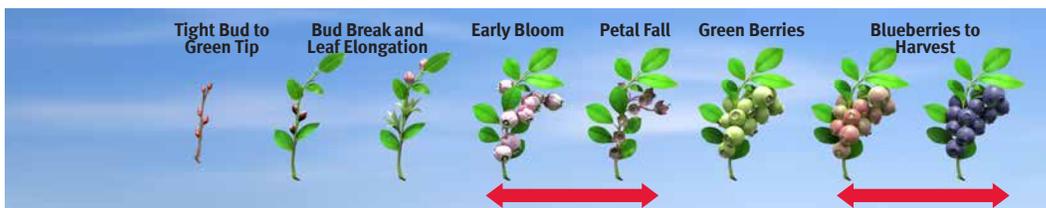
Source: Dr. Rodriguez, Rutgers, EAF-12-789, 2012: three applications at 7-day intervals; application dates: July 5, July 12, July 19. Evaluation made 6 days after last application.

Dr. Wise, Michigan State University, MWH-12-789, 2012: three applications at 14-day intervals; application dates: June 29, July 13, July 27. Evaluation made 13 days after last application.

“Exirel® has also been registered for use in blueberries against spotted wing drosophila (SWD) at 13.5 ounces per acre. This has shown excellent control against SWD in our trials, and as a diamide insecticide, it provides an additional mode of action, useful in resistance management.”

— MSU Extension, June 2014

SWD Management Recommendations for Michigan Blueberry



Season-long protection for lowbush blueberries with DuPont

Avaunt® insecticide Fruitworms, plum curculio ¹	Exirel® insect control (2 back-to-back applications) Spotted wing drosophila, blueberry maggot
	Lannate® insecticide Spotted wing drosophila, blueberry maggot
Fontelis® fungicide² Botrytis, powdery mildew, leaf spot	
Matrix® SG³ herbicide Dormant or directed throughout the year. Matrix® SG provides flexibility on timing, ease of partnering and crop safety.	

Season-long protection for highbush blueberries with DuPont

Avaunt® insecticide Fruitworms, plum curculio ¹	Exirel® insect control (2 back-to-back applications) Spotted wing drosophila, blueberry maggot
	Lannate® insecticide Spotted wing drosophila, blueberry maggot
Matrix® SG³ herbicide Dormant or directed throughout the year. Matrix® SG provides flexibility on timing, ease of partnering and crop safety.	

Your guide to best results.

Follow these Exirel® program recommendations for blueberries:

- Apply Exirel® at a rate of 13.5 to 20.5 fluid ounces per acre.
- Good spray coverage of the fruit is very important and use of an adjuvant is critical.
- Adjust water volume to size of bush. Examples: 30–50 gallons of water for highbush blueberries; 75–150 gallons of water for rabbiteye blueberries (variety grown in the South).

Learn more.

Contact your local DuPont retailer or representative to learn how you can produce a more appealing crop at harvest with Exirel® insect control from DuPont. Visit us at exirel.dupont.com.

¹ For use to control plum curculio in NC and NJ only. See 2(ee) Recommendation.

² Not for use on blueberries in California.

³ 21 day PHI

The EPA registered label contains the statement, "Exirel® is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds if bees are foraging in the treatment area."

In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.

Some products may not be registered for sale or use in all states. Contact your local DuPont representative for details and availability in your state.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations.

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Reorder No.: K-29159 (Replaces K-28527-1)