



Prepare to be proud.



DuPont™
Exirel™
insect control
powered by
CYAZYPYR™

Help your trees realize their ultimate potential. DuPont™ Exirel™ insect control powered by Cyazypyr™ is a groundbreaking new product from DuPont that provides you with early-season protection from insect pests for healthier and better-looking trees. When you put Exirel™ to work on your operation, you can expect a level of protection unlike anything you've seen before.

Introducing the wow factor.

This new solution offers a new mode of action against a cross spectrum of sucking and chewing pests for an improved harvest this year and enhanced grove health overall. A spring and summer flush foliar application to mature, fruit-bearing citrus trees can protect

developing foliage and fruit from Asian citrus psyllids that vector citrus greening and citrus leafminers that are associated with the spread and prevalence of citrus canker, two devastating diseases.

Grow more, higher-quality citrus.

Exirel™ protects developing foliage and fruit to produce a healthier, stronger crop, leading to consistently better yield and quality:

- In university trials, spring and summer flush applications helped increase shoot length/growth by nearly 2 inches (from May to August), and in 11 field demonstration trials across the state of Florida from 2011–2013 (eight in process orange and three

in grapefruit), increased average yield by 9.5% of total pounds of fruit over the grower standard.

- Minimizes opportunity for transmission of greening disease by controlling Asian citrus psyllid and reducing the ability of Asian citrus psyllid to feed in plant tissue that harbors the Huanglongbing (HLB) bacteria.
- Optimized leaf penetration and local systemic movement improves coverage and protection from pests to improve a plant's resilience to stress.



Exirel™

Grower standard



In 2012 Florida University trials, DuPont™ Exirel™ delivered outstanding residual control on Asian citrus psyllid, resulting in visibly healthier foliage.

Protect your trees' potential for a better harvest.

Exirel™ offers a novel mode of action against sucking pests that stops feeding fast and delivers outstanding, extended crop protection:

- Works almost immediately to protect foliage and developing fruit against damage by feeding pests.
- Delivers cross-spectrum control to manage psyllids, leafminers, thrips, lepidoptera species and other highly prolific and difficult-to-control pests.



Exirel™, (left) stops feeding faster than a standard treatment (right) to deliver superior protection against citrus leafminer

Source: DuPont LPD, Florida 2012

“Our trial with Exirel™ was set up to compare fully grown, mature trees with Exirel™ or with a comparison, and we evaluated the trees for yield and the amount of fruit on the tree. The most important parts are the yield, the amount of fruit and the amount of sugar that’s in the fruit.

“The primary benefit that we saw was with the yield. We got an increased yield in the trees that received the Exirel™ [treatments]. The yield response with Exirel™ was just an added bonus, because it’s primarily going to be used as an insecticide against some of the insects that are a problem within citrus.

“Anytime you can use a product that also enhances the tree health that also increases your fruit yield, that’s just a plus.”



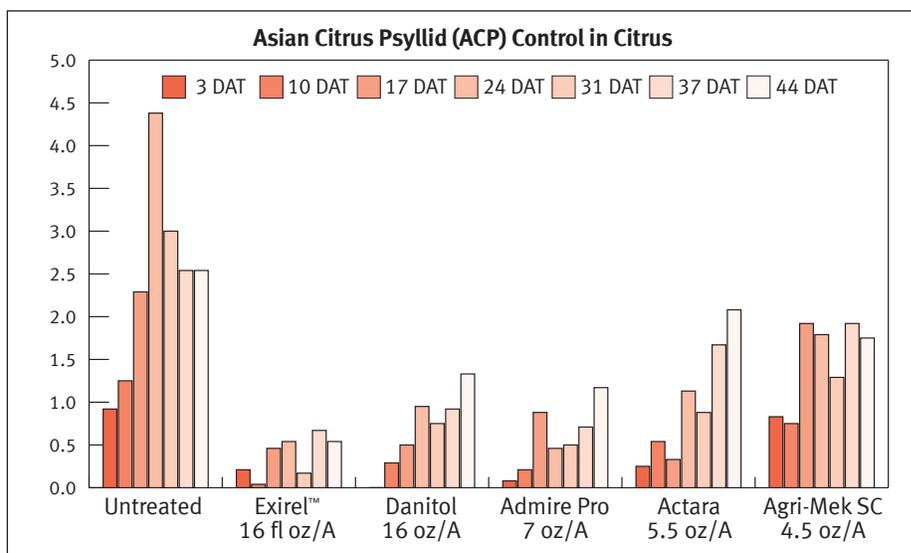
— Dr. Robert Rouse,
observer of Exirel™,
Associate Professor of Horticulture,
University of Florida



Preserve the long-term health of your grove.

This new technology provides a new option for control of sucking pests that have become resistant to other modes of action, helping support the long-term viability of citrus groves.

- Delivers superior control of adult and nymph Asian citrus psyllid as compared to grower standard.
- Moves into leaves and redistributes as leaves expand, selectively controlling pests that feed on plant tissues without disrupting beneficial populations (excluding bees).
- Ideal addition to any resistance management program.



In field tests conducted by the University of Florida in Immokalee, Florida, (SWFREC IFAS UF, 2012) Exirel™ delivered outstanding residual control of Asian citrus psyllid.

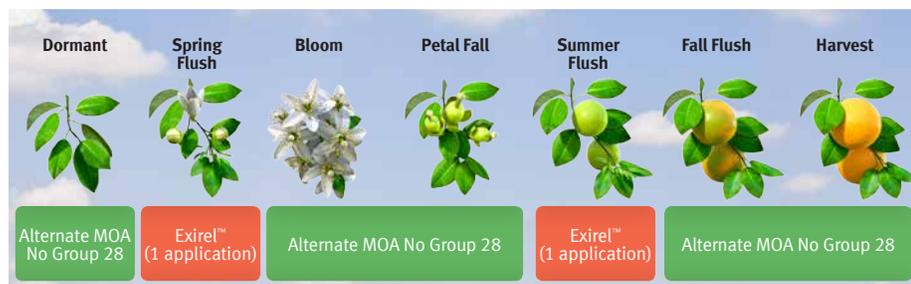
“Exirel™ could improve your bottom line not only from insect control within a given year...but also the longevity of the trees, by controlling psyllids.”

— Henry Yonce,
Custom Applicator and Evaluator of Exirel™ and Verimark™,
President, KAC Agriculture Research



Your guide to best results.

DuPont™ Exirel™ program recommendations for mature Florida citrus



- Apply Exirel™ at a rate of 16 fluid ounces per acre + adjuvant at spring and summer flush.
- Make no more than two applications of Exirel™ or other Group 28 products per generation to the same insect pest on a crop.
- Thorough coverage is essential.
- For low-volume ground applications, do not apply less than 2 gallons of finished spray solution per acre.
- For best results, use air-blast applications at 100–150 gallons/acre.

Learn more.

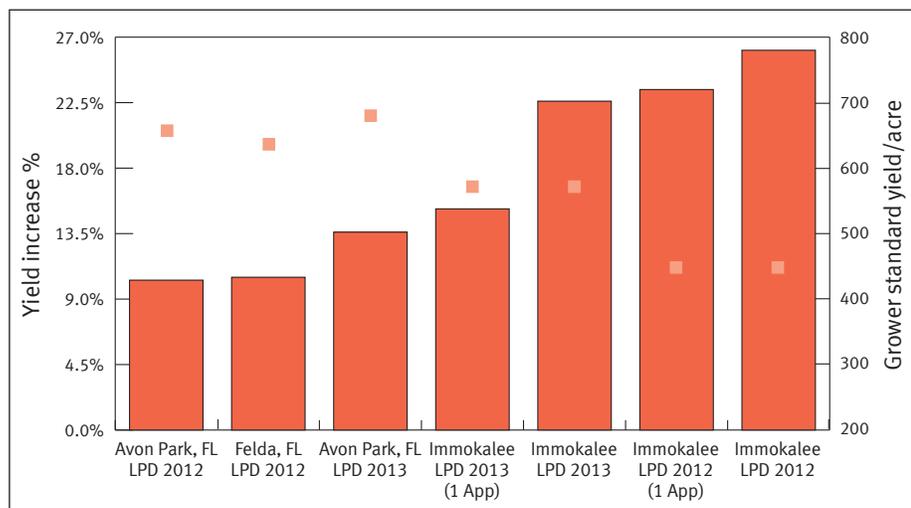
Contact your local DuPont retailer or representative to learn how you can produce a more appealing crop at harvest with Exirel™ insect control from DuPont. Visit us at exirelcitrus.dupont.com.



Spring and summer flush applications of DuPont™ Exirel™ insect control resulted in a more vigorous flush and visibly larger fruit in citrus, 2012 LPD, Florida

Reducing stress provides an opportunity for improved yield.

Exirel™ increased yield (boxes/A) by an average of 9.5% over grower program and it provided higher yield 75% of the time on all citrus trials in 2012 and 2013.



All trials on Hamlin acres

The EPA registered label contains the statement, "This product 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."
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 Agri-Mek and Danitol are restricted-use pesticides. 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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