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Authors

Portillo, Hector E.
Royal, Stanley S.
Taylor, James E.
[et al.](#)

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Introducing DuPont Exirel™ and Verimark™ new insect control products for pest management and optimizing yield in Florida citrus

Portillo, H.E.¹, Royal, S.S.², Taylor, J.E.³, Temple, J.H.⁴, Truskowski, A.T.⁵, Mares, J.T.⁶, Cameron, R.A.¹, Annan, I.B.¹ and Alvarez, J.M.¹

¹DuPont Crop Protection. Stine Haskell Research Center, 1090 Elkton Road, Newark, DE; Rachel.A.Cameron@dupont.com (302-366-5441), Hector.E.Portillo@dupont.com (302-366-6485), I-Billy.Annan@dupont.com (302-366-5155), Juan.M.Alvarez@dupont.com (302-366-5713)

²DuPont Crop Protection, 4265 Harmony Road, Girard, GA 30426; Stanley.Royal@dupont.com (912-829-3826)

³DuPont Crop Protection, 6922 Jamestown Manor Dr. Riverview, FL 33578; James.E.Taylor-1@dupont.com (813-294-7637)

⁴DuPont Crop Protection, 6922 Jamestown Manor Dr. Riverview, FL 33578; Joshua.H.Temple@dupont.com (941-567-4049)

⁵DuPont Crop Protection, 8295 Tournament Dr. Suite 300, Memphis, TN; ALEX.T.TRUSZKOWSKI@dupont.com

⁶DuPont Crop Protection, 2509 Rocky Ford Road, Valdosta, GA; Joseph.T.Mares@dupont.com

DuPont™ Exirel™ and Verimark™ insect control contain DuPont™ Cyazypyr™ insecticide, the second active ingredient from the anthranilic diamide class of chemistry, and the first to control a cross-spectrum of insect pests including Lepidoptera, Dipteran leafminers, fruit flies, beetles, whiteflies, thrips, aphids, leafhoppers, psyllids and weevils, while conserving key predators and parasitoids. Exirel™ and Verimark™ deliver a novel mode of action that impacts insect behavior by impairing muscle function. Intoxicated insects stop feeding rapidly, resulting in excellent plant protection. Exirel™ is designed for foliar applications to optimize leaf penetration and spray coverage. Exirel™ applied at the major flush periods provides excellent protection against Asian citrus psyllid adult and nymphs and citrus leafminer for extended periods, generally 3-4 weeks.

Verimark™ is designed specifically for soil applications to optimize root uptake and translocation. Verimark™ can be applied as a soil drench or injected through microsprinkler irrigation to young citrus trees from resetting in the field up to when trees reach a size of about 5 ft tall. Verimark™ provides excellent protection of continuously flushing young citrus trees against Asian citrus psyllid and citrus leafminer. New flush protection can last sixty days after a single application of Verimark™. The impact of Exirel™ and Verimark™ in the sustainability of citrus production will be discussed.