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

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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.