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Certis Belchim develops novel Eradicoat T tool to protect maizeÂ from Fall Army Worm

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Certis Belchim has introduced Eradicoat T to evaluate FAW in several African and Asian countries. Based on the natural substance maltodextrin, a starch derived from maize, Eradicoat T uses maize to protect maize. It is formulated with natural, plant-derived oils and water in a water-soluble concentrate formulation. With a broad spectrum of activity, it is effective against a range of pests including Army Worms, Spider mites, Whiteflies, Thrips, Aphids and Mealy bugs on various crops (maize, cotton, cocoa, vegetables and fruits).

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The development of resistance is already proving to be a major issue in FAW control and poses a serious threat to maize production and food security. Eradicoat T offers an invaluable solution in terms of resistance management: its 100% physical mode of action (MoA) completely removes the risk of target pests developing resistance.

The natural and non-GMO ingredients used to formulate Eradicoat T ensure that the product has several other intrinsic advantages: no residues in the plant, no phytotoxicity, no pre-harvest interval and, with no toxic effect, is safe for end users and consumers.

As a physical-acting insecticide, it coats and dries on the target pest, thus blocking the spiracles and leading to quick knock-down and death by suffocation. Using a second MoA it also immobilises its targets, causing death from starvation and exhaustion. With this double MoA, while being â??softâ?• on plants and gentle to auxiliary fauna, Eradicoat T is the ideal â??high-techâ?? solution to be used alone or integrated as a partner with other biological and chemical controls in Integrated Pest Management programs.

Eradicoat T is proving to have great efficacy against FAW as a safe and environmentally friendly biorational product. It is a valuable tool in resistance management for growers offering proven efficacy on a broad spectrum of crops and competing effectively with conventional chemicals. With minimum impact on beneficials, gentle effect on natural processes and no residues, it has zero days harvest interval and zero days re-entry period, giving the product very strong advantages. Quick knock down, quick kill and no risk of resistance development complete Eradicoat Tâ??s credentials as the perfect partner for use alone or in an IPM program.