

Seed Treatment Tech Sheet

KingFisher Treated Corn



MaximQuattro Fungicide

- Unmatched broad-spectrum protection against seed- and soil-borne diseases
- As a fourth mode of action, thiabendazole enhances the proven protection of Maxim 4FS, Apron XL and Dynasty
- Best-in-class systemic protection against Fusarium species including Fusarium graminearum and Fusarium verticillioides
- Helps clean up seed surface and internal pathogens
- Produces stronger, healthier plants by protecting seedlings
- Helps increase nematocidal activity when used as a component of Avicta Complete Corn



At A Glance

Contains:

MaximQuattro Fungicide
Vibrance Fungicide
Storicide Insecticide Storage
Treatment

Protection against
Rhizoctonia, Fusarium, and
Nematodes

Enhanced Protection Against Nematodes: Though microscopic and difficult to detect, nematodes can cause significant damage to the crops they infect. By feeding in or on plant roots, nematodes create an entry point allowing viruses and bacteria to attack the root and weaken the plant. Even if there are no visual symptoms, yield and profit potential may be hindered from nematode damage. Studies show that Maxim Quattro, when used as a component of Avicta Complete Corn, may help increase activity on nematodes and therefore help increase yield potential.

By creating an initial zone of defense, Maxim Quattro helps strengthen the seedling which leads to a healthier plant throughout the season. Together, the four active ingredients – thiabendazole, azoxystrobin, mefenoxam and fludioxonil – provide unsurpassed protection against corn seed- and soil-borne diseases. Thiabendazole offers best-in-class Fusarium protection, specifically against Fusarium verticillioides. Thiabendazole improves an already successful seed treatment portfolio by offering a new mode of action with systemic protection from day one. Maxim Quattro helps clean up surface and internal pathogens on or in the seed, resulting in a stronger plant from the inside out.

Protect Against Fusarium for a Healthier Crop: Fusarium is a genus of harmful fungi found in plants. Distributed through the soil, it enters through the roots or at



1828 Freedom Rd.
Suite 101
Lancaster, PA 17601
(717) 687-6224

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the soil line, causing plants to wilt and decay. Fusarium can inflict severe damage not only to the crop, but also to the field. Fludioxonil promotes healthy plants from the very beginning by offering proven protection against *Fusarium graminearum*, one of the most common types of Fusarium. Thiabendazole reduces infection of a lesser-known, but equally damaging Fusarium species – *Fusarium verticillioides*. With the added protection, roots remain unharmed and develop into vigorous, healthy plants.

Mycotoxins: *Fusarium verticillioides* may cause severe damage to plants by infecting the roots, but it can also produce mycotoxins. If mycotoxin levels increase, they can be very harmful to crop quality. Protecting corn plants against *Fusarium verticillioides* using a seed treatment fungicide such as Maxim Quattro may decrease the threat of mycotoxins and their harmful side effects.



Vibrance Fungicide

Vibrance® seed treatment fungicide is formulated to boost a crop's rooting power by delivering

enhanced disease protection that leads to strong root systems and improved crop performance in more than 18 different crops. Through its SDHI mode of action, Vibrance provides *Rhizoctonia* protection across a variety of crops while helping to ensure yield consistency under a broad range of conditions.

- Delivers *Rhizoctonia* protection and longer-lasting disease protection in multiple crops
- Produces healthier, stronger stems and foliage better able to withstand stresses from weather, diseases and insects
- Contains Sedaxane, specifically developed by Syngenta with characteristics to maximize its performance as a seed treatment
- Provides long-lasting protection and strong performance under a wide range of environmental conditions
- Conveniently formulated for easy application to other pre-mixes



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