



# CruiserMaxx Corn 250 and I250

## Overview

CruiserMaxx® Corn insecticide/fungicide seed treatment protects corn seed and seedlings against early-season insects and seed- and soil-borne diseases leading to increased plant stand, uniformity, vigor and yield. A combination of Cruiser® seed treatment insecticide and Maxim® Quattro seed-applied fungicide, CruiserMaxx Corn offers systemic protection against several *Fusarium* species, including *Fusarium graminearum* and *Fusarium verticillioides*, and protection against a variety of early season insects, such as wireworm, seedcorn maggot and chinch bug.

Cruiser CruiserMaxx® Corn 250 insecticide/fungicide is a combination of separately registered products containing 1.128 fluid ounces Cruiser® 5FS seed treatment insecticide and .46 fluid ounces Maxim® Quattro seed-applied fungicide per 80k units.

## More on Insecticide Mode of Action

Contains Thiamethoxam: (Nicotinic Acetylcholine Receptor (NACHR) Agonists (subclass of neonicotinoid chemistry). Neonicotinoids provide broad-spectrum control on a range of insects.

Neonicotinoids act on the central nervous system of insects as an "agonist" of acetylcholine. An "agonist" is a chemical that binds to a receptor and activates the receptor to produce a biological response. It protects against target pests by interfering with receptors that transmit the message to continue feeding.

Neonicotinoids acts on different sites of action in the insect than do organophosphates, carbamates or pyrethroids. After seeds germinate, neonicotinoid molecules are rapidly taken up by the roots and transported into the cotyledons, young shoots and leaves. The systemic movement, along with a long residual activity in the plant, makes the chemistry ideally suited for use as a seed treatment. Neonicotinoid insecticides control early season insect pests in the critical phase of seedling emergence and during the vulnerable, early growth stages of plant development.

## At A Glance

- Helps increase plant stand, uniformity and vigor, and protects yield potential
- Produces stronger, healthier plants
- Protects seedlings from a variety of early-season insect pests, such as wireworm, seedcorn maggot and chinch bug
- Offers broad-spectrum protection against corn seed- and soil-borne diseases
- Best-in-class systemic protection against *Fusarium* species, including *Fusarium graminearum* and *Fusarium verticillioides*

## Active Ingredients

Thiamethoxam, Fludioxonil, Mefenoxam, Azoxystrobin, Thiabendazole

(Cruiser treatment on Masters Choice corn may be added in addition to the base treatment)



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