



syngenta®

Seeing the Difference with **CruiserMaxx** **Peanuts**



CruiserMaxx Peanuts – Bringing the best peanuts forward

CruiserMaxx® Peanuts, the first insecticide/fungicide seed treatment combination for use on peanuts, is the latest in a long line of on-seed innovations from Syngenta. Featuring Cruiser® PD insecticide and Dynasty® PD fungicide, CruiserMaxx Peanuts offers growers convenient, seed-delivered protection in their fight against damaging pests.

Providing effective protection against early-season insects and diseases from day one, CruiserMaxx Peanuts will also help increase vigor, improve stand establishment and increase yield and quality potential by providing protection to peanuts before the seed even germinates.

THE CRUISERMAXX PEANUTS ADVANTAGE

- Increases plant stands, uniformity and vigor
- Improves yield potential
- Helps optimize seeding rates by protecting every peanut to ensure plant establishment
- Provides excellent activity against a broad spectrum of insect pests including thrips and leafhoppers
- Offers growers convenient in-the-bag protection
- Works in variable weather conditions
- Creates minimal dust-off
- Offers more robust and vigorous plants via the Cruiser Vigor Effect, even in the absence of insects
- Results in an average 200 to 300 pound yield increase versus Dynasty PD alone



INSECT PROTECTION FROM CRUISERMAXX PEANUTS

The insecticide component of CruiserMaxx Peanuts, Cruiser, is a systemic, seed treatment insecticide with a broad range of protection against sucking and chewing insects. The active ingredient, thiamethoxam, moves quickly into the plant and targets the nervous systems of peanut pests, causing mortality 24 to 48 hours after exposure. Registered on more than 70 crops, Cruiser is trusted by growers for its effectiveness and its proven ability to protect investments.

Insect Protection

- Thrips
- Leafhoppers
- Aphids
- White grubs
- Three-cornered alfalfa hoppers (suppression)

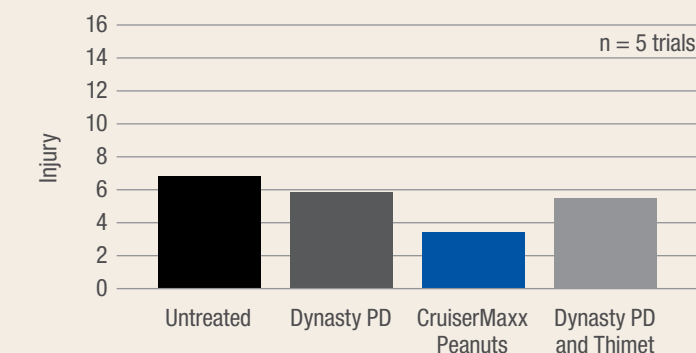
University data has shown CruiserMaxx Peanuts to be just as efficacious on early-season insects (i.e. thrips) as commonly used insecticides at planting (Thimet®).

THE CRUISER VIGOR EFFECT

Since its global introduction in 1997, Cruiser seed treatment insecticide has been recognized for its superior and effective early-season insect protection. Growers and researchers around the world also have been intrigued and impressed with its ability to produce healthier, more vigorous plants even in situations with no visible insect pressure. More than 10 years of research in the United States, Europe and Brazil has led Syngenta to uncover the scientific reason why thiamethoxam, the active ingredient in Cruiser, offers growers more robust and vigorous plants in addition to its superior performance on pests. Specific functional proteins in thiamethoxam interact with various stress-defense mechanisms of the plant, enabling it to grow vigorously, even under adverse environmental conditions. Crops worldwide are responding to thiamethoxam treatments with:

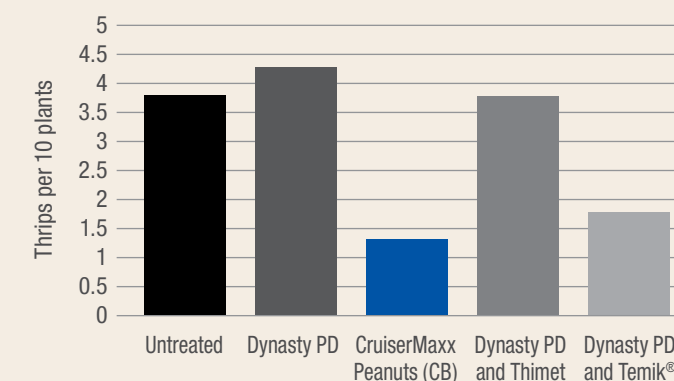
- Faster emergence
- Greater plant stands
- Enhanced root systems
- More vigorous growth
- Higher yield potential

Thrips Damage



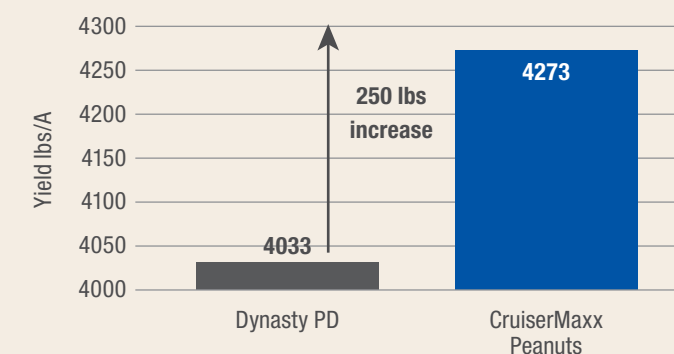
20-32 DAP
Means Southeast and Carolinas
2011 PE Results Meeting; UTW360A3-2011 US & UTW361A3-2011 US

CruiserMaxx Peanuts Activity on Thrips



14-24 DAP
Frankliniella fusca (Hinds) – tobacco thrips
2009 to 2010, University Data

Efficacy of CruiserMaxx Peanuts



Summary of 6 trials (2009-2011), University Data

The addition of Cruiser PD to Dynasty PD (CruiserMaxx Peanuts) provides growers with complete pest protection from early-season diseases and insects, healthier roots and better yields.



CRUISERMAXX PEANUTS DISEASE CONTROL

The fungicide component of CruiserMaxx Peanuts, Dynasty PD, offers excellent plantability, flowability and coverage, as well as protection against damaging soilborne and seedborne diseases.

Seedborne Diseases

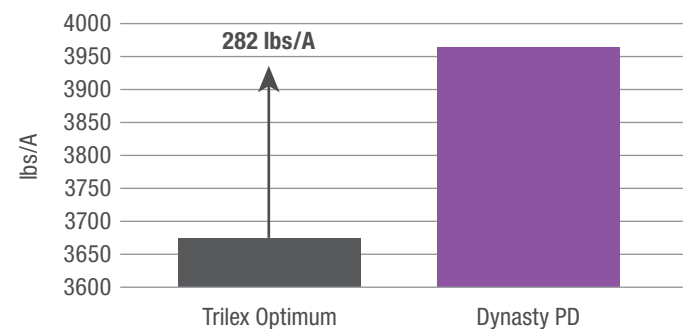
- *Aspergillus niger*
- *Fusarium*
- *Rhizopus*
- *Cylindrocladium* black rot (*seed-borne transmission*)
- *Penicillium*

Soilborne Diseases

- *Rhizoctonia*
- *Pythium*
- *Phytophthora*
- *Fusarium*
- White mold (suppression)

Dynasty PD is proven to protect crops from damaging fungi, which helps increase your bottom line.

Efficacy of Dynasty PD vs Trilex Optimum



Dr. Tim Brenneman – University of Georgia, 2006 to 2009
Peanut Variety: Georgia Green

Seeing the Difference with CruiserMaxx Peanuts

“In 2010, we planted 36 rows of peanuts treated with CruiserMaxx Peanuts. The conveniences and ease definitely make using CruiserMaxx Peanuts seed treatment worth it.”

BRAD WARD, Atmore, Ala.



CruiserMaxx Peanuts shows Cruiser Vigor Effect in field trials.

Source: 2010 Field Demo, seed treated with CruiserMaxx Peanuts vs. Dynasty PD + Thimet insecticide