



ApronMaxx® seed treatment fungicide has proven itself in real-world situations. The standard mefenoxam rate in ApronMaxx delivers nearly two times the equivalent active ingredient of the competition's standard package. This is achieved by using the active isomer of metalaxyl known as mefenoxam (Apron XL) and delivering more active ingredient per seed, a benefit that is unique to ApronMaxx fungicides. An additional spike of Apron XL may be added to the standard rate of mefenoxam in ApronMaxx premix formulations for additional *Pythium* and *Phytophthora* activity.

For even more effective protection against early-season pests, ApronMaxx can be slurried with Cruiser® seed treatment insecticide for broad-spectrum insect and disease protection in one convenient application – CruiserMaxx® Beans.

See how the Syngenta Seedcare fungicide portfolio stacks up against the competition:

- Market-leading fungicides
- Better root development
- Better plant stands
- Lower use rates
- Higher yield potential

#### Apron XL and Allegiance Rate Equivalency Chart

Mefenoxam is used at half the rate of metalaxyl to deliver the same level of disease protection.

Product	Rate (oz/100 lbs. of seed)	Equivalent Active Ingredient in g/100 kg of Seed
Apron XL® (mefenoxam)	0.16 oz	3.75 g
	0.32 oz	7.5 g
	0.64 oz	15.0 g
Allegiance® FL (metalaxyl)	0.2 oz	2.0 g
	0.375 oz	3.75 g
	0.75 oz	7.5 g
	1.5 oz	15.0 g



Trifloxystrobin (5 gm ai/100 kg) + Allegiance + Cruiser



CruiserMaxx Beans



Pyraclostrobin (5 gm ai/100 kg) + Allegiance + Cruiser

#### DISEASE CONTROL COMPARISON FOR SOYBEANS

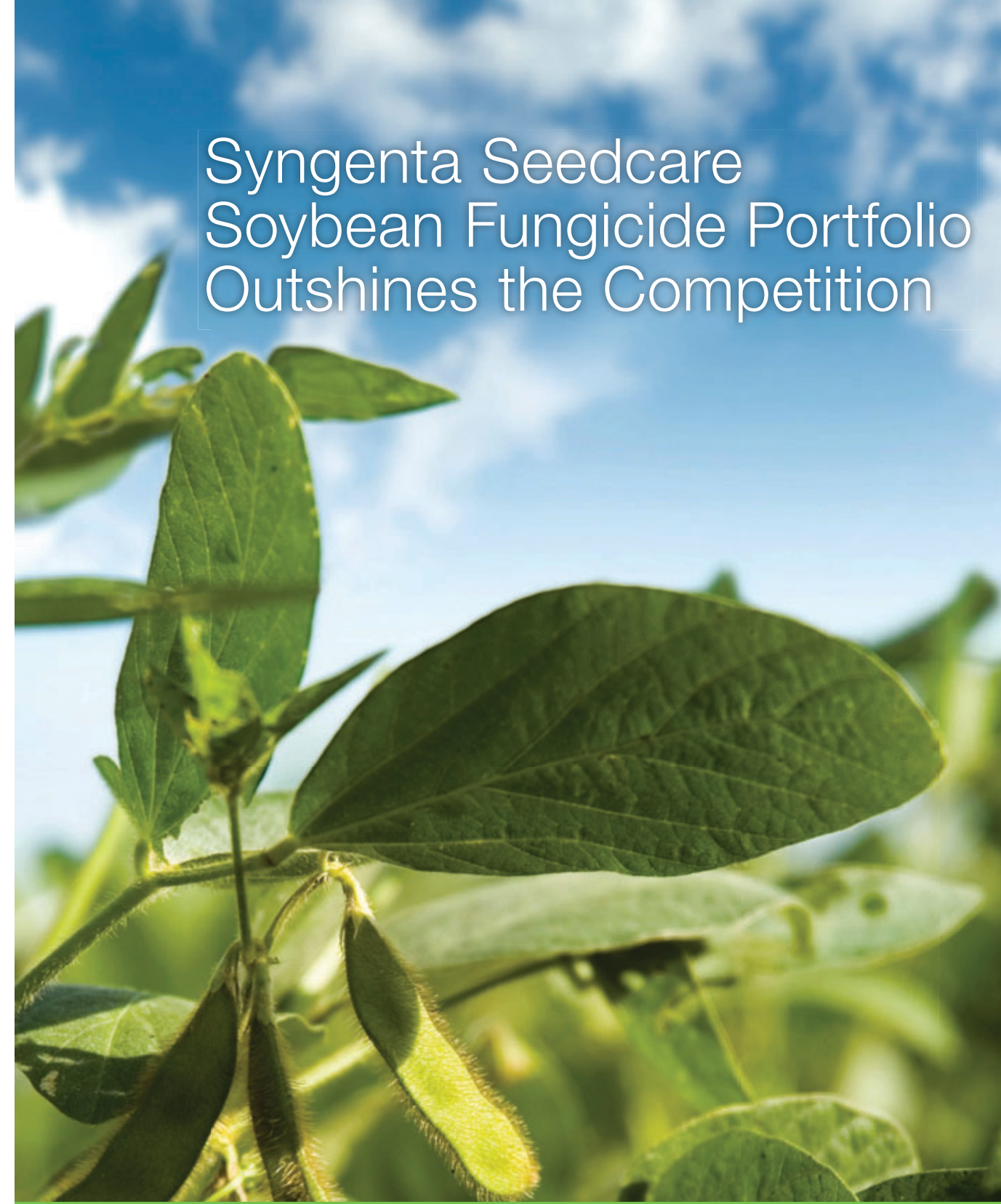
Trade Name	Active Ingredients	<i>Phytophthora</i> Damping-Off	<i>Pythium</i> Damping-Off	<i>Rhizoctonia</i> Damping-Off	Seed-Borne <i>Phomopsis</i>	<i>Fusarium</i> Damping-Off	Seed-Borne <i>Sclerotinia</i>
ApronMaxx	Mefenoxam, Fludioxonil	<b>G</b>	<b>E</b>	<b>G</b>	<b>G</b>	<b>E</b>	<b>E</b>
Apron XL*	Mefenoxam	<b>E</b>	<b>E</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>
Trilex®	Trifloxystrobin	<b>NA</b>	<b>F</b>	<b>F</b>	<b>NA</b>	<b>F</b>	<b>NA</b>
Stamina®	Pyraclostrobin	<b>NA</b>	<b>F</b>	<b>F / G</b>	<b>NA</b>	<b>F</b>	<b>NA</b>
Harp-N-Tek®	Harpin	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Allegiance®	Metalaxyl	<b>E</b>	<b>E</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>

**E** = excellent **G** = good **F** = fair **N** = none **NA** = information not available

\*For fields with a history of early-season *Phytophthora*, add additional Apron XL (0.16–0.48 fluid ounces per cwt) to the standard rate of mefenoxam in ApronMaxx brand products.

Note: Efficacy based on labeled rate of active ingredient.

# Syngenta Seedcare Soybean Fungicide Portfolio Outshines the Competition



For more information, visit the Syngenta Crop Protection website: [www.syngentacropprotection.com](http://www.syngentacropprotection.com) or [www.farmassist.com](http://www.farmassist.com), or call the Syngenta Customer Center at 1-866-SYNGENTA (866-796-4368).

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Important: Always read and follow label directions before buying and using Syngenta products. The instructions contain important conditions of sale, including limitations of warranty and remedy.

CruiserMaxx Beans is one or more separately registered products or combination of products containing the following: CruiserMaxx; CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide.

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Syngenta Seedcare™ provides soybean growers with seedling disease protection they can count on through a proven fungicide portfolio, which includes ApronMaxx® fungicide, a powerhouse combination of Maxim® 4FS and Apron XL® fungicides, that offers the best disease protection available in a seed treatment for a strong early-season start and the best chance at a successful harvest.

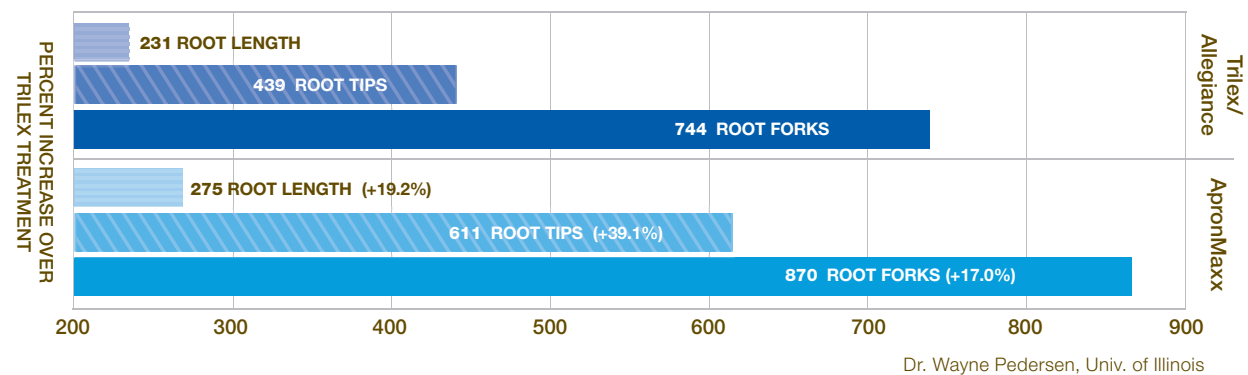
Maxim 4FS and Apron XL seed treatment fungicides have consistently proven to protect against all major early-season seed- and soil-borne disease pathogens, and that is why they are the market-leading, tried and true brands of choice for growers.

Applied by seed companies, retailers or growers, seed treatment fungicides are a convenient way to reduce the threat of early-season diseases and provide protection of crop investment, which, in turn, can increase the chances of higher yields.

There is no doubt the Syngenta Seedcare soybean fungicide portfolio outshines the competition. These fungicides have consistently outperformed competitive products like Stamina®, Trilex®, Allegiance® and generic metalaxyl to produce plants with better root systems and higher yield potential.

ApronMaxx offers increased root development compared to a combination of Trilex and Allegiance in regard to root length, tips and forks. This translates into greater root efficiency for uptake of water and nutrients which leads to better growth and performance.

#### APRONMAXX VS. TRILEX/ALLEGIANCE ROOT DEVELOPMENT



Trilex/Allegiance



ApronMaxx

Photos courtesy of Univ. of Illinois



Maxim seed treatment fungicide has been on the market for close to a decade and has become the standard in early-season disease protection because of its effective activity against key plant pathogens, including *Fusarium* and *Pythium*. Maxim also provides top-notch protection against *Rhizoctonia*. Maxim has the ability to adhere to particles in the root zone, allowing it to move with the root system as it grows.



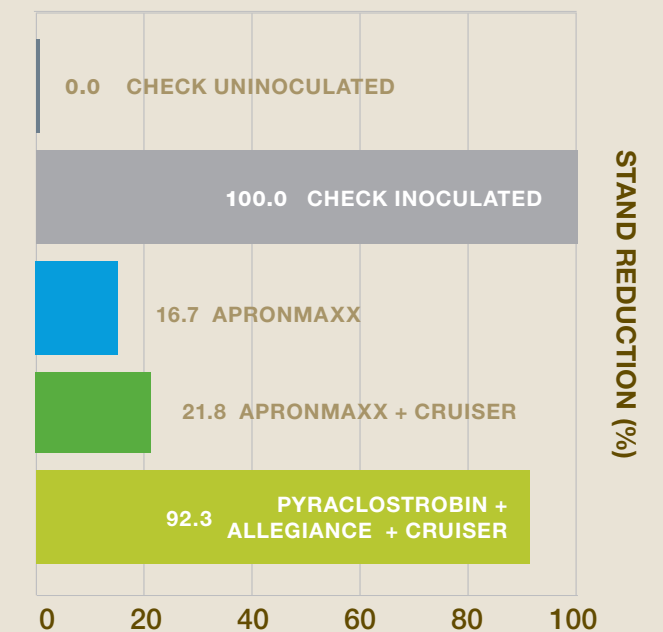
Apron XL seed treatment fungicide offers proven protection against soil-borne *Pythium*, which can cause seed decay, damping off and root pruning in young and old soybeans under cool and wet environmental conditions. Since the active ingredient in Apron XL, mefenoxam, is an active isomer of metalaxyl, Apron XL can be used at much lower rates than competitive products like Allegiance and generic metalaxyl.



Untreated    Apron XL @ 0.16 oz/cwt    Apron XL @ 0.32 oz/cwt

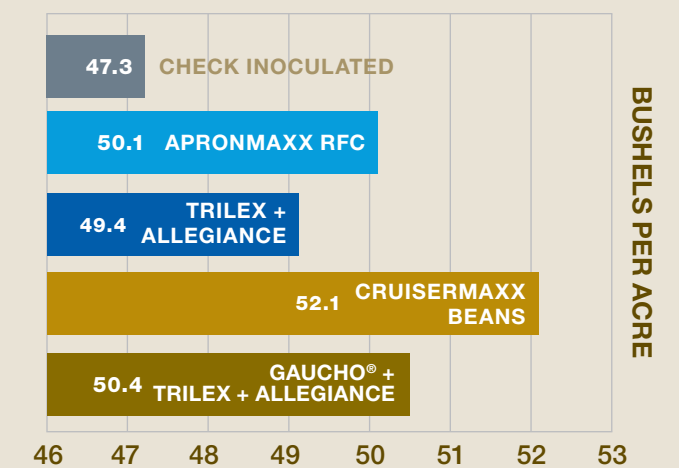
Soybeans from treatments with increasing rates of mefenoxam for *Phytophthora sojae* control.

#### LOW LEVELS OF RHIZOCTONIA SOLANI SHOW HIGHLY EFFECTIVE CONTROL



Soybean Greenhouse Trial inoculated with *Rhizoctonia solani*. Cruiser and ApronMaxx show lower levels of *Rhizoctonia solani*.

#### SEED TREATMENT EFFECT ON SOYBEAN YIELD



All locations, 24 plots with yield, OH, 2-IL, NY, NE, IA