



Soybean Portfolio Guide



Start-to-finish solutions for higher soybean yield potential

To break yield records and increase ROI potential, you need tools that will work with your fields. At Syngenta, we provide you with the High Yield Soybean solution, which allows you to achieve higher yield potential by tailoring an agronomic program to your needs.

We have a strong commitment to research and development (R&D), which provides the latest innovations in soybean technology. Our R&D pipeline produces a broad portfolio of seed, seed treatment and crop protection products, each designed to help your soybeans reach their genetic yield potential and maximum productivity.

Start strong with the right variety for your field, and use a high-performance seed treatment to protect your seed. We offer a number of high-yielding NK[®] Soybean varieties, as well as seed treatments that protect against nematodes, early-season diseases and insects.

Limit weed pressure through our effective herbicide offerings to ensure that your plants continue to **grow strong**. Continue to protect your soybeans late in the season against yield-robbing insects and diseases with our fungicides and insecticides and help your crop **yield strong**.

Combining our portfolio of products from start to finish allows you to promote sustainable management practices. As the first in the industry to take an active approach in the stewardship of existing chemistries, we help you combat growing resistance issues. In line with a mission to grow more from less, The Good Growth Plan from Syngenta is agriculture's most ambitious and comprehensive program to help sustainably address the global food security challenge.

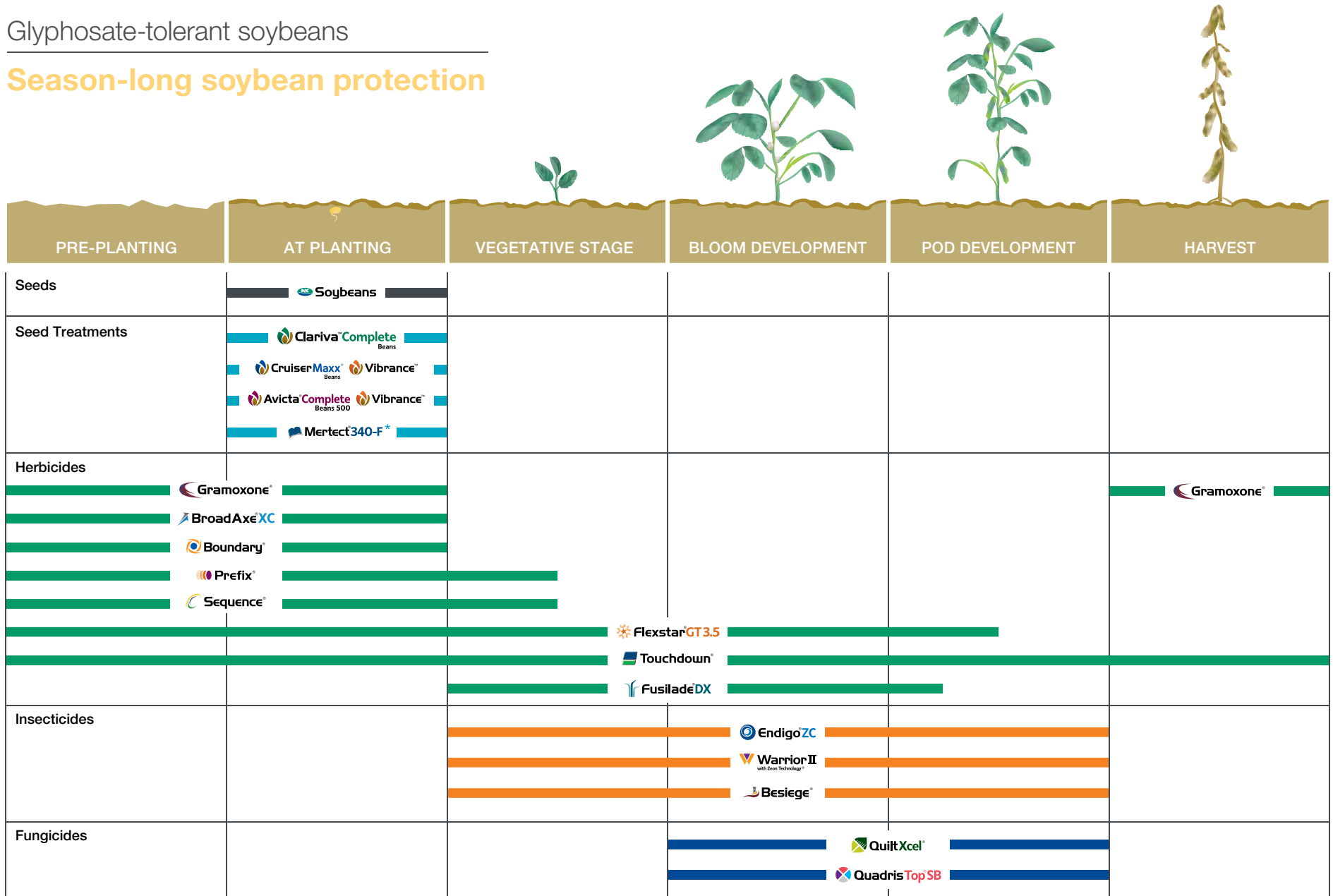
With a broad soybean portfolio, we can help you customize a program fit for any field. Helping to steward the land and feed a growing population, our solutions will support you from planting to harvest so you can **grow more soybeans**.

GROWmore
soybeans



Glyphosate-tolerant soybeans

Season-long soybean protection



*For best results, add Mertect® 340-F to your preferred Syngenta broad-spectrum seed treatment, such as CruiserMaxx® Beans with Vibrance® and Clariva™ Complete Beans, both combinations of separately registered products.



Soybeans

Every year, you want the best genetics, the best pest resistance and the best support so you can **grow more soybeans**. To move farming forward, we need to continue to push beyond the yield barriers.

Syngenta researchers develop NK Soybean performance class varieties to overcome obstacles that limit yield potential. NK Soybeans integrate best-in-class genetics and industry-leading traits to help your crop **start strong**. Our researchers have access to one of the largest, most advanced germplasm pools in the industry. When combined with modern breeding techniques, such as our Y.E.S. Yield Engineering System™, we are able to increase yield performance and protect your plant's genetic potential.

NK Soybeans offer a number of varieties with elite genetics that deliver strong results across varying environments and provide built-in resistance to pests and diseases, including soybean cyst nematode (SCN), *Phytophthora* root rot and sudden death syndrome (SDS). When looking for the best soybeans available, the choice is simple: NK Soybeans.

NK Soybeans are available through your NK retailer or Syngenta Seed Advisor.

NK Soybeans push past the competition

NK Soybeans multi-year yield data versus Pioneer*

- **S12-H2 brand** beat DuPont Pioneer® varieties by 3.3 bushels per acre in 183 comparisons, winning 73 percent of the time in 2013-2014.
- **S20-T6 brand** won 74 percent of the time in 939 comparisons versus Pioneer varieties by 3.4 bushels per acre in 2013-2014.
- **S39-U2 brand** out-performed Pioneer varieties in 1,287 comparisons by 2.5 bushels per acre, winning 67 percent of the time in 2012-2014.

*Source: Syngenta iYield January 2015.

The above information is based on research and field observations. Ratings are based on average performance across area of adaptation and may change as additional data are gathered and with variations of local growing conditions.





The market-leading soybean insecticide/fungicide seed treatment, CruiserMaxx® Beans with Vibrance®, a combination of separately registered products, delivers broad-spectrum protection, healthier roots and maximum performance. CruiserMaxx Beans with Vibrance provides protection from early-season insects as well as seed and soilborne diseases by combining an insecticide and three fungicides.

Vibrance helps your soybeans withstand environmental stress; provides unmatched *Rhizoctonia* root rot protection and root performance; and delivers systemic root defense against certain seedborne, soilborne and foliar diseases. Through the unique and distinctive capabilities of Vibrance, your soybean plants develop healthier, more robust root systems that lead to consistently higher yield potential.

Advantages of CruiserMaxx Beans with Vibrance

- Offers market-leading protection against damaging insects, such as soybean aphid and bean leaf beetle, during the critical early-growth stage
- Provides unsurpassed activity against a wide range of early-season diseases, including *Phytophthora*, *Pythium*, *Fusarium* and *Rhizoctonia*
- Optimizes root health and plant vigor to deliver better emergence, stand, stress tolerance and overall performance
- Available as a premix formulation, increasing convenience for the treater
- Can be combined with a nematicide to offer protection against nematodes

Effective insect protection

- Soybean aphid
- Bean leaf beetle
- Grape colaspis
- Leafhopper
- Seedcorn maggot
- Threecornered alfalfa hopper
- Thrips
- White grub
- Wireworm

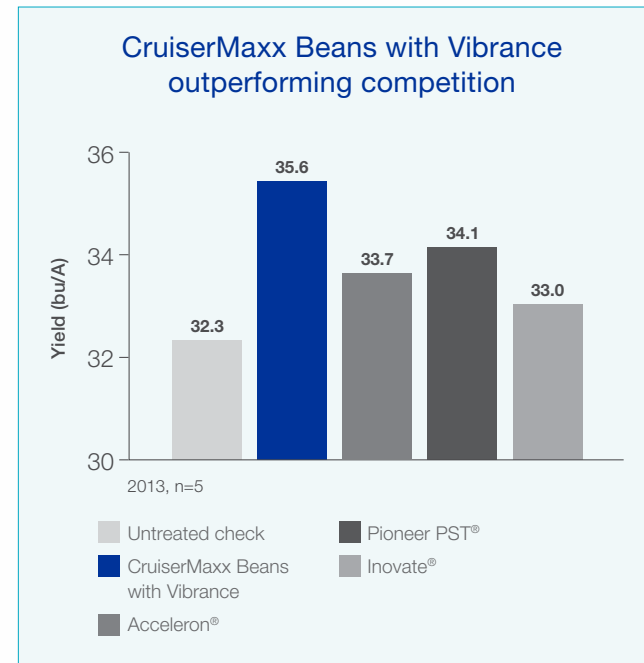
Effective disease protection

- *Pythium*
- Early-season *Phytophthora*
- *Rhizoctonia*
- *Fusarium*
- Seedborne *Phomopsis*
- Seedborne *Sclerotinia* (white mold)

Refer to individual product labels for a complete list of pests controlled

Performance

CruiserMaxx Beans with Vibrance delivers the next level of protection against difficult-to-control early-season insects and disease.





Avicta® Complete Beans 500 seed treatment nematicide/insecticide/fungicide with Vibrance® fungicide seed treatment delivers unmatched protection against a wide range of damaging nematodes as well as early-season insects and diseases, and provides healthier roots and maximum performance.

Vibrance helps your soybeans withstand environmental stress; provides unmatched *Rhizoctonia* root rot protection and root performance; and delivers systemic root defense against certain seedborne, soilborne and foliar disease. Through the unique and distinctive capabilities of Vibrance, your soybean plants develop healthier, more robust root systems that lead to consistently higher yield potential.

Advantages of Avicta Complete Beans 500 with Vibrance

- Offers industry-leading protection against a broad spectrum of early-season nematodes, insects and disease pathogens
- Protects against a wide range of nematodes, such as root knot and reniform nematodes
- Promotes better emergence, faster speed-to-canopy, stress tolerance, nutrient uptake and healthier, more robust roots for higher yield potential
- Offers triple pest protection from day one through nematicide, insecticide and three fungicide components

Effective pest protection

Nematodes

- Root knot
- Reniform
- Lance
- Stubby-root
- Stunt
- Sting
- Lesion
- Soybean cyst

Insects

- Soybean aphid
- Bean leaf beetle
- Grape colaspis
- Leafhopper
- Seedcorn maggot
- Threecornered alfalfa hopper
- Thrips
- White grub
- Wireworm

Diseases

- *Pythium*
- Early-season *Phytophthora*
- *Rhizoctonia*
- *Fusarium*
- Seedborne *Phomopsis*
- Seedborne *Sclerotinia* (white mold)
- General seed rots

Refer to label for a complete list of pests controlled

Clariva Complete Beans seed treatment, a combination of separately registered products, adds effective, season-long SCN protection to the broad-spectrum, early-season insect and disease protection of CruiserMaxx Beans with Vibrance seed treatment. Clariva Complete Beans offers improved SCN management and protects your soybeans from the damaging pest the day seeds are planted.

Advantages of Clariva Complete Beans

- Shows consistent yield increase under SCN pressure
- Provides lethal, season-long activity against SCN, the No. 1 pest for U.S. soybean growers
- Works regardless of soil temperature, pH, moisture and air temperature
- Complements SCN-resistant varieties and crop rotation, and helps manage resistance through a unique mode of action
- Offers unsurpassed protection against diseases and insects during the critical early-growth stage
- Optimizes root health and plant vigor to deliver better emergence, stand, stress tolerance and overall performance
- Delivers potential for improved return on investment for soybean growers

Effective pest protection

Nematodes

- Soybean cyst nematode

Early-season insects

- Soybean aphid
- Bean leaf beetle
- Grape colaspis
- Leafhopper
- Seedcorn maggot
- Threecornered alfalfa hopper
- Thrips
- White grub
- Wireworm

Effective disease protection

- *Pythium*
- Early-season *Phytophthora*
- *Rhizoctonia*
- *Fusarium*
- Seedborne *Phomopsis*
- Seedborne *Sclerotinia* (white mold)
- General seed rots
- Seed decay, seedling blight and damping-off caused by *Rhizoctonia solani*

Refer to individual product labels for a complete list of pests controlled



Mertect[®]340-F

Mertect[®] 340-F fungicide seed treatment adds proven and effective SDS protection to your preferred Syngenta broad-spectrum seed treatments, such as CruiserMaxx Beans with Vibrance and Clariva Complete Beans, both combinations of separately registered products.

Advantages of Mertect

- Offers effective SDS protection through direct efficacy on *Fusarium virguliforme*, the fungus that causes SDS
- Complements SDS-resistant soybean varieties as an additional management option
- Provides an excellent seed safety profile that protects both germination and stand
- Has shown consistent performance and yield protection under SDS pressure in four consecutive years of testing

Effective pest protection

- Sudden death syndrome (*Fusarium virguliforme*)
- Pod and stem blight (*Phomopsis*)

Refer to label for a complete list of pests controlled



Gramoxone® brand herbicides provide outstanding contact and broad-spectrum control of even the most difficult-to-control weeds. Gramoxone is the burndown solution for those who need quality weed control to preserve the effectiveness of glyphosate and other herbicides.

Advantages of Gramoxone

- Delivers broad-spectrum, fast-acting control and proven efficacy on difficult-to-control weeds
- Mixes well with water and liquid calcium fertilizer (particularly CAN17)
- Handles well and reduces precipitation in bulk tanks and mini-bulk tanks, and during application
- Helps preserve glyphosate efficacy and reduces the likelihood of resistance
- Provides reliable effectiveness, even in cool or dry weather conditions



Boundary® 6.5 EC soil-applied herbicide delivers proven early-season grass and broadleaf weed control in soybeans, excellent resistance management and rotation flexibility. By using Boundary, you can extend the post-emergence application window up to five weeks after planting — protecting yield and keeping fields cleaner longer. Boundary controls weeds, such as waterhemp and Palmer pigweed, with two modes of action.

Advantages of Boundary

- Protects yields by offering early-season residual control of troublesome weeds
- Contains two non-ALS inhibiting, non-glyphosate and non-PPO chemistries for managing tough broadleaf and grass weeds
- Offers rotational crop flexibility
- Widens the post-emergence application window, keeping fields cleaner longer and allowing for more timely post-emergence applications

Key weeds controlled

- Barnyardgrass
- Common lambsquarters
- Foxtail spp.
- Pigweed spp.
- Waterhemp spp.

Refer to label for a complete list of weeds controlled



BroadAxe[®] XC

BroadAxe[®] XC herbicide maximizes yield potential through early-season weed management and broad-spectrum, long-lasting residual control of weeds. This product delivers flexible application timing options and fits across geographies, soil types and tillage systems. BroadAxe XC combines multiple modes of action to help delay the development of herbicide resistance while providing highly effective, season-long control of a full range of tough broadleaf and grass weeds.

Advantages of BroadAxe XC

- Provides flexible application timing up to three days after planting but prior to crop emergence
- Offers superior weed control across current and future herbicide trait platforms, as well as conventional cropping systems
- Delivers effective performance in all tillage systems: no-till, minimum till and conventional tillage systems
- Provides efficient management of glyphosate-, ALS- and triazine-resistant populations while minimizing the potential for further herbicide-resistant broadleaf and grass weeds

Key weeds controlled

- Barnyardgrass
- Crabgrass
- Fall panicum
- Foxtails
- Kochia
- Lambsquarters
- Morningglory
- Palmer amaranth
- Russian thistle
- Waterhemp

Refer to label for a complete list of weeds controlled

Sequence[®]

Sequence[®] herbicide offers a proven combination of both effective contact and long-lasting performance for a clean, weed-free environment. This dual-action product is better than glyphosate alone, and offers outstanding knockdown as well as residual control. Sequence contains a residual component, S-metolachlor, as well as glyphosate, and serves as a resistance management tool.

Advantages of Sequence

- Provides contact and residual control of certain annual weeds in just one pass
- Contains two herbicides with different modes of action in a single product, providing weed resistance management benefits
- Offers application and timing flexibility
- Allows compatibility with no-till and reduced cropping systems
- Delivers outstanding non-selective, down-to-the-roots weed control

Key weeds controlled

- Barnyardgrass
- Bristly starbur
- Carpetweed
- Crabgrass
- Seedling Johnsongrass

Refer to label for a complete list of weeds controlled



Prefix® residual herbicide offers the proven performance of fomesafen and S-metolachlor for superior control of broadleaf and grass weeds in soybeans. Prefix provides two different modes of action for timely weed control and is an ideal solution for controlling the most difficult weeds in soybeans. Its extended residual control allows for a properly timed application of Touchdown Total® herbicide.

Advantages of Prefix

- Remains one of the most convenient and effective pre-emergence or early post-emergence options available for controlling difficult broadleaf and grass weeds in soybeans
- Offers two modes of action, making it the answer to ALS- and glyphosate-resistant weeds
- Provides up to five weeks of residual activity, offering yield protection through the control of highly competitive broadleaf weeds
- Controls problem weeds in soybeans, allowing for:
 - A properly timed application of Touchdown Total for full-season weed control
 - Protection of soybean yield against weed competition
 - Effective management of weed resistance

Key weeds controlled

- Common ragweed
- Foxtail spp.
- Lambsquarters
- Palmer amaranth
- Waterhemp

Refer to label for a complete list of weeds controlled

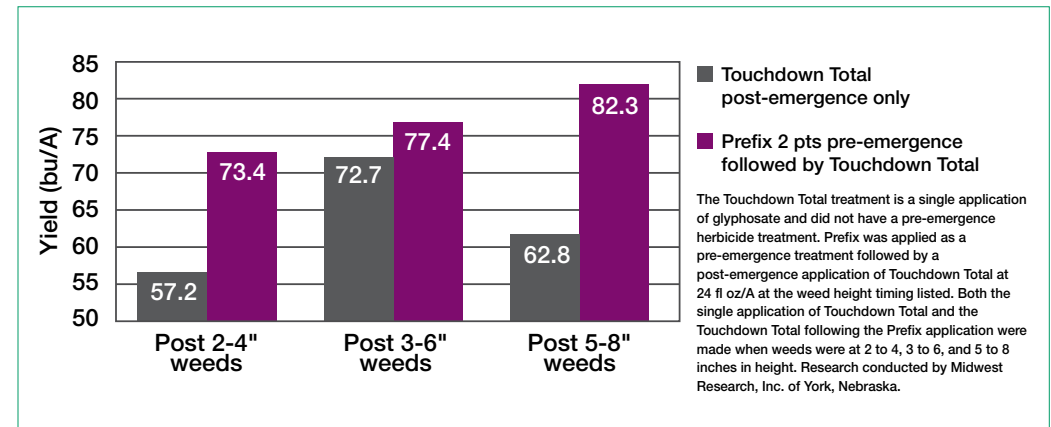
Early-season weed management



Performance

You can receive yield benefits from using Prefix as a pre-emergence foundation treatment, regardless of the glyphosate application timing (see graph). Prefix allows for a wider application window and reduces the risks associated with applying glyphosate too early or too late.

- Note the significant yield reduction if the glyphosate treatment is applied a week too early or a week too late. If applied too early, new weeds emerge that reduce yields; treat too late and the early weed impact may be unrecoverable.
- The yield benefit from a foundation treatment of Prefix provided a profitable return per acre, regardless of the timing of the post-emergence glyphosate application.



Flexstar[®]GT 3.5

Flexstar[®] GT 3.5 herbicide is the post-emergence answer for weeds that are difficult to control. Flexstar GT 3.5 delivers two different modes of action, and enables you to target weeds that may have developed, or are likely to develop, resistance to glyphosate and/or ALS-inhibitors in glyphosate-tolerant (GT) soybeans.

Advantages of Flexstar GT 3.5

- Controls glyphosate- and ALS-resistant weeds in GT soybeans through a premix formulation of glyphosate and Flexstar[®] herbicide
- Delivers better control of troublesome weeds versus glyphosate alone
- Uses the Isolink[®] II Technology adjuvant system to provide effective post-emergence soybean weed control with reduced crop injury compared to current glyphosate and broadleaf herbicide tank mixes
- Helps sustain GT soybean technology

Key weeds controlled

- Barnyardgrass
- Foxtail
- Palmer amaranth
- Pigweeds
- Waterhemp

Refer to label for a complete list of weeds controlled

Touchdown[®]

Touchdown[®] glyphosate herbicide brands are excellent choices for protecting valuable seed investments. With Touchdown brands, you can enjoy the best seed, trait and herbicide programs for every acre. Rest assured that we back your Touchdown brands with support and commitment to your success.

Advantages of Touchdown

- Increases glyphosate penetration of leaf surfaces for increased efficacy with proven crop safety over the top of GT soybeans through an adjuvant system
- Optimizes handling, storage and application due to a highly concentrated formulation
- Offers effective and convenient application with more than 20 tank-mix partners

Gramoxone[®]

Gramoxone as a harvest aid

The powerful chemistry of Gramoxone brand herbicides delivers weed-free soybean fields. Now, with its improved formulation, Gramoxone holds the secret to increased harvest efficiency in soybeans.

Advantages of Gramoxone as a harvest aid

- Increases combine efficiency and speed, and decreases wear and tear
- Works fast to dry down stalks and green foliage, allowing for timely field harvest
- Keeps the combine running smoothly by controlling weeds and increasing plant desiccation
- Reduces foreign matter, dockage and seed moisture
- Results in no carry-over to other crops
- Remains effective in cool, wet weather applications

Fusilade[®]DX

Fusilade[®] DX herbicide offers superior post-emergence weed control in both glyphosate-tolerant and conventional soybean crops. This cost-effective herbicide provides unmatched control of volunteer corn and plays a key role in controlling both annual and perennial grass weeds. Fusilade DX works in all tillage situations and tank mixes with a variety of broadleaf herbicides, including Touchdown herbicide brands. In addition, by taking out the volunteer corn in a soybean crop, Fusilade DX helps reduce your risk of corn rootworm trait resistance.

Advantages of Fusilade DX

- Provides superior control of volunteer corn, including volunteer GT corn
- Offers alternative mode of action to glyphosate
- Helps combat the potential of corn rootworm resistance
- Tank mixes with Touchdown brand herbicides for one-pass weed control

Key weeds controlled

- Barnyardgrass
- Crabgrass
- Fall panicum
- Foxtail
- Volunteer corn

Refer to label for a complete list of weeds controlled



Endigo® ZC insecticide contains three industry-leading technologies for more robust control of harmful insects. Endigo ZC combines the proven performance of lambda-cyhalothrin and thiamethoxam to offer effective knockdown and long-lasting residual control of economically-damaging soybean insect pests such as soybean aphid, bean leaf beetle, Japanese beetle, grasshoppers, stinkbugs and worms.

Advantages of three industry-leading technologies

- Delivers robust labeled rates of two active ingredients, lambda-cyhalothrin and thiamethoxam, plus a Zeon® Concentrate formulation for broad-spectrum control of hard-to-control insects, such as soybean aphid, stinkbugs, bean leaf beetle, Japanese beetle and grasshoppers
- Offers trans-stemic movement into leaves providing extended residual control
- Acts as an excellent tank-mix partner with Quadris Top® SB and Quilt Xcel® fungicides
- Serves as an excellent rotational product for an insect resistance management program

Key insects controlled

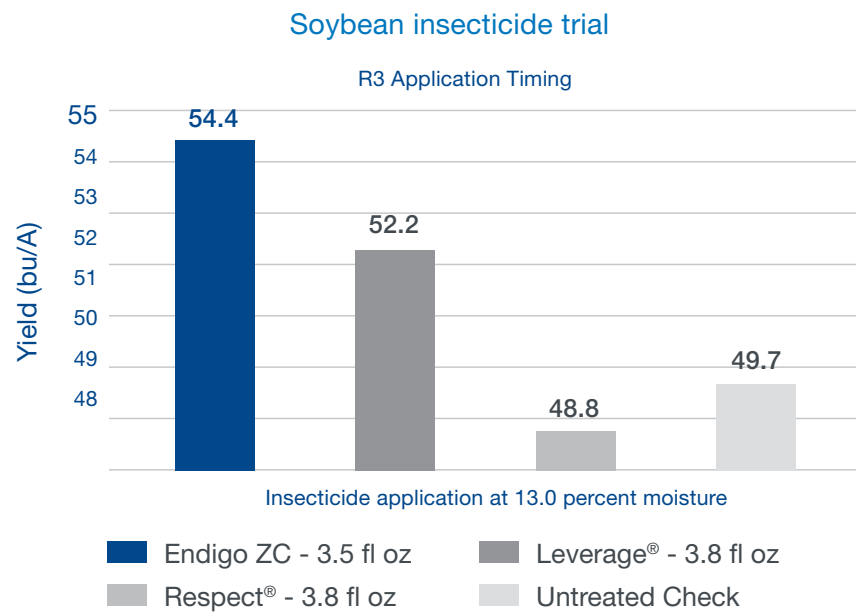
- Soybean aphid
- Bean leaf beetle
- Japanese beetle
- Grasshoppers
- Stinkbugs

Refer to label for a complete list of insects controlled

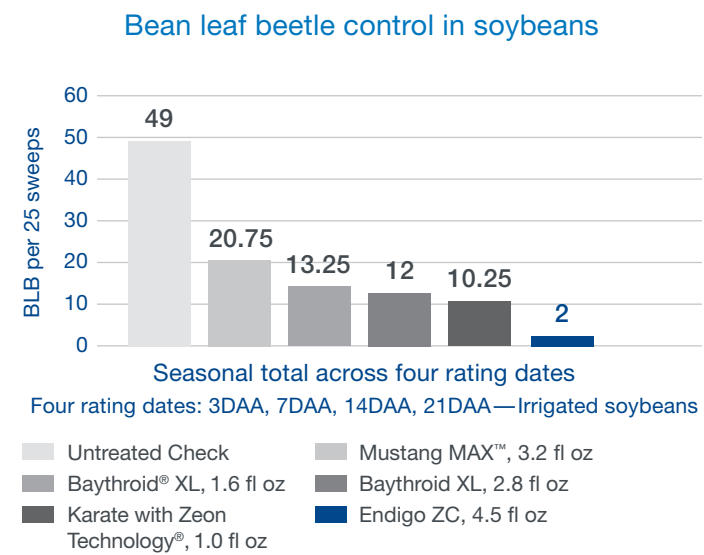


Stinkbug

Performance



2009. Paul Esker, University of Wisconsin



2008. Dr. Glen Stuebaker, UA Extension, northeast Arkansas



Besiege® insecticide provides dual-action protection against yield-robbing lepidopteran pests in soybeans, as well as proven broad-spectrum performance against other damaging insect pests. The two active ingredients, chlorantraniliprole and lambda-cyhalothrin, control multiple pests that may be resistant to other insecticide chemistries. Besiege manages unwanted pests through multiple modes of action, including contact, ingestion and ovicidal activity, resulting in excellent knockdown and long-lasting residual control. Besiege also controls a broad spectrum of the most difficult-to-control lepidopteran pests such as soybean looper, armyworms and corn earworm. It also protects against important secondary and occasional pests found in soybeans, such as stinkbugs, bean leaf beetle and soybean aphid. Available as a convenient premix formulation, Besiege offers robust rates and performance in a variety of environmental conditions.

Advantages of Besiege

- Broadens and strengthens insecticide performance
 - Multiple modes of action provide control via contact, ingestion and ovidical activity
 - Two active ingredients broaden the spectrum of control
- Helps to reduce insect-feeding damage and increase potential yield per acre
- Offers consistent, high-level control of lepidopteran pests, including soybean looper, armyworms and corn earworm
- Controls other important secondary and occasional insect pests, such as stinkbugs, bean leaf beetle and soybean aphid
- Controls pests under a variety of environmental conditions
- Simplifies application as a premix
 - Enables easier handling, fewer containers to handle and dispose, and fewer calculations and potential mistakes
- Allows for easier compliance—one label provides all necessary information to meet federal and local regulations

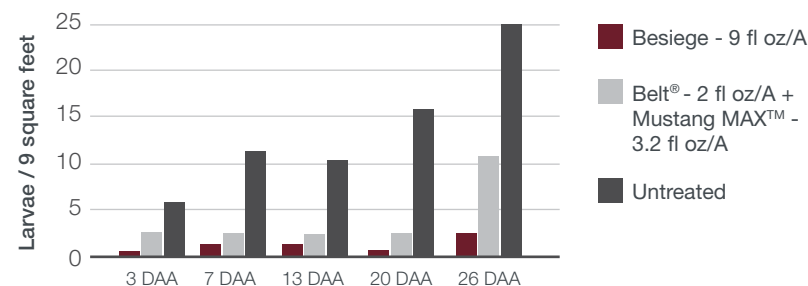
Troublesome insect pests controlled

- Soybean looper
- Stinkbug species
- Corn earworm
- Armyworm
- Bean leaf beetle
- Soybean aphid
- Saltmarsh caterpillar
- Cutworm species
- Grasshopper species
- Japanese beetle (adult)

Refer to label for a complete list of insects controlled

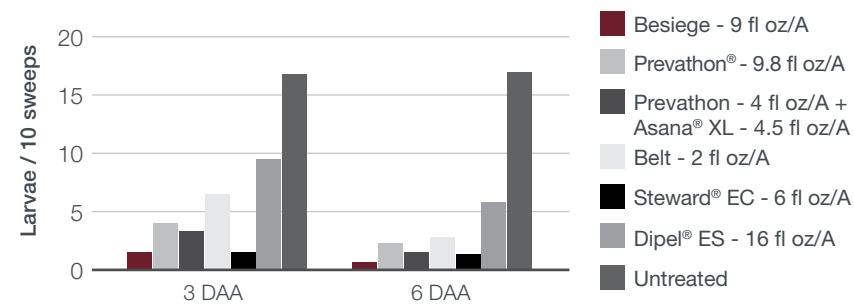
Performance

Soybean looper control in soybeans



Planted – May 4, 2012; Application Method and Date – Foliar, June 15, 2012
USSASI3042012 – P. Bruno, Agricumbia Resources Co. Ltd – Wharton, Texas

Corn earworm control in soybeans



Planted – June 14, 2011; Application Method and Date – Foliar, August 12, 2011
USSJSI5022011 – H. Ames, Virginia Tech – Suffolk, Virginia

Warrior II

with Zeon Technology®

Warrior II with Zeon Technology® insecticide offers excellent pest control with fast knockdown and long residual. You receive the advantage of a concentrated formula that contains two pounds of active ingredient per gallon, and the added convenience of less storage and handling. The advanced chemistry of Zeon® Technology uses micro-encapsulation with built-in UV protection to provide effective and long-lasting residual. This technology forms a wall of protection around the active ingredient and quickly releases after application for fast knockdown of key profit-robbing soybean insect pests.

Advantages of Warrior II with Zeon Technology

- Offers a convenient high-load formulation for excellent control of troublesome insects, such as soybean aphid, bean leaf beetle, cutworms and stinkbugs
- Provides proven broad-spectrum control of not only primary but also secondary insect pests, including Japanese beetle, rootworm beetles, worms and grasshoppers
- Uses Zeon Technology, a patented encapsulation process, for improved insecticidal activity
- Offers long-lasting residual control through UV protection and rainfastness within one hour
- Uses a quick-release capsule for fast knockdown of profit-robbing insects

Key Insects Controlled

- Soybean aphid
- Bean leaf beetle
- Corn rootworm beetles (adults)
- Mexican bean beetle
- Worms

Refer to label for a complete list of insects controlled



Bean leaf beetle



Soybean aphid





You can choose Quilt Xcel fungicide to help protect your soybean crops, protect your bottom line and grow more than the past season. Quilt Xcel helps achieve these goals by shielding plants from stress such as drought and high temperatures, protecting against disease and providing plant-enhancing benefits to help crops reach full yield potential.

Quilt Xcel helps soybean plants develop stronger, deeper roots for better water and nutrient uptake. Quilt Xcel also helps plants manage periods of too much and too little water, and high temperatures. By managing these stresses, soybeans can conserve water in hot, dry conditions, allowing plants to continue with growth and pod fill.

With Quilt Xcel, plants stay green longer, allowing longer periods of photosynthesis for more plant growth. More plant growth leads to larger beans, fuller pods and better pod retention, meaning higher yield at harvest.

Quilt Xcel offers broad-spectrum preventive and curative disease control with two modes of action for resistance management. Systemic movement of the active ingredients within the plant's xylem carries protection throughout the plant, even to new growth.

Advantages of Quilt Xcel

- Offers physiological benefits and boosts yield an average of 4 to 8 bu/A on farm trials
- Impacts plant growth to produce larger beans, fuller pods and better pod retention for superior soybean harvests
- Shows yield advantages by using two different modes of action to manage disease resistance
- Delivers improved broad-spectrum, long-lasting residual control of all major foliar diseases
- Tank mixes with Endigo ZC insecticide for a one-pass application to target both insects and diseases, a combination that can boost yield by 17.8 bu/A over the untreated¹

¹ The results of two Ohio fungicide trials show soybeans treated with a tank mix of Quilt Xcel and Endigo ZC had an average yield increase of 17.8 bu/A over the untreated check.

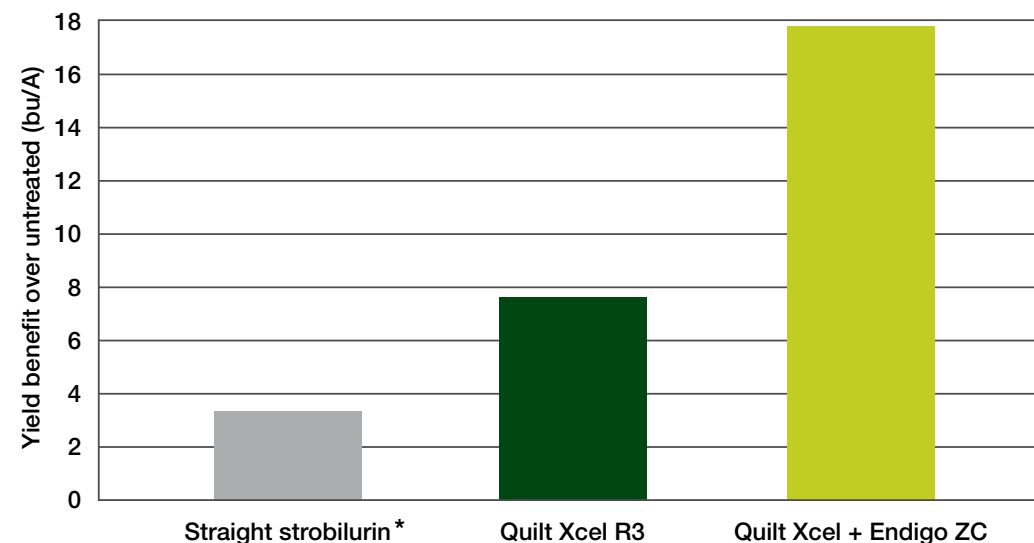
Troublesome diseases controlled

- Aerial blight (*Rhizoctonia solani*)
- Alternaria leaf spot (*Alternaria* spp.)
- Anthracnose (*Collectotrichum truncatum*)
- Brown spot (*Septoria glycines*)
- Cercospora blight and leaf spot (*Cercospora kikuchii*)
- Frogeye leaf spot (*Cercospora sojina*)
- Pod and stem leaf blight (*Diaporthe phaseolorum*)
- Soybean rust (*Phakopsora* spp.)

Refer to label for a complete list of diseases controlled

Performance

Soybean field trials, Ohio



2012

*Azoxystrobin





Untreated, 135 pods

Straight strobilurin-treated, 240 pods*

Quilt Xcel-treated, 421 pods

Syngenta trial in Mayfield, Kentucky. Pods were collected from four randomly selected plants within each plot.

*Azoxystrobin

Quadris Top[®] SB

Quadris Top SB fungicide is another tool you can utilize to help increase yield, maximize ROI and help soybeans manage plant stress. Quadris Top SB accomplishes this by shielding plants from stress, such as drought and high temperatures; protecting against diseases, including strobilurin-resistant frogeye leaf spot; and providing plant-enhancing benefits to help crops reach full yield potential.

Quadris Top SB helps plants develop stronger, deeper roots for better water and nutrient uptake. If conditions at planting are wet, roots tend to grow shallower because there they can easily absorb water from near the surface of the soil. This can be a problem if the soil dries out later in the season and the roots can't extend deeper to reach the water located farther underground. Quadris Top SB promotes root growth so that roots grow deep enough to support the plant. With Quadris Top SB, soybeans can better manage periods of water stress — whether there is too much or too little water — and high temperatures by reducing transpiration, or water loss from the plant. Reduced transpiration enables soybeans to conserve water in hot, dry conditions, and continue with growth and pod fill.

With Quadris Top SB, plants stay green longer, allowing longer periods of photosynthesis for more plant growth. More plant growth leads to larger beans, fuller pods and better pod retention, meaning higher yield at harvest.

As one of the most effective fungicides on the market, Quadris Top SB is a robust combination of industry-leading chemistries. It exhibits preventive and curative activity to offer unsurpassed broad-spectrum foliar disease control, including strobilurin-resistant frogeye leaf spot. With two modes of action, Quadris Top SB provides control of frogeye leaf spot.

Advantages of Quadris Top SB

- Offers physiological benefits and boosts yields an average of 4 to 8 bu/A on farm trials
- Impacts plant growth to produce larger beans, fuller pods and improved pod retention for better soybean harvests
- Combines two active ingredients to deliver effective disease control and resistance management
- Shows yield advantages by offering both preventive and curative disease control
- Tank mixes with Endigo ZC insecticide to target yield-robbing insects, and is proven to enhance yields and provide growers consistent returns

Troublesome diseases controlled

- Aerial blight (*Rhizoctonia solani*)
- Alternaria leaf spot (*Alternaria* spp.)
- Anthracnose (*Collectotrichum truncatum*)
- Brown spot (*Septoria glycines*)
- Cercospora blight and leaf spot (*Cercospora kikuchii*)
- Frogeye leaf spot (*Cercospora sojina*)
- Pod and stem leaf blight (*Diaporthe phaseolorum*)
- Powdery mildew (*Microsphaera diffusa*)
- Rust (*Phakopsora* spp.)

Refer to label for a complete list of diseases controlled



Syngenta on-farm trial in Mississippi. The Quadris Top SB-treated plants remained greener longer, allowing the plants to use the sun's energy to maximize yield.

*Azoxystrobin



Untreated, 135 pods

Straight strobilurin⁺-treated, 240 pods

Quadris Top SB-treated, 296 pods

Syngenta trial in Mayfield, Kentucky. Pods were collected from four randomly selected plants within each plot.

*Azoxystrobin





For all the latest soybean news from Syngenta and to register to receive the Soybean Insider email, visit SyngentaUS.com/soybeans. To learn more about The Good Growth Plan, visit GoodGrowthPlan.com. Tap into the vast knowledge of our expert agronomy team on KnowMoreGrowMore.com. Join the conversation – connect with us at social.SyngentaUS.com.

Product performance assumes disease presence.

All photos are the property of Syngenta unless otherwise noted.

©2015 Syngenta. **Important: Always read and follow label instructions. Some crop protection products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Avicta Complete Beans 500, Besiege, Endigo ZC, Gramoxone SL, Gramoxone Inteon, Gramoxone SL 2.0, Karate with Zeon Technology and Warrior II with Zeon Technology are Restricted Use Pesticides.** Seeds containing the Roundup Ready® trait and the Genuity® Roundup Ready 2 Yield® trait may be protected under numerous United States patents. It is unlawful to save Roundup Ready® soybeans or Genuity® Roundup Ready 2 Yield® soybeans for planting or transfer to others for use as a planting seed. Besiege, Endigo ZC, Karate with Zeon Technology and Warrior II with Zeon Technology are highly toxic to bees exposed to direct treatment on blooming crops and weeds. Do not apply these products or allow them to drift onto blooming plants while bees are foraging adjacent to the treatment area.

Avicta technology is for use by certified applicators only. Growers planting Avicta treated seed are not required to be certified applicators. Avicta technology is protected by U.S. Patent No. 6,875,727. Clariva Complete Beans is an on-seed application of Clariva pn and CruiserMaxx Vibrance. CruiserMaxx Beans with Vibrance is an on-seed application of CruiserMaxx Vibrance alone or with Apron XL.

Apron XL®, Avicta®, Besiege®, Boundary®, Clariva™, Cruiser®, CruiserMaxx®, Endigo®, Flexstar®, Fusilade®, Gramoxone®, Isolink®, Karate with Zeon Technology®, Mertect®, NK®, Prefix®, Quadris Top®, Quilt Xcel®, Sequence®, Touchdown®, Touchdown Total®, Vibrance®, Warrior II with Zeon Technology®, Y.E.S. Yield Engineering System™, Zeon®, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company.

Respect® is a registered trademark of BASF. Baythroid®, Belt® and Leverage® are registered trademarks of Bayer CropScience. Inovate® is a registered trademark of Chemtura Corporation. Asana®, Pioneer®, Pioneer PST®, Prevathon® and Steward® are trademarks of DuPont Crop Protection. BroadAxe® and Mustang MAX™ are registered trademarks of FMC Corporation. Acceleron®, Asgrow®, Genuity®, Roundup Ready® and Roundup Ready 2 Yield® are registered trademarks of Monsanto Company. Dipel® is a registered trademark of Valent USA Corporation.