

syngenta_®



GoldenHarvest*

- Combines advanced genetics with the latest traits and technologies to maximize yield in a range of growing environments
- Includes a portfolio of performance-class varieties with built-in-tolerance to damaging pests and diseases
- Extends the Golden Harvest seed brand's trusted combination of in-depth seeds expertise and agronomic know-how

| Recommended varieties: | | |
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Avicta Complete Beans 500



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



- Delivers best-in-class soybean seed treatment with multi-year track record on performance, plantability and flowability
- Increases yield potential with lethal, season-long protection against soybean cyst nematode (SCN) and reduced damage from SCN-related diseases, such as sudden death syndrome (SDS)
 - An average yield increase of 2.6 bushels per acre (bu/A), and more than 10 bu/A in some fields, in multi-year trials compared to an insecticide/fungicide seed treatment alone

- Provides superior protection from damaging insects and diseases during the critical early-growth stage
- Optimizes root health and plant vigor for better emergence, stand, stress tolerance and overall performance
- Provides more sustainable SCN management, enhancing the performance of SCN-resistant varieties by reducing SCN reproduction and selection pressure





- 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
- Increases convenience for the treater with a premix formulation
- Can be combined with a nematicide to offer protection against nematodes

Mertect 340-F

- Adds additional SDS protection to your preferred Syngenta broad-spectrum seed treatments, such as Clariva® Complete Beans seed treatment, a combination of separately registered products
- Offers effective SDS protection through direct efficacy on Fusarium virguliforme, the fungus that causes SDS
- Provides an excellent seed safety profile that protects both germination and stand
- Delivers best-in-class fungicide seed treatment for seedborne diseases such as phomopsis seed decay

| Seed tre | Seed treatment recommendations: | | |
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| FACTORS IMPACTING YO | OUR SOYBEAN YIELD: | | |
|--|---|---------------------------------|--|
| Soybean cyst nematodeDiseasesInsects | Root healthSudden death syndromeNematodes (multi-species) | ☐ Plant vigor☐ Stress tolerance | |
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BroadAxeXC

- 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 herbicideresistant broadleaf and grass weeds

Boundary®

- Protects yields by offering early-season residual control of troublesome weeds
- Contains two non-ALS inhibitor, 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

((() 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 glyphosate or glufosinate herbicide for full-season weed control
 - Protection of soybean yield against weed competition
 - Effective management of weed resistance

Gramoxone SL 2.0

- Delivers broad-spectrum, fast-acting burndown of difficult-to-control weeds
- Mixes well with water and liquid fertilizers
- Provides a different mode of action to control glyphosate-resistant weeds
- · Remains effective, even in cool or dry weather conditions

Gramoxone SL 2.0 as a harvest aid

- Increases combine efficiency and speed, and decreases equipment wear and tear
- Works fast to dry down stalks and green foliage, allowing for a timely field harvest
- Keeps the combine running smoothly by controlling weeds and increasing plant desiccation
- Reduces foreign matter, dockage and seed moisture
- Produces no carryover to rotational crops
- · Stays effective in cool, wet conditions

| Product: | |
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| Application rates: | |
| Application timing: | |
| Adjuvant: | |



- Provides contact and residual control of many annual weeds in just one pass
- Contains S-metolachlor, the active ingredient in Dual Magnum[®] herbicide for proven residual control of annual grass weeds and problem broadleaves like waterhemp and Palmer amaranth
- Offers application and timing flexibility
- Is an excellent fit in no-till and reduced tillage cropping systems
- Delivers outstanding non-selective, down-to-theroots weed control

Flexstar GT3.5

- Controls glyphosate- and ALS-resistant weeds in glyphosate-tolerant (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

Product:

Application rates:

Application timing:

Adjuvant:

Fusilade DX

- Provides superior control of volunteer corn, including volunteer GT corn
- Offers an alternative mode of action to glyphosate
- Helps combat the potential of corn rootworm resistance
- Provides post-emergence control of annual and perennial grasses in herbicide-tolerant and conventional soybeans









- Translaminar movement of abamectin allows it to penetrate into the leaf tissue creating a reservoir of protection for long-lasting spider mite control
- Targets twospotted spider mites on both the upper and lower level of leaves
- Becomes rainfast once dry, providing long residual control levels
- Easily tank mixes with common crop protection products like Endigo® ZC insecticide for broad-spectrum control of other pests



- 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 of application
- Uses a quick-release capsule for fast knockdown of profit-robbing insects

Besiege

- Contains chlorantraniliprole and lambda-cyhalothrin for excellent knockdown and long-lasting residual control
- 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
- 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 beetles and soybean aphid
- Simplifies application as a premix
- Enables easier handling, fewer containers to handle and dispose, and fewer calculations and potential mistakes

© Endigo ZC

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

| Product: | | | |
|-------------|---------|--|--|
| Application | rates: | | |
| Application | timing: | | |
| Adjuvant: | | | |
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- Offers physiological benefits and boosts yield an average of 6 to 12 bu/A
- Provides excellent, long-lasting residual control against soybean rust and frogeye leaf spot in soybeans
- Binds to the waxy layer of the plant for extended stay put protection
- Offers preventive and curative disease control



- Offers physiological benefits and boosts yield an average of 4 to 8 bu/A in on farm trials
- Impacts plant growth to produce larger beans, fuller pods and better pod retention for soybean harvests
- Uses two modes of action to deliver broad-spectrum, long-lasting residual control of major foliar diseases
- Tank mixes with Endigo® ZC insecticide for a one-pass application to target both insects and diseases

| Qua | dris | doT | SBX |
|-----|------|-----|-----|
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- Offers physiological benefits and boosts yields an average of 6 to 8 bu/A in 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

| Product: | |
|---------------------|--|
| Application rates: | |
| Application timing: | |
| Adjuvant: | |

For all the latest soybean news from Syngenta, visit **Syngenta-US.com/soysolutions** or contact Syngenta at **(866) 796-4368**.







Product performance assumes disease presence. Photos are either the property of Syngenta or used under agreement.

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