Our Seed Guide is Just That—A Guide

Because the acres and conditions unique to each farmer are what determine the best placement and results. Consider this your best accessory to optimal yield potential, and consider Golden Harvest® seeds the best choice for your fields now and, more importantly, your vision for the future.

Our Promise

To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story

We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

Our Story
Service 365 .................. 01
E-luminate* .................. 02
Our R&D Commitment ...... 03

Agronomy .................. 05
Seeding Rate Online Tool ... 06
Agronomy Book Experts .... 06

Soybeans .................. 07
Seed Varieties ............... 08
Soybean Seed Treatments ... 09

Corn ....................... 23
Corn Traits .................. 25
Corn Seed Treatments ...... 40

Enogen .................... 41

Silage .................... 45

Stewardship ............... 47

Our Programs ............. 49

Our Programs

44 Most of our Seed Advisors are farmers themselves. This gives us a direct conduit to what is happening in the field from those living it every day. By listening to our Seed Advisors and our farmer customers, we are able to adapt and evolve quickly to stay relevant in a fast-changing industry.

—Dave Young, Head, Golden Harvest Marketing

Our Promise
To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story
We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

Our Promise
To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story
We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

Our Promise
To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story
We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

Our Promise
To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story
We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

Our Promise
To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

Our Story
We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success. 
Service 365 is our year-round commitment to doing whatever it takes to optimize yields in each farmer’s field conditions. From locally proven product recommendations to in-season advice to harvest insights, we deliver a service experience that yields results.

Our six-phase commitment below sets priorities and guides which agronomic insights, E-luminate technologies and field monitoring farmers may need to make the best data-driven decisions. But it all starts with listening, because Golden Harvest is here to tailor our recommendations and tools to you—not the other way around.

Experience insights on the go with E-luminate. Each feature within our digital agronomy platform is designed with intention, allowing greater visibility to see what you may need and when you need to see it in your fields. Our Seed Advisors make the difference in turning this data into yield potential by compiling, analyzing and uploading data and insights into E-luminate for you.

Planning

GAME PLAN
- Field x Field Proposals
- Auto Rate Assignments
- Customized Product Information

RANGEFINDER
- Variable Rate Scripts for Soy and Corn

In-Season

E-LUMINATE DIGITAL AGRONOMY PLATFORM MOBILE APP
- Scouting
- Weather Data

MACHINE DATA
- Planting Data

GRAIN COUNT APP
- Use your cell phone to take a photo of corn to get yield projections

Harvest

HARVEST PRIORITY
- Prioritizes fields by hybrid to help develop a pre-harvest plan

MACHINE DATA
- Yield Data

Service 365 has varieties to fit your acres and the expertise to place them for success. We are passionate about helping farmers be more profitable.

- Andy Lee, Head, Golden Harvest East Commercial Unit

The 2022 lineup is completely focused on our customers’ needs. Yield, return-on-investment, performance, agronomics, choice and ease of doing business. We hear you, and our customer-obsessed approach is dedicated to delivering.

-Nick Frohardt, Head, Golden Harvest West Commercial Unit

Golden Harvest has varieties to fit your acres and the expertise to place them for success. We are passionate about helping farmers be more profitable.

-Andy Lee, Head, Golden Harvest East Commercial Unit

Golden Harvest has varieties to fit your acres and the expertise to place them for success. We are passionate about helping farmers be more profitable.

-Andy Lee, Head, Golden Harvest East Commercial Unit

Our six-phase commitment below sets priorities and guides which agronomic insights, E-luminate technologies and field monitoring farmers may need to make the best data-driven decisions. But it all starts with listening, because Golden Harvest is here to tailor our recommendations and tools to you—not the other way around.
OUR R&D COMMITMENT

From our expert-packed U.S. research centers to the more than $1.4 billion we invest annually in research and development—No. 2 globally in R&D spend—we take everything our teams hear from farmers and see in the field to develop the solutions farmers need and commercialize them as quickly as possible. Syngenta is investing $400 million in our North American Seeds business to drive the balanced synchronization of speed, precision and power.

More Speed

**TRAINT INTROGRESSION ACCELERATION**

- New $45 million corn-focused facility in Nampa, Idaho
- Trait conversion accelerator infrastructure enables Syngenta to rapidly bring market-leading corn traits to market using controlled environment growth spaces and state-of-the-art processes
- Soy-focused facility in Clinton, Illinois, is the industry’s first large-scale facility of this type
- Aims to get new traits into high-performing germplasm as rapidly as possible, moving to field trials in record time
- Optimized seed testing and development to shorten the path to commercial varieties to as little as three years from the typical six- to seven years
- How we’re able to bring options like Enlist E3® soybean varieties to market faster than almost anyone else in the industry without ever taking risks on product performance

**HI-EDIT™ TECHNOLOGY**

- Proprietary and revolutionary method will improve speed to market without sacrificing precision or quality, shortening the trait introgression process
- Tim Kelliher, Ph.D., of Syngenta discovered the haploid inducer gene, H-I or HI gene, which makes the method possible
- With HI-Edit Technology, we’ve blended both gene editing and doubled haploid breeding methods, allowing us to edit hundreds of hybrid lines faster and getting new traits into our strong, proprietary genetics even faster

More Power

- Golden Harvest is committed to farmer collaboration in finding threats, opportunities, and custom solutions for every acre, leveraging the power of Syngenta Seeds R&D
  - By inviting farmers to see and participate in the process at our labs, growing chambers and in-field trials, we’re able to collaborate to fuel more timely and relevant innovations
- Syngenta Innovation Center at Research Triangle Park (RTP), North Carolina
  - Syngenta scientists stimulate various growing environments, including 50 acres of state-of-the-art greenhouses, to aid in the discovery and development of biotech seed technologies

More to Come

- R&D Innovation and Customer Experience Center in Malta, Illinois
  - Brings together the best researchers, scientists and farmers from across the country for on-farm collaboration
  - An ideation center that will test new decision science concepts that stem from the needs of our farmer customers
- Syngenta’s Farm of the Future in Ottawa, Illinois
  - Serving as an incubator for concepts coming out of the Customer Experience Center, its sole purpose is to determine whether a concept can scale up to commercial level and bring farmers the value they are looking for (or vice versa) or needs to be pulled back for additional research
  - 152 acres managed by Syngenta employees

---

**OUR R&D COMMITMENT**

From our expert-packed U.S. research centers to the more than $1.4 billion we invest annually in research and development—No. 2 globally in R&D spend—we take everything our teams hear from farmers and see in the field to develop the solutions farmers need and commercialize them as quickly as possible. Syngenta is investing $400 million in our North American Seeds business to drive the balanced synchronization of speed, precision and power.

**More Speed**

- **TRAINT INTROGRESSION ACCELERATION**
  - New $45 million corn-focused facility in Nampa, Idaho
  - Trait conversion accelerator infrastructure enables Syngenta to rapidly bring market-leading corn traits to market using controlled environment growth spaces and state-of-the-art processes
  - Soy-focused facility in Clinton, Illinois, is the industry’s first large-scale facility of this type
  - Aims to get new traits into high-performing germplasm as rapidly as possible, moving to field trials in record time
  - Optimized seed testing and development to shorten the path to commercial varieties to as little as three years from the typical six- to seven years
  - How we’re able to bring options like Enlist E3® soybean varieties to market faster than almost anyone else in the industry without ever taking risks on product performance

**HI-EDIT™ TECHNOLOGY**

- Proprietary and revolutionary method will improve speed to market without sacrificing precision or quality, shortening the trait introgression process
- Tim Kelliher, Ph.D., of Syngenta discovered the haploid inducer gene, H-I or HI gene, which makes the method possible
- With HI-Edit Technology, we’ve blended both gene editing and doubled haploid breeding methods, allowing us to edit hundreds of hybrid lines faster and getting new traits into our strong, proprietary genetics even faster

**More Power**

- Golden Harvest is committed to farmer collaboration in finding threats, opportunities, and custom solutions for every acre, leveraging the power of Syngenta Seeds R&D
  - By inviting farmers to see and participate in the process at our labs, growing chambers and in-field trials, we’re able to collaborate to fuel more timely and relevant innovations
- Syngenta Innovation Center at Research Triangle Park (RTP), North Carolina
  - Syngenta scientists stimulate various growing environments, including 50 acres of state-of-the-art greenhouses, to aid in the discovery and development of biotech seed technologies

**More to Come**

- R&D Innovation and Customer Experience Center in Malta, Illinois
  - Brings together the best researchers, scientists and farmers from across the country for on-farm collaboration
  - An ideation center that will test new decision science concepts that stem from the needs of our farmer customers
- Syngenta’s Farm of the Future in Ottawa, Illinois
  - Serving as an incubator for concepts coming out of the Customer Experience Center, its sole purpose is to determine whether a concept can scale up to commercial level and bring farmers the value they are looking for (or vice versa) or needs to be pulled back for additional research
  - 152 acres managed by Syngenta employees

---

**OUR R&D COMMITMENT**

From our expert-packed U.S. research centers to the more than $1.4 billion we invest annually in research and development—No. 2 globally in R&D spend—we take everything our teams hear from farmers and see in the field to develop the solutions farmers need and commercialize them as quickly as possible. Syngenta is investing $400 million in our North American Seeds business to drive the balanced synchronization of speed, precision and power.

**More Speed**

- **TRAINT INTROGRESSION ACCELERATION**
  - New $45 million corn-focused facility in Nampa, Idaho
  - Trait conversion accelerator infrastructure enables Syngenta to rapidly bring market-leading corn traits to market using controlled environment growth spaces and state-of-the-art processes
  - Soy-focused facility in Clinton, Illinois, is the industry’s first large-scale facility of this type
  - Aims to get new traits into high-performing germplasm as rapidly as possible, moving to field trials in record time
  - Optimized seed testing and development to shorten the path to commercial varieties to as little as three years from the typical six- to seven years
  - How we’re able to bring options like Enlist E3® soybean varieties to market faster than almost anyone else in the industry without ever taking risks on product performance

**HI-EDIT™ TECHNOLOGY**

- Proprietary and revolutionary method will improve speed to market without sacrificing precision or quality, shortening the trait introgression process
- Tim Kelliher, Ph.D., of Syngenta discovered the haploid inducer gene, H-I or HI gene, which makes the method possible
- With HI-Edit Technology, we’ve blended both gene editing and doubled haploid breeding methods, allowing us to edit hundreds of hybrid lines faster and getting new traits into our strong, proprietary genetics even faster

**More Power**

- Golden Harvest is committed to farmer collaboration in finding threats, opportunities, and custom solutions for every acre, leveraging the power of Syngenta Seeds R&D
  - By inviting farmers to see and participate in the process at our labs, growing chambers and in-field trials, we’re able to collaborate to fuel more timely and relevant innovations
- Syngenta Innovation Center at Research Triangle Park (RTP), North Carolina
  - Syngenta scientists stimulate various growing environments, including 50 acres of state-of-the-art greenhouses, to aid in the discovery and development of biotech seed technologies

**More to Come**

- R&D Innovation and Customer Experience Center in Malta, Illinois
  - Brings together the best researchers, scientists and farmers from across the country for on-farm collaboration
  - An ideation center that will test new decision science concepts that stem from the needs of our farmer customers
- Syngenta’s Farm of the Future in Ottawa, Illinois
  - Serving as an incubator for concepts coming out of the Customer Experience Center, its sole purpose is to determine whether a concept can scale up to commercial level and bring farmers the value they are looking for (or vice versa) or needs to be pulled back for additional research
  - 152 acres managed by Syngenta employees
Strong agronomics are at the core of the Golden Harvest brand. Our agronomists and Golden Harvest Seed Advisors listen and record actionable data and local insights to precisely place products for maximum performance in your fields. With a year-round commitment to taking in every facet of your farm and doing whatever it takes to optimize yield potential in your field conditions, our team helps you manage your corn and soybean crops throughout the season—giving you the most out of every acre.

**Seeding Rate Online Tool**

**YIELD ENVIRONMENT**
- Optimum seeding rates increase as yield potential increases. The penalty associated with choosing the incorrect seeding rate also increases at higher yield environments.

**HYBRID RESPONSE**
- The yield response to increasing or decreasing seeding rates differs considerably among hybrids. Golden Harvest evaluates each hybrid’s seeding response at multiple trialing locations each year for two or more years to help fine-tune field recommendations by yield environments.

**ECONOMIC FACTORS**
- The optimum seeding rate for maximizing return will be slightly lower than the highest yielding seeding rate. The optimum economic seeding rate will also go up or down with commodity prices. Increases in seed cost will reduce the economic optimum, although cost influences seeding rate much less than other factors.

**Agronomy Book Experts**

The Golden Harvest Agronomy in Action Research Review offers expert insights and research on corn and soybean development, disease management and cultivating a better harvest in your fields. Our Agronomy Team experts specialize in listening to every cue and detail in your area and the industry, then recommending the best custom solutions for your fields and conditions.

---

"Golden Harvest provides growers with industry-leading agronomic insights through our industry-leading Agronomy In Action information and research. Look to Golden Harvest for timely and cutting-edge agronomy information."

-Dave Schlake, Golden Harvest Agronomy Lead

"The Golden Harvest Agronomy Team is committed to you and your operation’s success. Whether it be product knowledge and recommendations or broad-based agronomic advice, we stand ready, willing and able to help you navigate the upcoming growing season and ensure our success on your farm.

-Steve Wilkens, Golden Harvest Agronomy Lead"
Extensive testing leads to proven performance in our soybean varieties. We get new traits into high-performing soybean germplasm as quickly as possible, so that varieties can move to field trials in record time. It’s how we brought Enlist E3 soybeans to market faster than almost anyone else in the industry and have accelerated our process to deliver new varieties three years faster than the typical six- to seven-year timeline, without sacrificing product performance. We specialize in speed, precision and testing, ensuring farmers get the performance they expect.

Golden Harvest Gold Series*
Gold Series soybeans from Golden Harvest are specifically bred and selected for our soybean portfolio. We’ve taken the time to perfect our germplasm then combine it with in-demand Enlist E3 soybeans and XtendFlex® traits to bring products that give farmers the confidence in lasting performance. By combining our R&D innovation with new traits into our high-performing germplasm, we deliver a Gold Series portfolio of soybean solutions that put our farmers’ yield potential first.

Your choice of industry-leading traits for superior weed control

- Elite genetics with strong yield potential and agronomics
- The next generation of elite Golden Harvest soybean genetics
- Provides tolerance to dicamba, glyphosate and glufosinate to help manage tough weeds and protect yield potential
- In-season glyphosate and glufosinate applications

Golden Harvest Gold Series™
Enlist E3 soybean weed management is second to none. At the end of the day, it is a great program and it works. It flat-out kills weeds.

- Mark Donnell, Golden Harvest Soybean Farmer, Mattoon, IL
Golden Harvest Preferred Seed Treatments

> Delivers customized soybean seed protection with improved disease control and handling properties
> Contains an enhanced rate of Apron XL® fungicide seed treatment for superior protection of seed- and soilborne diseases such as Pythium and early-season Phytophthora
> With unique polymers that bind active ingredients to the seed coat, the seed treatment decreases dust-off and improves seed flow through treating and planting equipment
> Powered by CruiserMaxx® Vibrance® seed treatment with an option to add Saltro® fungicide seed treatment, the leading protection against Sudden Death Syndrome (SDS) and Soybean Cyst Nematode (SCN)

SOYBEAN SEED TREATMENTS

Helping Crops Reach Full Potential

Your Seed Advisor is extremely knowledgeable on the entire Syngenta crop protection portfolio and can recommend the right products for your conditions. From herbicides and fungicides to insecticides and seed treatments, these products are designed to increase plant health and improve crop yield potential and performance in both corn and soybeans.

+4 BU/A
Yield Improvement

Improved Disease Control

Enhanced with Saltro®

+4 bushels per acre (bu/A) yield improvement over ILEVO® under SDS pressure
Higher intrinsic activity than older technology to protect against the cause of SDS
Robust activity against Soybean Cyst, Root Knot, Reniform, Lesion and Lance Nematodes
Superior protection from SDS without signs of plant stress, including phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather and reduced plant growth above- and below-ground

Powered by CruiserMaxx® Vibrance®

Delivers early season, broad-spectrum insect and disease control from day one
Delivers faster speed to canopy and more robust, vigorous plants for improved overall performance through the Cruiser® Vigor Effect
Optimizes root health, nutrient uptake, water usage and stress tolerance for better emergence through the unique Rooting Power of Vibrance fungicide seed treatment

Why Saltro
### Soybean Characteristics

**Character**

<table>
<thead>
<tr>
<th>Character</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>T = Tall</td>
</tr>
<tr>
<td>Color</td>
<td>BL = Black</td>
</tr>
<tr>
<td>Protein and Oil</td>
<td>B = Bush</td>
</tr>
<tr>
<td>Flower Color</td>
<td>- = None</td>
</tr>
<tr>
<td>Pod Color</td>
<td>W = White</td>
</tr>
<tr>
<td>Chlorophyll Sensitivity</td>
<td>G = Green</td>
</tr>
<tr>
<td>Adaptation to Soil Types</td>
<td>- = Not Available</td>
</tr>
<tr>
<td>Herbicide Resistance</td>
<td>- = Not Available</td>
</tr>
</tbody>
</table>

**Adaptation to Soil Types**

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall</td>
<td>T = Tall</td>
</tr>
<tr>
<td>Medium-Short</td>
<td>M = Medium-Short</td>
</tr>
<tr>
<td>Bush</td>
<td>B = Bush</td>
</tr>
<tr>
<td>M = Medium</td>
<td></td>
</tr>
<tr>
<td>1 = High</td>
<td></td>
</tr>
<tr>
<td>2 = Medium</td>
<td></td>
</tr>
<tr>
<td>3 = Low</td>
<td></td>
</tr>
</tbody>
</table>

**Herbicide Resistance**

<table>
<thead>
<tr>
<th>Herbicide</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Phytophthora Boot Rot**

<table>
<thead>
<tr>
<th>Phytophthora</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Soybean Cyst Nematode**

<table>
<thead>
<tr>
<th>Soybean Cyst Nematode</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Disease/pest**

<table>
<thead>
<tr>
<th>Disease/pest</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Yield Reviews**

<table>
<thead>
<tr>
<th>Yield Reviews</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Product**

<table>
<thead>
<tr>
<th>Product</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Soybean Brands**

<table>
<thead>
<tr>
<th>Soybean Brands</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Herbicide Tolerance Traits**

<table>
<thead>
<tr>
<th>Herbicide Tolerance Traits</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Resistant to**

<table>
<thead>
<tr>
<th>Resistant to</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Soybean Cyst Nematode**

<table>
<thead>
<tr>
<th>Soybean Cyst Nematode</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Disease/Pest**

<table>
<thead>
<tr>
<th>Disease/Pest</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Soybean Resistant**

<table>
<thead>
<tr>
<th>Soybean Resistant</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Phytophthora Gene Resistance**

<table>
<thead>
<tr>
<th>Phytophthora Gene Resistance</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Resistance to**

<table>
<thead>
<tr>
<th>Resistance to</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Soybean Yield Reviews**

<table>
<thead>
<tr>
<th>Soybean Yield Reviews</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Product**

<table>
<thead>
<tr>
<th>Product</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
**SOYBEAN CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Product</th>
<th>AGRONOMIC/PLANT CHARACTERISTICS*</th>
<th>GRAIN QUALITY*</th>
<th>DISEASE/PEST†</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GH3582E3</td>
<td>E3 - 2 3 MB M IND 3 2 1 PUR LTW BR BL INC 3 G G B G B B B</td>
<td>3.9 20.6 S 3 PI88788 MR3 1 - 5</td>
<td>- - S 4 PI88788 R3, MR14 1 - 5</td>
<td>GOLD Series = **</td>
</tr>
<tr>
<td>Product</td>
<td>Agronomic/Plant Characteristics*</td>
<td>Grain Quality*</td>
<td>Phytotoxic Boot Rut</td>
<td>Disease/Pest*</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------</td>
<td>----------------</td>
<td>---------------------</td>
<td>--------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI88788</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SOYBEAN VARIETIES

Soybean Brand

GH2102XF

EXCELLENT YIELD POTENTIAL WITH STRONG DEFENSE
- Well adapted with excellent or good yield in most seasons
- High test weight and improved yield potential
- Adapts well to a wide range of conditions

Herbicide Traits

Specific relative maturity for this variety.

GH0325E3

EXCELLENT YIELD POTENTIAL FOR MATURITY
- Soybean Cyst Nematode protection in an early bean
- Adapts to all row widths
- Performs in and out of the Red River Valley

RM: 0.3

GH0822XF

GREAT YIELD POTENTIAL WITH STRESS TOLERANCE
- Large plant type performs well on both drought-stressed and poorly drained acres
- Good fit for the high pH acre where Soybean Cyst Nematode can be an issue
- Rps1c gene with strong tolerance to Phytophthora Root Rot

RM: 0.8

GH1442XF

PROVEN GENETICS WITH A COMPLETE DISEASE PACKAGE
- Consistent performance with broad adaptation across soil types
- Very strong Phytophthora tolerance allows for planting in poorly drained soils
- Excellent standability with strong tolerance to Soybean White Mold

RM: 1.4

GH1802E3

NEW GENETICS FOR THE ENLIST E3 TRAIT PLATFORM
- Good stress tolerance for drought-prone acres
- Stands well with very strong tolerance to Soybean White Mold
- Performs well in high-yield environments

RM: 1.8

Ratings are based on field observations collected by Syngenta from multiple locations over multiple years. They represent comparisons with company products only.
**GH1922E3**

**STEP-CHANGE IN PERFORMANCE**

- Outstanding tolerance to SDS
- Rps1k gene with strong field tolerance to Phytophthora Root Rot
- Medium-tall plant type with good stress tolerance

**GH2011E3**

**GREAT DISEASE PACKAGE WITH STRONG PERFORMANCE ACROSS A WIDE GEOGRAPHY**

- Excellent SDS tolerance
- Rps1k/Rps3a stack with excellent field tolerance to Phytophthora
- Great row spacing flexibility

**GH2102XF**

**EXCELLENT YIELD POTENTIAL WITH STRONG DEFENSE**

- Widely adapted while excelling on poorly drained soils
- Very good tolerance to Phytophthora, Sudden Death Syndrome, Iron Deficiency Chlorosis, and Frogeye Leaf Spot
- Performs well south of zone

**GH2722XF**

**PROVEN GENETICS THAT DELIVER TOP-END YIELD POTENTIAL**

- Broadly adapted with strong Sudden Death Syndrome tolerance
- Rps1c and very good Phytophthora tolerance for heavier soils
- Dependable standability throughout the season

**GH2922E3**

**EXCITING YIELD POTENTIAL WITH A STELLAR DEFENSIVE PACKAGE**

- Broadly adapted with superb Sudden Death Syndrome tolerance
- Solid performance across soils excelling on Phytophthora-prone acres
- Strong Iron Deficiency Chlorosis tolerance for high pH soils

**GH3132E3**

**WIDELY ADAPTED WITH SOLID DEFENSE**

- Stacked Rps1k/Rps3a genes to protect against Phytophthora
- Good performance in clay soils with high water holding capacity
- Flexible to move north or south of zone

**GH3442XF**

**EXCELLENT PERFORMANCE FOR ANY YIELD ENVIRONMENT**

- Performs well both north and south of zone
- Top-end yield potential protected by a solid defensive package
- Good performance across soil types

**GH3582E3**

**SUPERIOR PERFORMANCE ACROSS GEOGRAPHIES**

- Very strong yields across multiple years
- Reliable SDS tolerance
- Exceptional Southern Stem Canker protection
The biggest advantage with Golden Harvest is their wide variety of traits that they have to offer me; different traits for the different fields and varying soil conditions that I farm in. Having that wide variety has definitely allowed me to maximize my yields.

-Darrin Fisher, Golden Harvest Soybean Farmer, Lake Lillian, MN

**GH3732XF**
**BRAND**
**EXCELLENT PERFORMER ACROSS REGIONS**

- Performs well both north and south of zone
- Handles droughty soils well
- Consistent potential at any yield level

**GH3922E3**
**BRAND**
**TOP YIELD POTENTIAL ACROSS ENVIRONMENTS**

- Proven tolerance to Sudden Death Syndrome and Frogeye Leaf Spot
- Ability to handle drought stress
- Widely adapted for easy placement

**GH4222XF**
**BRAND**
**TOP-END YIELD POTENTIAL WITH BROAD ADAPTATION**

- Solid tolerance to Sudden Death Syndrome with great standability
- Equally impressive on both dryland and irrigated acres
- Performs across all soil types

**GH4452XFS**
**BRAND**
**FARMER-TRUSTED GENETICS WITH TOP-END PERFORMANCE**

- Very good standability for an easy harvest
- Excellent choice for both first-crop and double-crop acres
- Wide area of adaptation with STS tolerance

**GH3952XF**
**BRAND**
**GREAT AGRONOMICS WITH EXCITING YIELD POTENTIAL**

- Superior Sudden Death Syndrome tolerance allows for early planting
- Moves south of zone well
- Great potential at any yield level

**GH4612E3S**
**BRAND**
**TOP PERFORMANCE WITH STS TOLERANCE AND CHLORIDE EXCLUDER**

- Well suited for either dryland or irrigated acres
- Excellent choice for clay soils
- Tremendous Southern Stem Canker tolerance
Golden Harvest is committed to innovation to develop and deliver the right corn hybrids to perform in your fields. Thousands of corn traits are tested to find the one that’s the safest, highest performing and most effective. Our Nampa, Idaho facility embodies a core pillar of our commitment to fueling a stronger corn lineup with first-in-line innovations available to farmers.

Proven Success

- Golden Harvest performed successfully in the 2020 F.I.R.S.T. (Farmers’ Independent Research of Seed Technologies) comparisons with the help of improved trait introgression
- Speed and quality achieved with 100% temperature and environmental controls to help create more traited hybrids in elite germplasm
- Including the power of Agrisure Duracade® trait for above- and below-ground control with Agrisure Viptera® trait for above-ground control providing premium protection
Agrisure Corn Traits

Agrisure® corn traits offer the most complete above- and below-ground insect control solutions. Control of these damaging pests provides:

ABOVE-GROUND

> Less damage from ear-, stalk- and leaf feeding insects resulting in:
  • Less stand loss
  • Noticeably healthier ears with less insect damage
  • Reduced risk of mold and mycotoxin development for high-quality grain

BELOW-GROUND

> Stronger, more robust root systems that lead to:
  • Healthier plants
  • Fuller leaves that allow for increased photosynthesis and maximum grain fill
  • More robust stalks that stand tall

Agrisure Duracade trait stack controls 16 above- and below-ground insects—more than any other competitive trait stack on the market, making it the industry’s most innovative solution for proactively protecting yield potential and field health against the devastating threat of above- and below-ground pests.

> Features a unique mode of action for strong corn rootworm control
> Provides new trait rotational option for a healthier field long-term
> Combines elite genetics for higher yield potential
  • 4.1 bu/A average over products without Agrisure Duracade*
> When combined with Agrisure Viptera, farmers get the most complete above- and below-ground insect control

Agrisure Viptera controls up to 13 above-ground insects and is the only trait available today that effectively controls western bean cutworm

> Delivers cleaner ears for superior grain quality
> 7.3 bu/A** yield advantage under ear-feeding insect pressure

Agrisure Artesian hybrids contain multiple genes for season-long drought protection. Agrisure Artesian traits combine with elite genetics, allowing plants to manage gaps in rainfall through the season and optimize yield in good conditions, delivering nearly 12% higher yields*** compared to other hybrids in severe and extreme drought.

---

* Data summarized from 360 Syngenta field trials in 2018
** Study results from Syngenta field trials in 33 locations
*** Data is based on 7,613 Syngenta on-farm strip trials across the Corn Belt. 2010-2014 Syngenta defines a yield environment of 50-99 bu/A as severe and fewer than 50 bu/A as extreme.

---

To help farmers understand the competitive advantage of Agrisure traits, we developed a streamlined naming system that helps you identify the insect control you get with each trait. The system creates consistency for delivery of new technology and trait-stacking opportunities.
**CORN CHARACTERISTICS**

**PRODUCT**

Above/Below-Ground Insect Protection with E-Z Refuge

**TRAIT OFFERS**

Agrisure Duracase

Agrisure 3210

Agrisure 3122

Agrisure 3212

Agrisure 2000GT

Agrisure Vipera

Agrisure GT

Agrisure CT

Agrisure

**MATURITY INFORMATION**

Relative Maturity (RM) based on interpretation of statistically analyzed results of studies conducted above/below-ground. GDUs to Silk and GDUs to Black Layer ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation. Note: Disease and Insect Ratings are based on interpretation of statistically analyzed results of studies conducted above/below-ground.

**PRODUCT TRAIT OFFERS**

**AGRONOMIC CHARACTERISTICS**

Emergence, Root Strength, Stalk Strength, Drought, Drought, Goss’s Wilt, Bacterial Leaf Streak, Southern Corn Leaf Blight, Eyespot, Anthracnose Stalk Rot, Common Rust, Gray Leaf Spot, Goss’s Wilt, Bacterial Leaf Streak, Southern Corn Leaf Blight, Eyespot, Anthracnose Stalk Rot, Common Rust, Gray Leaf Spot, Staygreen, Drought

**PLANT CHARACTERISTICS**

Plant Height, Ear Height, Root Type, Leaf Type, Ear Flex

**DISEASE TOLERANCE**

Emergence, Root Strength, Stalk Strength, Drought, Drought, Goss’s Wilt, Bacterial Leaf Streak, Southern Corn Leaf Blight, Eyespot, Anthracnose Stalk Rot, Common Rust, Gray Leaf Spot, Staygreen, Drought

**PRODUCT**

New

**NOTE:** Disease and Insect Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary disease such as stalk and ear rot. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure.
# Corn Characteristics

## Product

<table>
<thead>
<tr>
<th>Product</th>
<th>Trait Offers</th>
<th>Inspect Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>Above/Below-Ground Insect Protection</td>
<td>No Insect</td>
</tr>
<tr>
<td>Corn</td>
<td>Above-Ground Insect Protection</td>
<td>No Insect</td>
</tr>
<tr>
<td>Corn</td>
<td>Above/Below-Ground Insect Protection with E-Z Refuge</td>
<td>No Insect</td>
</tr>
<tr>
<td>Corn</td>
<td>Above-Ground Insect Protection with E-Z Refuge</td>
<td>No Insect</td>
</tr>
</tbody>
</table>

## AGRONOMIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Root Type</td>
<td>1 = Best</td>
<td>- No Available</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>1 = Tall</td>
<td>- No Available</td>
</tr>
<tr>
<td>Leaf Type</td>
<td>1 = Upright</td>
<td>1 = High</td>
</tr>
<tr>
<td>Plant Height</td>
<td>1 = Short</td>
<td>1 = High</td>
</tr>
<tr>
<td>Water-Optimized Hybrid</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

## PLANT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Root Type</td>
<td>1 = Best</td>
<td>- No Available</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>1 = Tall</td>
<td>- No Available</td>
</tr>
<tr>
<td>Leaf Type</td>
<td>1 = Upright</td>
<td>1 = High</td>
</tr>
<tr>
<td>Plant Height</td>
<td>1 = Short</td>
<td>1 = High</td>
</tr>
<tr>
<td>Root Type</td>
<td>1 = Best</td>
<td>- No Available</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>1 = Tall</td>
<td>- No Available</td>
</tr>
<tr>
<td>Leaf Type</td>
<td>1 = Upright</td>
<td>1 = High</td>
</tr>
<tr>
<td>Plant Height</td>
<td>1 = Short</td>
<td>1 = High</td>
</tr>
</tbody>
</table>

## DISEASE TOLERANCE

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacterial Leaf Blight</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Blight</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Root Rot</td>
<td>1 = Short</td>
<td>- No Available</td>
</tr>
<tr>
<td>Bacterial Leaf Blight</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Blight</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Root Rot</td>
<td>1 = Short</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

## PHYTOPATHOLOGY

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyespot</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Common Rust</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

## HYBRID SERIES

<table>
<thead>
<tr>
<th>Hybrid Series</th>
<th>Plant Type</th>
<th>Plant Height</th>
<th>Root Type</th>
<th>Ear Flex</th>
<th>Leaf Type</th>
<th>Plant Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>1 = High</td>
<td>1 = Tall</td>
<td>1 = Upright</td>
<td>1 = Short</td>
<td>1 = High</td>
<td></td>
</tr>
</tbody>
</table>

Flx hybrids adjust to growing conditions by changing row length or kernel depth. Deleterious/Fixed hybrids are less able to adjust row size. Plant Population is considered more important for a deleterious or hybrid than for a flex hybrid.

Note: Disease and Pest Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary diseases such as stalk and ear rot. If conditions are severe, even hybrids rated as resistant can be adversely affected.

Cob Color

<table>
<thead>
<tr>
<th>Color</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B = Blue</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>P = Pink</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

Drought

<table>
<thead>
<tr>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

## HYBRID SERIES

<table>
<thead>
<tr>
<th>Hybrid Series</th>
<th>Plant Type</th>
<th>Plant Height</th>
<th>Root Type</th>
<th>Ear Flex</th>
<th>Leaf Type</th>
<th>Plant Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>1 = High</td>
<td>1 = Tall</td>
<td>1 = Upright</td>
<td>1 = Short</td>
<td>1 = High</td>
<td></td>
</tr>
</tbody>
</table>

Note: Disease and Pest Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary diseases such as stalk and ear rot. If conditions are severe, even hybrids rated as resistant can be adversely affected.

Cob Color

<table>
<thead>
<tr>
<th>Color</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B = Blue</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>P = Pink</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

Drought

<table>
<thead>
<tr>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

## HYBRID SERIES

<table>
<thead>
<tr>
<th>Hybrid Series</th>
<th>Plant Type</th>
<th>Plant Height</th>
<th>Root Type</th>
<th>Ear Flex</th>
<th>Leaf Type</th>
<th>Plant Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>1 = High</td>
<td>1 = Tall</td>
<td>1 = Upright</td>
<td>1 = Short</td>
<td>1 = High</td>
<td></td>
</tr>
</tbody>
</table>

Note: Disease and Pest Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary diseases such as stalk and ear rot. If conditions are severe, even hybrids rated as resistant can be adversely affected.

Cob Color

<table>
<thead>
<tr>
<th>Color</th>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B = Blue</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
<tr>
<td>P = Pink</td>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>

Drought

<table>
<thead>
<tr>
<th>Rating Scale</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = High</td>
<td>- No Available</td>
</tr>
</tbody>
</table>
# CORN AGRONOMIC MANAGEMENT

## PRODUCT

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Rating Scale</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seeding Rate (X1000)</td>
<td>1 = Best</td>
<td>Good</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Adaptation to Soil Types/ Yield Environments</td>
<td>2 = Fair</td>
<td>Fair</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Adaptation to End-Use Traits</td>
<td>3 = Poor</td>
<td>Poor</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
</tbody>
</table>

## AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS

<table>
<thead>
<tr>
<th>Trait Description</th>
<th>Rating Scale</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Root Strength</td>
<td>1 = Best</td>
<td>Good</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Panicle Density</td>
<td>2 = Fair</td>
<td>Fair</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Grain Quality</td>
<td>3 = Poor</td>
<td>Poor</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
</tbody>
</table>

## END-USE TRAITS

<table>
<thead>
<tr>
<th>Trait Description</th>
<th>Rating Scale</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Feed-to-Gain</td>
<td>1 = Best</td>
<td>Good</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Pork Feed-to-Gain</td>
<td>2 = Fair</td>
<td>Fair</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Oil</td>
<td>3 = Poor</td>
<td>Poor</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
</tbody>
</table>

## Seeding Rate (X1000)

<table>
<thead>
<tr>
<th>Product</th>
<th>Rating</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Harvest</td>
<td>G10B21</td>
<td>106</td>
<td>24.0</td>
<td>Good</td>
</tr>
<tr>
<td>New</td>
<td>G8015</td>
<td>108</td>
<td>24.0</td>
<td>Good</td>
</tr>
</tbody>
</table>

## Adaptation to Soil Types/ Yield Environments

<table>
<thead>
<tr>
<th>Trait Description</th>
<th>Rating</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Corn</td>
<td>1 = Best</td>
<td>Good</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Drought Prone</td>
<td>2 = Fair</td>
<td>Fair</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Highly Productive</td>
<td>3 = Poor</td>
<td>Poor</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
</tbody>
</table>

## END-USE TRAITS

<table>
<thead>
<tr>
<th>Trait Description</th>
<th>Rating</th>
<th>Score Interpretation</th>
<th>Drought</th>
<th>Water Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Feed-to-Gain</td>
<td>1 = Best</td>
<td>Good</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Pork Feed-to-Gain</td>
<td>2 = Fair</td>
<td>Fair</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
<tr>
<td>Oil</td>
<td>3 = Poor</td>
<td>Poor</td>
<td>Syngenta</td>
<td>water-optimized hybrid</td>
</tr>
</tbody>
</table>

Agromancy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.
Hybrid Series
All hybrids within this series were developed from the same base genetics.

This two-digit number is the same as the last two digits of relative maturity.

The next letter and two-digit number are designated to uniquely identify each genetic family.

Trait versions available in this hybrid series.

- "A" indicates the presence of Agrisure Artesian technology for water optimization in the hybrid.
- E-Z Refuge® Seed Blend: Products include integrated in-bag 5% refuge.
- The dash separates the genetic and trait portions.
- The trait designator aligns with the Agrisure traits nomenclature system.
- NEW: Indicates hybrid series or hybrid trait versions new for 2021.

RM
Specific relative maturity for this hybrid series.

G91V51
G80Q01
G90S99
G91V51
G95D32

CONSISTENT POTENTIAL ACROSS A WIDE RANGE OF YIELD ENVIRONMENTS

- Maximizes yield when it rains, increases yield potential when it doesn’t
- Very good root strength
- Excellent test weight

TOP-END YIELD POTENTIAL WITH BROAD ADAPTATION

- Great emergence and strong seedling vigor provide a fast start at planting
- Outstanding stress tolerance reduces grower risk
- Strong performance across different soil types allows flexible placement

DOMINATING PERFORMANCE WITH AGRISURE ARTESIAN TECHNOLOGY

- Maximizes yield when it rains, increases yield potential when it doesn’t
- Strong emergence and seedling vigor for a fast start
- Broad adaptation across all soils and yield environments

DIVERSE GENETICS WITH EXCITING YIELD POTENTIAL

- Broad adaptation across yield environments
- Superb stability for season-long standability
- Solid agronomics for continuous corn acres

Map
Primary (and secondary, where applicable) areas of adaptation for this variety series. Areas are suggested; performance may vary.
**G09T26**

OUTSTANDING AGRONOMICS WITH BROAD ADAPTABILITY

- Strongest performance in medium to high yield environments
- Brings a new level of root and stalk strength
- Very strong emergence for early planting

**G10D21**

TOP-END YIELD POTENTIAL WITH PROVEN ROOTS AND STALKS FOR SEASON-LONG STANDABILITY

- Consistent high yield potential
- Broadly adapted with a great disease package
- Maximize yield potential and performance with higher populations

**G10L16**

INDUSTRY-LEADING YIELD POTENTIAL ACROSS ALL ACRES

- Leading drought tolerance powered by Agrisure Artesian Technology
- Moderate plant structure for residue management
- Excellent drydown for an early harvest option

**G11V76**

VERSATILITY ACROSS SOIL TYPES COMBINED WITH STRONG DROUGHT TOLERANCE

- Moderate plant type with strong roots aids standability
- Fast drydown and good grain quality
- Dependable emergence in stress environments

**G12S75**

OUTSTANDING STALKS FOR LATE-SEASON STANDABILITY

- Very good staygreen and late-season intactness
- Strong disease tolerance to NCLB and GLS
- Good ear flex provides population flexibility

**G13D55**

PROVEN DISEASE PACKAGE TO MAXIMIZE YIELD POTENTIAL

- Excellent ear flex to drive yield potential across populations
- Outstanding grain quality and stalk strength
- Excellent staygreen enhances late season intactness

**G13H15**

BROADLY ADAPTED HYBRID FOR EXCELLENT POTENTIAL ACROSS YIELD ENVIRONMENTS

- Very strong stalks for season-long standability
- Outstanding late-season plant health and intactness
- Strong performance under drought conditions

**G13P84**

OUTSTANDING ROOT STRENGTH WITH PROVEN STALKS FOR SEASON-LONG STANDABILITY

- Solid agronomics with great test weight for the Central and Eastern Corn Belt
- Excellent choice for medium and high yield environments
- Maximum yield potential achieved at higher populations
**CORN SEED TREATMENTS**

With novel active ingredients and crop-specific seed treatment recipes across all major crops, our goal is to improve germination, seedling vigor, plant stand and healthy root systems to get your crops off to a great start. We believe new technologies can change the way we grow and protect crops.

**Vayantis**

Introducing Vayantis seed treatment, a novel, new mode of Pythium protection.

- Most robust Pythium activity ever offered; higher intrinsic Pythium activity than any available seed treatment, including ethaboxam or metalaxyl.
- New mode of action; no cross resistance with existing oomycete chemistries.
- Effective against all Pythium species (over 35 species and 420+ isolates tested).
- Excellent seed safety and compatibility with all other seed treatment products.
- Field performance (2015–2020; 25 locs) improvement by adding Vayantis Corn—Heavy Pythium (significant treatment effect locs):
  - +1.6 bu/A over Base
  - +2.0 bu/A over INTEGO® Solo (ethaboxam) + Base Corn – Broad Acre
  - +3.9 bu/A over Acceleron® Standard
  - +5.2 bu/A over Base

CruiserMaxx® Vibrance seed treatment provides powerful protection for corn against early-season insects and seedborne and soilborne diseases, promoting optimal root health, stress tolerance and plant vigor for better emergence.

Avicta® Complete Corn 500 seed treatment offers triple protection against early-season nematodes, insects and disease.

**CORN**

**CORN SEED TREATMENTS**

With novel active ingredients and crop-specific seed treatment recipes across all major crops, our goal is to improve germination, seedling vigor, plant stand and healthy root systems to get your crops off to a great start. We believe new technologies can change the way we grow and protect crops.

**Vayantis**

Introducing Vayantis seed treatment, a novel, new mode of Pythium protection.

- Most robust Pythium activity ever offered; higher intrinsic Pythium activity than any available seed treatment, including ethaboxam or metalaxyl.
- New mode of action; no cross resistance with existing oomycete chemistries.
- Effective against all Pythium species (over 35 species and 420+ isolates tested).
- Excellent seed safety and compatibility with all other seed treatment products.
- Field performance (2015–2020; 25 locs) improvement by adding Vayantis Corn—Heavy Pythium (significant treatment effect locs):
  - +1.6 bu/A over Base
  - +2.0 bu/A over INTEGO® Solo (ethaboxam) + Base Corn – Broad Acre
  - +3.9 bu/A over Acceleron® Standard
  - +5.2 bu/A over Base

CruiserMaxx® Vibrance seed treatment provides powerful protection for corn against early-season insects and seedborne and soilborne diseases, promoting optimal root health, stress tolerance and plant vigor for better emergence.

Avicta® Complete Corn 500 seed treatment offers triple protection against early-season nematodes, insects and disease.
Efficiency and Performance in Beef Operations

Enogen corn hybrids in livestock production have been shown to increase feed efficiency by an average of 5% in stocker and finishing cattle, according to feeding trials at the University of Nebraska-Lincoln (UNL) and Kansas State University (KSU). Enogen corn hybrids improve starch utilization, resulting in more available energy for your herd. Enogen corn hybrids may be harvested as silage, grain or high-moisture corn, allowing for greater flexibility and ease of use with minimized management needs compared to alternative silage-specific hybrids for beef or dairy operations. Farm-proven yields are equal to or better than non-Enogen hybrids.

Efficiency and Performance in Dairy Operations

Enogen corn hybrids increased feed efficiency by about 5%, fed as grain or silage, according to recent feeding trials at leading universities. These farm-proven results demonstrate excellent yield potential with elite genetics and production traits. Enogen Feed corn hybrids also offer ultimate flexibility, with the option to harvest as silage, grain or high-moisture corn. Silage quality and consistency are also shown to improve, making it less prone to spoilage, meaning it may last longer than other silage.

Ethanol Production

Enogen hybrids offer the first biotech corn output trait designed for ethanol production with advantages that reach far beyond the field. Enogen hybrids feature a unique corn enzyme that is designed to increase potential throughput while reducing natural gas, water and electricity use. These highly desirable traits may command a premium for potentially increased return on investment.

With proven, potentially high-yielding hybrids across a variety of soil conditions, Enogen corn may help boost the bottom line for producers of livestock (beef and dairy) or grain for ethanol.

3 Growers must comply with specific yet simple stewardship requirements.
Enogen Hybrid

**Agronomic Management**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS</th>
<th>END-USE TRAITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Score Interpretation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Agronomy Rate</td>
</tr>
</tbody>
</table>

**Seeding Rate (bushels/acre)**

- 80
- 120
- 160
- 200
- 240
- 280
- 320
- 360
- 400
- 440
- 480
- 520
- 560
- 600
- 640
- 680
- 720
- 760
- 800
- 840
- 880
- 920
- 960
- 1000
- 1040
- 1080
- 1120
- 1160
- 1200
- 1240
- 1280
- 1320
- 1360
- 1400
- 1440
- 1480
- 1520
- 1560
- 1600
- 1640
- 1680
- 1720
- 1760
- 1800
- 1840
- 1880
- 1920
- 1960
- 2000
- 2040
- 2080
- 2120
- 2160
- 2200
- 2240
- 2280
- 2320
- 2360
- 2400
- 2440
- 2480
- 2520
- 2560
- 2600
- 2640
- 2680
- 2720
- 2760
- 2800
- 2840
- 2880
- 2920
- 2960
- 3000
- 3040
- 3080
- 3120
- 3160
- 3200
- 3240
- 3280
- 3320
- 3360
- 3400
- 3440
- 3480
- 3520
- 3560
- 3600
- 3640
- 3680
- 3720
- 3760
- 3800
- 3840
- 3880
- 3920
- 3960
- 4000
- 4040
- 4080
- 4120
- 4160
- 4200
- 4240
- 4280
- 4320
- 4360
- 4400
- 4440
- 4480
- 4520
- 4560
- 4600
- 4640
- 4680
- 4720
- 4760
- 4800
- 4840
- 4880
- 4920
- 4960
- 5000
- 5040
- 5080
- 5120
- 5160
- 5200
- 5240
- 5280
- 5320
- 5360
- 5400
- 5440
- 5480
- 5520
- 5560
- 5600
- 5640
- 5680
- 5720
- 5760
- 5800
- 5840
- 5880
- 5920
- 5960
- 6000
- 6040
- 6080
- 6120
- 6160
- 6200
- 6240
- 6280
- 6320
- 6360
- 6400
- 6440
- 6480
- 6520
- 6560
- 6600
- 6640
- 6680
- 6720
- 6760
- 6800
- 6840
- 6880
- 6920
- 6960
- 7000
- 7040
- 7080
- 7120
- 7160
- 7200
- 7240
- 7280
- 7320
- 7360
- 7400
- 7440
- 7480
- 7520
- 7560
- 7600
- 7640
- 7680
- 7720
- 7760
- 7800
- 7840
- 7880
- 7920
- 7960
- 8000
- 8040
- 8080
- 8120
- 8160
- 8200
- 8240
- 8280
- 8320
- 8360
- 8400
- 8440
- 8480
- 8520
- 8560
- 8600
- 8640
- 8680
- 8720
- 8760
- 8800
- 8840
- 8880
- 8920
- 8960
- 9000
- 9040
- 9080
- 9120
- 9160
- 9200
- 9240
- 9280
- 9320
- 9360
- 9400
- 9440
- 9480
- 9520
- 9560
- 9600
- 9640
- 9680
- 9720
- 9760
- 9800
- 9840
- 9880
- 9920
- 9960
- 10000

**Rating Scale**

- 1 = Best
- 2 = Above Average
- 3 = Average
- 4 = Below Average
- 5 = Poor

**Test Weight**

- High
- Medium
- Low

**Plant Height**

- Tall
- Intermediate
- Short

**Rost Type**

- Penetrating
- Modified
- Fibrous
- Semi-Fibrous

**Ear Flex**

- Flexible
- Semi-Flexible
- Semi-Determinate
- Determinate

**Husk Cover**

- Short
- Medium
- Long

**Drought**

- Agronomy Artesian
- Water-Optimized Hybrid

**Score Interpretation**

- Best
- Good
- Fair
- Poor

**Drought**

- Poorly Drained
- Variable
- Highly Productive
- Water-Optimized

**Agronomy Ratings** are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.
SILAGE HYBRID CHARACTERISTICS

PRODUCT | AGRONOMIC CHARACTERISTICS | DISEASE TOLERANCE | AGRONOMIC RESEARCH RATINGS
--- | --- | --- | ---
| | | | Feed Effect On*

Trust your Seed Advisor to understand the silage needs of your operation and offer product recommendations to help increase the productivity of your herd. In addition to choosing hybrids that fit your soil conditions and your grain quality requirements, your Seed Advisor can offer advice on:

- Soil leading to monitor fertility issues as a result of manure applications
- Timing of planting
- Harvesting to ensure optimal moisture and higher quality silage
- How Enogen corn hybrids add value to your rations and can increase your return on investment potential

SILAGE PRODUCTS SELECTED TO PERFORM FOR YOUR HERD.

Trust your Seed Advisor to understand the silage needs of your operation and offer product recommendations to help increase the productivity of your herd. In addition to choosing hybrids that fit your soil conditions and your grain quality requirements, your Seed Advisor can offer advice on:

- Soil leading to monitor fertility issues as a result of manure applications
- Timing of planting
- Harvesting to ensure optimal moisture and higher quality silage
- How Enogen corn hybrids add value to your rations and can increase your return on investment potential

*G = Good, S = Special, P = Premium, T = Top

Feed Effect On* (lbs/Ac)

Milk (lbs/Ton)*

Beef (lbs/Ton)*

NEL (Mcal/lb)
A strong stewardship program is essential for protecting and preserving the long-term value of insect-protected trait technology. Syngenta provides responsible agriculture programs and information regarding the safe handling and storage of product.

**Grower Stewardship Agreement**

A strong stewardship program is essential for helping to protect and preserve the long-term value of Syngenta’s trait technology. Embracing this responsibility provides growers with ongoing choices and helps to ensure they remain good stewards of the land. Prior to planting corn hybrids with Agrisure traits, you are required to sign a Syngenta Seeds, LLC Stewardship Agreement. This agreement outlines the terms and conditions of growing hybrids with Agrisure traits, including the terms of a limited license under Syngenta’s intellectual property, compliance with Environmental Protection Agency (EPA)-mandated Insect Resistance Management (IRM) programs and grain channeling requirements. The deadline to have all completed agreements to Syngenta is June 30th, annually.

Agreements may be sent using one of the following four methods:

- **ONLINE**
  - www.agcelerate.com
  - www.syngentastewardship.com

- **EMAIL**
  - Agreement@agdata.com
  - Stewardship@syngenta.com

- **FAX**
  - 1-704-919-6581
  - Attn: Stewardship Support

- **MAIL**
  - AgCelerate
  - Attn: Stewardship Support
  - PO Box 221679
  - Charlotte, NC 28222-1678

**Best Management Practices**

Syngenta and other industry registrants have cooperatively developed the EPA mandated IRM Compliance Assurance Program. This program requires corn seed companies to evaluate the extent to which growers are adhering to the IRM requirements and ensure that those who do not are brought back into compliance.

**Resources**

To read and understand the full stewardship requirements found in the Syngenta Stewardship Guide or receive further assistance, use the resources below:

- Stewardship Information
  - www.syngentastewardship.com
- Stewardship Support and IRM Tips Line
  - 1-877-GRO-CORN (1-877-476-2676)
- Stewardship Support
  - syngentastewardship@syngenta.com
- Regulatory and Market Status of Agricultural Biotechnology Products
  - www.biotradestatus.com

**Corn Refuge Requirements**

It is important to recognize that different hybrid/trait packages may have different IRM requirements. On-farm mixing of any seed is not an approved method to comply with stewardship requirements. Before filling your planter, always check the bag tag to ensure you know the refuge size requirement.

<table>
<thead>
<tr>
<th>Product</th>
<th>IRM Requirement</th>
<th>Distance</th>
<th>Genotype</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agrisure GT®</td>
<td>No supplemental refuge required</td>
<td>20%</td>
<td>Within or adjacent 1/2 mile away</td>
</tr>
<tr>
<td>Agrisure GT®</td>
<td>Supplemental refuge required</td>
<td>20%</td>
<td>Within or adjacent 1/2 mile away</td>
</tr>
<tr>
<td>Agrisure RR®</td>
<td>No supplemental refuge required</td>
<td>20%</td>
<td>Within or adjacent 1/2 mile away</td>
</tr>
<tr>
<td>Agrisure Duracade®</td>
<td>Supplemental refuge required</td>
<td>20%</td>
<td>Within or adjacent 1/2 mile away</td>
</tr>
<tr>
<td>Agrisure 3000GT®</td>
<td>Supplemental refuge required</td>
<td>10%</td>
<td>Within or adjacent 1/3 mile away</td>
</tr>
</tbody>
</table>

Important: Always read and follow label and bag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides. Liberty Link®, Liberty®, and the Water Droplet logo are registered trademarks of BASF Corporation. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences, LLC. HERCULEX Insect Protection technology by Dow AgroSciences. YieldGard VT Pro® is a registered trademark used under license from the Bayer Group. The Liberty Link® trait may be protected under various United States patents. More information about Agrisure Duracade® is available at http://www.biotradestatus.com/.
The Golden Advantage™ is an extended terms offer with a 0% interest fee for farmers to purchase Golden Harvest seed products. Grow with Golden Advantage in three easy steps:

**Step 01**

Talk to Your Golden Harvest Seed Advisor

**Step 02**

Complete a Simple Online Application

**Step 03**

Order Golden Harvest Seed for 2022 Planting

---

### Corn Crop Planning

<table>
<thead>
<tr>
<th>Field Name:</th>
<th>Hybrid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population:</td>
<td>Management Considerations:</td>
</tr>
</tbody>
</table>

---

### Soybean Crop Planning

<table>
<thead>
<tr>
<th>Field Name:</th>
<th>Variety:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population:</td>
<td>Management Considerations:</td>
</tr>
</tbody>
</table>
Important: Always read and follow label instructions. Some 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. Always read and follow label instructions. Some 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. AAtrex 4L, AAtrex Nine-O, Acuron, Agri-Flex, Agri-Mek 0.15EC, Agri-Mek SC, Atrix Complete Corn 250, Atrix Complete Corn 500, Atrix Duo Corn, Atrix Duo 200 Corn, Atrix Duo CPT20, Atrix Duo Cotton, Bicep II Magnum, Bicrup Plus II Magnum, Cellitas Xtra, Cyclone SL 2,0, Denitr, Endigo 40C, Endigo ZEC, Os-Mek 0.15EC, Expert, Force, Force 3G, Force CS, Force 5,5G, Force Duo, Gramosil SL, Gramoxone SL 2,5, Gramoxone SL 2,5, Harlee with Zeon Technology, Lamcap, Lamcap II, Lender, Lenex, Laser EZ, Luxena, Luxema EZ, Medal II ATZ, Minecto Pro, Proclaim, Tavium Plus VaporGrip Technology, Vapam Prep and Monitor II with Zeon Technology are Restricted Use Pesticides. Atrix technology is protected by U.S. Patent No. 6,875,727. Atrix Complete Corn 250 with Vibe is an on-seed application of Atrix Complete Corn 250 and Vibe for use by certified applicators only. Growers planting Atrix treated seed are not required to be certified applicators. Atrix technology is protected by U.S. Patent No. 6,875,727. Atrix Complete Corn 250 with Vibe is an on-seed application of Atrix Complete Corn 250 and Vibe for use by certified applicators only. Growers planting Atrix treated seed are not required to be certified applicators. Atrix Complete Corn 250 is a Restricted Use Pesticide. Some seed treatment offers are separately registered products applied to the seed as a combined unit. Always read individual product labels and treat instructions before combining and applying component products. Orondis Gold may be sold as a formulated premix or as a combination of separately registered products. Orondis Gold 200 and Orondis Gold 35. Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glyphosate may be sprayed with glyphosate ammonium-based herbicides. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF. GZ® is a trademark of M.S. Technologies and BASF. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences, LLC. HERCULEX Insect Protection technology by Dow AgroSciences. Under federal and local laws, only dicamba-containing herbicides registered for use on dicamba-tolerant varieties may be applied. See product labels for details next to the name. Golden Harvest® and NK® Soybean varieties are protected under granted or pending U.S. variety patents and other intellectual property rights, regardless of the traits within the seed. The Enlist E3® traits, LibertyLink®, Roundup Ready 2 Yield®, Roundup Ready 2 Yield® and YieldGard® traits may be protected under numerous United States patents. It is unlawful to save soybeans containing these traits for planting or transfer to others for use as a planting seed. Only dicamba formulations that employ VaporGrip® Technology are approved for use with Roundup Ready 2 Yield® and YieldGard® soybeans. Only 2,4-D choline formulations with Colex-D® Technology are approved for use with Enlist E3® soybeans. Vapergrow® is a trademark of, and used under license from, Monsanto Technology LLC. Roundup Ready 2 Yield®, Roundup Ready 2 Yield®, YieldGard® and YieldGard® VT Pro® are registered trademarks used under license from the Bayer Group. ENLIST E3® soybean technology is jointly developed with Dow AgroSciences LLC and M.S. Technologies LLC. The ENLIST, YieldLink and ENLIST Weed Control System are trademarks owned and developed by Dow AgroSciences LLC. ENLIST® and ENLIST E3® are trademarks of Dow AgroSciences LLC. The trademarks or service marks displayed or otherwise used herein are the property of a Syngenta Group Company. All other trademarks are the property of their respective owners. More information about Agrisure Duracade® is available at http://www.biotradestatus.com/.