Thank you for reviewing our 2018–2019 Seed Profile Guide. We are extremely excited about our product portfolio and corresponding agronomic data prepared for you on the following pages. Our focus for over 80 years has been to help corn growers maximize every acre. Now, with AgriGold®, Sky河北省 many growers are experiencing maximum results on their entire farm with AgriGold. And, we are even elevating our products further with Advantage Acre®, the digital agriculture platform which combines our team’s very best knowledge on seed, soil and weather. Although we can’t control commodity prices, we can help you increase your yield potential by focusing on the following three critical areas:

**BETTER PRODUCTS**—Genetics are the foundation of our growth due to our extensive global research breeding program, producing some of the highest-yielding products in the industry. Whether it is our elite corn hybrid series: Platinum, Regional, Limited, or Specialty; or our 32 varieties of soybeans that feature a diversity of maturity with a more select trait and treatment — you can expect the same high-yielding results for which we’re known.

**BETTER PLACEMENT**—As you explore our guide, you will find that we share more agronomic data than most in the industry. It’s never been easier for you to select the right hybrid for your field when pairing our agronomic data with the Advantage Acre® platform. As you learn more about Advantage Acre®, consider talking with your AgriGold Representative or Agronomist about how we can help get the most from your fields.

**BETTER PERFORMANCE**—The right products and placement means better performance. We won’t try to tell you our products are the best. But, with the best combination of AgriGold products in your hands, combined with Advantage Acre technology that offers greater insights into your field, yield potential has never been greater! You should be confident. Be Bold! Go Gold!

We look forward to working with you in 2019.

John Kernicle, General Manager

Follow John on Twitter @jogold prosperity
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There are bigger seed brands out there, but since when has bigger meant better? Independence breeds innovation, especially in farming. Independence and innovation are the two consistent characteristics in every AgriGold seed. Our elite corn hybrids and select soybean varieties aren’t for growers following everybody else. They’re for those going — and growing — their own way. They’re for you.

THANK YOU FOR MAKING THE BOLD DECISION TO GO GOLD!
ELITE CORN HYBRIDS

TWO GREAT PRODUCTS
ONE TRUE PARTNER

For over 80 years AgriGold® has produced elite seed corn, backed by proven results and trusted advice. We are proud to have expanded that commitment to include select soybean varieties to our genetic portfolio, while continuing to provide the agronomic knowledge our customers expect.

AgriGold means more than just high-yielding seed. It means you always have a trusted partner in your field.

The Advantage Acre® platform brings together three fundamental components of farming today: seed, soil and weather. We combined our knowledge of our genetics, the comprehensive understanding of soil and WeatherTrends360’s® advanced forecasting to assign a productivity index to each unique environment. With this enhanced, dynamic knowledge, our recommendations may change from year to year adapting to the unique environment it presents.

Learn more at advantageacre.com.
ADVANTAGE ACRE®

THE AGRIGOLD WAY

There’s something happening in your fields … it’s nothing you can see, smell or taste, but it could have a big impact on your farm. It’s multiplying by the trillions daily. It’s in your soil, your crops and it’s even in your machinery. It travels in every rain droplet and every August GDU. That something is data … and in that data lies the knowledge to improve your management practices, reduce risk and increase yield on every acre you farm.

This is why AgriGold is investing in digital ag technologies and leading the digital transformation of the seed industry. While this is a very exciting time in agriculture, we also know it can mean uncertainty and apprehension for many as they look to integrate new digital tools into their farming practices.

To support you in this task, we are introducing a comprehensive plan that will allow you a simplified path to greater optimization and visibility over your farm, fields and operation.

We’re introducing a new section to our profile guide this year. Here we’ll discuss ways you can integrate tools like Advantage Acre into your current farming practices.

**PRE-PLANT**
- Optimize your seed plan
- Gain insight on hybrid placement
- Improve on-farm communication
  *pages: 10-11*

**IN-SEASON**
- Improve field visibility
- Insight to plant health
- Mitigate risk
  *pages: 56-57*

**HARVEST**
- Analyze results
- Gain insight into performance
- Utilize data + analytics
  *pages: 68-69*
Genetic research and hybrid development are at the core of AgriGold’s success. As a division of AgReliant Genetics, AgriGold has access to unique genetics and a global research and testing network; AgReliant Genetics’ corn breeders develop and pair our very best inbreds to handle nearly any condition you might face.

With every bag of AgriGold seed, you plant the knowledge and experience of a top corn research program working towards your success.

GLOBAL RESEARCH LOCATIONS

Locations shown represent the research network of AgReliant Genetics and its parent companies KWS and Groupe Limagrain.
Powered by AgReliant Genetics, our pre-commercial research system includes 480 trials spanning more than 200 unique locations across the U.S. This gives AgriGold Representatives the knowledge to provide a complete understanding of our products’ genetic and trait performance in addition to how each hybrid performs locally to address your particular challenges and meet your exact needs.

Since launching this enhanced method of commercial corn research in 2017, AgReliant Genetics tested double the amount of new hybrids than with our previous pre-commercial testing approach in addition to realizing a huge increase in the number of planned trials planted and usable trial data collected. This system reduces variables, increases accuracy and gives us an even more authentic pulse on short and long-term market needs to continue developing industry-leading hybrids.

See for yourself. Ask your AgriGold Representative to show you the latest and greatest in our genetics at a commercial testing site near you.
Field GX combines world-class genetics with your field. We classify every one of our hybrids into genetic families based on its genetic background and agronomic characteristics. Knowing a hybrid’s genetic family helps simplify management, reduce risk and maximize results in your field. 

To learn more visit agrigold.com/field-gx

<table>
<thead>
<tr>
<th>RANK</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<tbody>
<tr>
<td>1</td>
<td>GX F</td>
<td>GX F</td>
<td>GX F</td>
<td>GX H</td>
<td>GX F</td>
</tr>
<tr>
<td>2</td>
<td>GX A</td>
<td>GX B</td>
<td>GX H</td>
<td>GX F</td>
<td>GX A</td>
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<td>3</td>
<td>GX B</td>
<td>GX G</td>
<td>GX B</td>
<td>GX G</td>
<td>GX H</td>
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<tr>
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<td>GX A</td>
<td>GX G</td>
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<td>GX G</td>
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<tr>
<td>5</td>
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<td>GX A</td>
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</table>

<table>
<thead>
<tr>
<th>National Yield*</th>
<th>158.1 BPA</th>
<th>171.0 BPA</th>
<th>168.4 BPA</th>
<th>174.6 BPA</th>
<th>176.6 BPA</th>
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<tbody>
<tr>
<td>Growing Environment</td>
<td>Cool &amp; Extremely Wet</td>
<td>Cool &amp; Wet</td>
<td>Cool &amp; Wet</td>
<td>Hot &amp; Wet</td>
<td>Cool &amp; Wet</td>
</tr>
<tr>
<td>Grain Fill Period</td>
<td>Long</td>
<td>Long</td>
<td>Long</td>
<td>Medium</td>
<td>Long</td>
</tr>
</tbody>
</table>

Every season presents unique growing conditions and environments. Utilizing genetic diversity with our Field GX families can minimize risk and bring greater yields. Our research teams have developed one of the most diverse hybrid lineups in the industry.

*National Yield as published by the USDA.
## FIELD GX A

**Attributes**

- Excellent plant health
- Prefers early applications of nitrogen
- Has high requirements for potassium
- Handles well or poorly drained soils
- Best in a cooler year

<table>
<thead>
<tr>
<th>Field</th>
<th>Emergence &amp; Vigor</th>
<th>Plant Health</th>
<th>Nitrogen Application</th>
<th>Yield Capabilities</th>
<th>Stalk &amp; Roots</th>
<th>Kernel Type</th>
<th>Test Weight</th>
<th>Ear Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>4</td>
<td>Early</td>
<td>4</td>
<td>3</td>
<td>Narrow</td>
<td>3</td>
<td>Flex</td>
</tr>
</tbody>
</table>

## FIELD GX B

**Attributes**

- Strong emergence & vigor
- Prefers split applications of nitrogen
- Extremely high-yielding capabilities in well-drained soils
- Strong plant health & average late-season stalk strength
- Flexible ear types

<table>
<thead>
<tr>
<th>Field</th>
<th>Emergence &amp; Vigor</th>
<th>Plant Health</th>
<th>Nitrogen Application</th>
<th>Yield Capabilities</th>
<th>Stalk &amp; Roots</th>
<th>Kernel Type</th>
<th>Test Weight</th>
<th>Ear Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>3</td>
<td>3</td>
<td>Flex</td>
<td>4</td>
<td>3</td>
<td>Broad</td>
<td>1</td>
<td>Flex</td>
</tr>
</tbody>
</table>

## FIELD GX F

**Attributes**

- Prefers split applications of nitrogen
- Excellent test weight & grain quality
- Adapts to wide range of soil types
- Generally fixed to semiflexible ear types
- Higher populations required for maximum yields

<table>
<thead>
<tr>
<th>Field</th>
<th>Emergence &amp; Vigor</th>
<th>Plant Health</th>
<th>Nitrogen Application</th>
<th>Yield Capabilities</th>
<th>Stalk &amp; Roots</th>
<th>Kernel Type</th>
<th>Test Weight</th>
<th>Ear Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>3</td>
<td>2</td>
<td>Flex</td>
<td>4</td>
<td>2</td>
<td>Medium</td>
<td>4</td>
<td>Semi flex</td>
</tr>
</tbody>
</table>

## FIELD GX G

**Attributes**

- Responds to late applications of nitrogen
- Excellent plant health & drought tolerance
- Excellent test weight & grain quality
- Flexible ear types
- Adapts to variable soil types

<table>
<thead>
<tr>
<th>Field</th>
<th>Emergence &amp; Vigor</th>
<th>Plant Health</th>
<th>Nitrogen Application</th>
<th>Yield Capabilities</th>
<th>Stalk &amp; Roots</th>
<th>Kernel Type</th>
<th>Test Weight</th>
<th>Ear Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>3</td>
<td>4</td>
<td>Late</td>
<td>4</td>
<td>2</td>
<td>Medium</td>
<td>4</td>
<td>Flex</td>
</tr>
</tbody>
</table>

## FIELD GX H

**Attributes**

- Top-end yield consistency
- Performs well at high plant populations
- Handles multiple soil types
- Very good grain quality & test weight
- Excellent southern movement

<table>
<thead>
<tr>
<th>Field</th>
<th>Emergence &amp; Vigor</th>
<th>Plant Health</th>
<th>Nitrogen Application</th>
<th>Yield Capabilities</th>
<th>Stalk &amp; Roots</th>
<th>Kernel Type</th>
<th>Test Weight</th>
<th>Ear Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>2</td>
<td>3</td>
<td>Late</td>
<td>4</td>
<td>3</td>
<td>Medium</td>
<td>3</td>
<td>Semi flex</td>
</tr>
</tbody>
</table>

---

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
ADVANTAGE ACRE
PLANNING

We’ve combined our knowledge of our genetics, the comprehensive understanding of soil and WeatherTrends360® advanced forecast to assign a productivity index to each unique environment.

With this enhanced, dynamic knowledge our recommendations may change from year to year. Rely on our AgriGold Representatives to help you place the right genetics on the right acre. Starting with a sound seed and agronomic plan will help guide decisions throughout the season.

WHAT WILL THE WEATHER BE LIKE THIS YEAR?

REVIEW 11-MONTH WEATHER FORECASTING
Get a clearer picture of future conditions with WeatherTrends360® to make more proactive decisions on your farm without using previous years’ data.

WHAT’S MY HYBRID PLACEMENT + POPULATION PLAN?

TUNE FIELD-BY-FIELD PLANNING
Understanding how to maximize your seed’s potential begins with genetic knowledge. Utilize our field-by-field planning approach to reduce risk and maximize yield.

HOW DO I DETERMINE FERTILIZER + TILLAGE PRACTICES?

STUDY FUNCTIONAL SOIL MAPS
While standard USDA soil maps generally classify and name soil types as broad units based on appearance, functional soil mapping focuses on soil behavior and topography with a three-dimensional approach.

HOW DO I REDUCE RISK?

STRATEGIC PRODUCT PLACEMENT
AgriGold classifies every one of its hybrids into genetic families based on its genetic background and agronomic characteristics. Knowing a hybrid’s genetic family helps simplify management, reduce risk and maximize results in your field.
Ensuring proper seed placement is critical to obtaining higher yields. Optimize your planting practices by using our seeding recommendations for static and variable rate planting.

Utilize our test blocks to validate appropriate planting populations on every acre. To have a premier in-cab experience, pair our recommendations with Climate FieldView® to experience real-time results.

**STRATEGIC HYBRID PLACEMENT**

**OPTIMIZED MANAGEMENT PLAN**

**MAXIMIZED PERFORMANCE POTENTIAL**

**VERIFY EARLY SEASON WEATHER**

Utilize the timeline feature in Advantage Acre to help determine when an optimal planting date might be.

**WHAT IS THE BEST PLANTING DATE?**

**EXPORT VR RECOMMENDATIONS**

Easily export your seeding plan to your monitor or link it to your cab using MyJohnDeere or Climate FieldView®.

**WHAT IS MY OPTIMAL SEEDING RATE?**

**TEST BLOCKS**

Easily set up test blocks to determine the best population on each field by creating seeding recommendations in Advantage Acre.

**HOW DO I VALIDATE MY SEEDING RATE?**

**ENHANCE IN-CAB VISIBILITY**

Pair Advantage Acre’s recommendations and timeline feature to help make informed decisions with Climate FieldView®’s in-cab features to make on-the-go decisions.

**HOW DO I INCREASE MY EFFICIENCY?**
Your Farm Knowledge Resource

Being the most knowledgeable seed brand in the industry is something we strive for, and while there is no substitute for our AgriGold Representatives and Agronomists, we do have to let them sleep once in awhile. For this reason, we’ve packed our website full of detailed product information, agronomy articles, harvest data and more. If your question just can’t wait until morning, we’ve got you covered.

AgriGold is simplifying the seed selection process, giving you the knowledge to make informed decisions for your farm.

Connect with us on Social Media

Facebook /agrigoldseed
Twitter @agrigold
LinkedIn company/agrigold/
Instagram /agrigold
YouTube /agrigoldhybrids
Follow your local agronomist on Twitter for up-to-date information from the field!

@agrigold
@advantageacre

**TWITTER HANDLE**
@agold_john
@agold_shane
@agold_keith
@agold_kevin
@agold_joey
@agold_steven
@agold_mitch
@agold_josh
@agold_terry
@agold_brandon
@agold_todd
@agold_justin
@agold_andy
@agold_kris
@agold_mike
@agold_dustin
@agold_chuck
@agold_gm
@AdvantageAcre

**AGRONOMIST**
John Brien
Shane Brockhoff
Keith Evans
Kevin Gale
Joey Heneghan
Steven Heightchew
Mitch Holmberg
Josh Johnston
Terry Mente
Brandon Nystrom
Todd Steinacher
Justin Warren
Andy Westhoven
Kris Young
Mike Kavanaugh
Dustin Bowling
Chuck Hill
John Kermicle

**LOCATION**
Ohio, Michigan, Pennsylvania
Western Iowa
Nebraska
Northern Illinois
NE Illinois, Southern WI, SE Minnesota
Southern Indiana
Deep South
Mid South
Eastern Iowa
Southern Iowa, Missouri
West Central Illinois
South Central Illinois
Northern Indiana, SW Michigan
Kansas, NW Missouri
Agronomy Manager
Western Agronomy Manager
Specialty Products Manager
General Manager
Advantage Acre Account
These days, everyone promises high yields, advanced genetics and proven traits. However, it’s all pointless if you can’t match the proper hybrid to your field. AgriGold is simplifying the seed selection process, giving you the knowledge to make informed decisions for your farm. To view our entire line-up, visit agrigold.com/products.

Each hybrid will now have a bar to signify which series they are associated with. There is also a space for you to take notes.

Platinum Series
AgriGold’s high-yielding Giants have been elevated to Platinum with even greater genetic diversity and maximum performance potential. Protected with the most comprehensive trait packages available, AgriGold’s Platinum Series will redefine your definition of performance.
REGIONAL SERIES
For growers who want more control over their yields or who face unique climate, soil and trait challenges, we’ve created the Regional Series. Handpicked by your local agronomy team, these hybrids are selected to deliver consistent performance in unique environments.

LIMITED SERIES
For anyone looking for that extra advantage in their field, we’ve created the Limited Series. The newest hybrids heralded by our research team and made available by AgriGold in limited quantities.

SPECIALTY SERIES
Hybrids in the specialty series are meant to deliver for growers with specific processing needs. The AgriGold Specialty Products Team works to determine which hybrids are best for your operation.
HYBRID PROFILE

USER GUIDELINES

BRAND

A6572

114 days

COMMERCIAL BRAND IDENTIFICATION NUMBER

New Numbering: A6 maintains the brand’s history. Adding 70 to the next two digits will give growers the hybrid maturity.

A641-78

Corn - 70 - Maturity Specific Hybrid

Traditional Numbering: The first letter identifies the hybrid is corn. The second number indicates the relative maturity and last two digits define the range within each maturity group.

A6257

Corn - RM - Specific Hybrid

INPUT

STXRIB  VT2RIB  VT2PRO  CONV

OUTPUT

HEC  Conventional

PLANTING POPULATION PER YIELD ENVIRONMENT

Low Type  Low  Medium  High

30'  28-30,000  30-32,000  33-35,000

Narrow  28-30,000  30-33,000  33-36,000

NITROGEN UTILIZATION - LATE

100% Preplant  Preplant & Sidedress  Starter & Sidedress

PLANTING APPLICATIONS

100% Preplant  Preplant & Sidedress  Starter & Sidedress

DISEASE TOLERANCE

ANTHRACNOSE  SCAB  NEMATODE  Gray Leaf Spot  Bacterial Wilt  RUS

FORMAT

INPUT  OUTPUT

STXRIB  VT2RIB  VT2PRO  CONV  Conventional

GENETIC FAMILY

4X4

PRODUCT FEATURES

GDUs to Mid Pollen  1465

 GDUs to Black Layer  2835

Plant Height  Medium

Leaf Orientation  Semi Upright

Ear Height  Medium

Ear Flex  Semi Flexible

Kernel Texture  Hard

Harvest Timing  Moderate

Foliar Fungicide Response  Moderate

GENETIC FAMILY

4X4

PRODUCT FEATURES

SOIL ADAPTABILITY

CLAY  LOAM

SAND

AGRONOMIC RATING

Pollen Production  103 - 106 Days

Pod Fill  118 - 120 Days

Stalk Strength  108 - Tilt

ROOT STRENGTH  DRUG DOWN

EMERGENCE  EMEG

TEST WEIGHT  EST

PLANTING APPLICATIONS

Preplant & Sidedress  Starter & sidedress

DISEASE TOLERANCE

ANTHRACNOSE  SCAB  NEMATODE

GRAY LEAF SPOT  BACTERIAL WILT  RUS

NITROGEN UTILIZATION - LATE

100% Preplant  Preplant & Sidedress  Starter & Sidedress

STRENGTHS

Exceptional yields throughout Central and Southern Corn Belt

Very good health, stay green and late season plant intactness

Tremendous test weight and grain quality

WEAKNESSES

Average drydown due to late season plant health and kernel density

MANAGEMENT TIPS

Semi-determinate ear style requires higher plant populations

Split nitrogen applications for maximum yield potential

Utilize on a wide range of soils

CORN AFTER CORN TIPS

Responds favorably to foliar fungicide application in high disease environment

HYBRID USAGE GUIDE

16
## AGRONOMIC CHARTS
Through our extensive research program AgriGold has been able to identify those environments which optimize each hybrid’s performance. A hybrid is evaluated and given a rating of 1–10 for each environment with 1 representing poor performance and 10 representing the highest performance.

Ratings and characteristics are assigned by AgriGold based on comparisons with other AgriGold products (not competitive products) through in-house field testing. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.

## INPUT AND OUTPUT TRAIT & TECHNOLOGY
AgriGold provides many commercial hybrids in enhanced versions. If a hybrid is available in an enhanced version, the appropriate trait will be noted in this area. In many instances, the hybrid may be available in several enhanced versions or as a stacked version. All AgriGold products are treated with a fungicide/insecticide package containing Poncho® 250. Certain hybrids are available with Poncho®/VOTiVO® and Poncho® 500 or Poncho® 1250.

### INPUT TRAITS
- STXRIB
- STX
- VT3PRIB
- VT3PRO
- Vitrea 3111
- VT2RIBD1
- Vitrea 3220A E-Z
- TRC RIB
- TRC
- VT2RIB
- VT2PRO
- Vitrea 3220E-Z
- RR

### OUTPUT TRAITS
- WXVT3PRO
- WXVT2PRO
- WX
- Conv
- Select Silage
- HEC
- SmartStax® RIB Complete® Corn Blend
- SmartStax® Corn
- Genuity® VT Triple PRO® RIB Complete® Corn Blend
- Genuity® VT Triple PRO® Corn
- Agrisure Viptera® 3111
- DroughtGard® VT Double Pro® RIB Complete® Corn Blend
- Agrisure Viptera® 3220A E-Z Refuge®
- Tecepta® RIB Complete® Corn Blend
- Tecepta®
- VT Double Pro® RIB Complete® Corn Blend
- VT Double Pro®
- Agrisure Viptera® 3220 E-Z Refuge®
- Roundup Ready® Corn 2
- Waxy Genuity® VT Triple PRO® Corn
- Waxy VT Double Pro®
- Waxy
- Conventional
- Silage Product
- Hard Endosperm Corn

## AREA OF ADAPTABILITY MAPS
These maps indicate the geographical areas best suited for each AgriGold hybrid. Dark green represents where the indicated hybrid will likely maximize its genetic potential. Light green indicates where the hybrid may be planted but may not reach its total genetic potential. The unshaded areas indicate where the hybrid is not best suited and other hybrids are a better choice.

## PLANTING POPULATION RECOMMENDATION
Each AgriGold hybrid is evaluated in various row spacings to determine the best planting population for optimum yield and agronomic performance. Three planting population ranges are provided for consideration by growers, with the optimum range being determined by the grower’s yield environment and row type.

## NITROGEN UTILIZATION TABLE
AgriGold evaluates our hybrids for their response to certain types of nitrogen application programs. Each hybrid receives a 1–4 rating for each of the nitrogen programs: 1 = poorest application to maximize hybrids yield potential. 4 = best application to maximize a hybrids yield potential. Also included is an overall description which categorizes each hybrid as an early, flexible, or late user of nitrogen.

## SERIES + NOTES SECTION
The series can now be identified by the logo in the upper right hand corner. This area also provides space for the grower or AgriGold Representative to write notes about specific hybrids.

## STRENGTHS
AgriGold provides management tips including recommendations for corn after corn to optimize the genetic potential of each hybrid. Incorporating these tips into your production program will maximize the genetic potential of each hybrid.

### CATEGORIES
- GLS: Gray Leaf Spot
- SCLB: Southern Corn Leaf Blight
- NCLB: Northern Corn Leaf Blight
- N: Nitrogen

FOR EVEN MORE INFORMATION ON THE AGRIGOLD PROFILES INCLUDING IMAGES AND DOWNLOADABLE PDFS, VISIT AGRIGOLD.COM.
**Brand:** A618-90  
**88 days** NEW

**Genetic Family:** GXF

**Product Features**
- GDUs to Mid-Pollen: 1227
- GDUs to Black Layer: 2315
- Plant Height: Medium Tall
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Area of Adaptability**

**Agronomic Rating**
- Test Weight: 07
- Emergence: 07
- Drought Tolerance: 08
- Drift Down: 09
- Root Strength: 09
- Stalk Strength: 09

**Soil Adaptability**
- Clay: 08
- Clay Loam: 09
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**Planting Applications**
- SEAGE: 08
- IRRIGATION: 08
- NARROW ROWS: 07
- CORN ON CORN: 08
- NO TILL: 08
- POORLY DRAINED: 08

**Nitrogen Utilization - Late**
- 100% Preplant: 03
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Disease Tolerance**
- Anthracnose: 08
- Sclerotinia: 07
- NCLB: 07
- RGR: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 07
- Rust: 07

**Planting Population Per Yield Environment**
- Row Type: Low . . . Medium . . . High
- 30": 28-30,000 . . . 30-32,000 . . . 32-35,000
- Narrow: 30-32,000 . . . 33-34,000 . . . 33-36,000

**Notes:** Limited

**Strengths**
- Excellent performance with good fertility levels
- Very good drydown allows for timely harvest
- Strong stalks and roots with very good late season plant intactness

**Weaknesses**
- Requires higher plant populations to optimize performance

**Management Tips**
- Plant at moderate to high populations to maximize yield potential
- Keep in primary area of adaptation for best performance
- Responds well to late applications of nitrogen

**Corn After Corn Tips**
- Responds favorably to foliar applied fungicide in high disease environment

---

**Brand:** A621-77  
**91 days** NEW

**Genetic Family:** GFX

**Product Features**
- GDUs to Mid-Pollen: 1329
- GDUs to Black Layer: 2221
- Plant Height: Medium Tall
- Ear Height: Medium
- Ear Flex: Semi-Upright
- Kernel Texture: Medium
- Harvest Timing: Early
- Foliar Fungicide Response: High

**Area of Adaptability**

**Agronomic Rating**
- Test Weight: 07
- Emergence: 07
- Drought Tolerance: 09
- Drift Down: 08
- Root Strength: 08
- Stalk Strength: 08

**Soil Adaptability**
- Clay: 09
- Clay Loam: 09
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**Planting Applications**
- SEAGE: 08
- IRRIGATION: 08
- NARROW ROWS: 07
- CORN ON CORN: 08
- NO TILL: 08
- POORLY DRAINED: 08

**Nitrogen Utilization - Late**
- 100% Preplant: 03
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Disease Tolerance**
- Anthracnose: 08
- Sclerotinia: 07
- NCLB: 07
- RGR: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 07
- Rust: 07

**Planting Population Per Yield Environment**
- Row Type: Low . . . Medium . . . High
- 30": 28-30,000 . . . 30-32,000 . . . 32-35,000
- Narrow: 30-32,000 . . . 33-34,000 . . . 33-36,000

**Notes:** Limited

**Strengths**
- Excellent yields across different soil types
- Good ear Flex and drydown with open husks
- Consistent performance in all cropping systems and environments

**Weaknesses**
- Average late season plant health and intactness

**Management Tips**
- Spray fungicide and side-dress N to maintain stalk integrity
- Utilize in any cropping or tillage systems
- Plant at medium to higher populations for optimum performance

**Corn After Corn Tips**
- Responds favorably to foliar applied fungicide in high disease environments
**BRAND**

**A6179**

93 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1240
- GDUs to Black Layer: 2352
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

- Clay: 07
- Clay Loam: 08
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 08

**PLANTING APPLICATIONS**

- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn: 09
- No-Till: 09
- Poorly Drained: 09

**DISEASE TOLERANCE**

- Anthracnose: 08
- SCLEROTINIA: 08
- NBR: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 08

**NOTES:**

**REGIONAL**

**INPUT**

- STXRIB
- VT2RIB

**OUTPUT**

- Select Silage Product

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low Medium High
- Row: 30”
  - 28-30,000
  - 30-32,000
  - 32-35,000
- Narrow
  - 30-32,000
  - 32-34,000
  - 33-36,000

**NITROGEN UTILIZATION - FLEXIBLE**

- 100% Preplant
- Preplant & Sidedress
- Starter & Sidedress

**STRENGTHS**

- Exceptional yield and profit potential
- Very good drydown allows for early harvest
- Consistent performance in all cropping systems and environments

**WEAKNESSES**

- Average Goss’s Wilt Tolerance

**MANAGEMENT TIPS**

- Avoid fields with heavy Goss’s Wilt pressure
- Plant at medium to high populations
- Optimize performance in high yielding management systems

**CORN AFTER CORN TIPS**

- Responds favorably to foliar fungicide application in high disease environment

---

**BRAND**

**A624-11**

94 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1239
- GDUs to Black Layer: 2365
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

- Clay: 08
- Clay Loam: 09
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 09

**PLANTING APPLICATIONS**

- Silage: 09
- Irrigation: 09
- Narrow Rows: 08
- Corn: 08
- No-Till: 07
- Poorly Drained: 07

**DISEASE TOLERANCE**

- Anthracnose: 07
- SCLEROTINIA: 07
- NBR: 09
- Gray Leaf Spot: 09
- Goss’s Wilt: 09
- Rust: 09

**NOTES:**

**REGIONAL**

**INPUT**

- CONV
- AS3220AEZ

**OUTPUT**

- HEC Conventional

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low Medium High
- Row: 30”
  - 28-30,000
  - 30-32,000
  - 32-35,000
- Narrow
  - 30-32,000
  - 32-34,000
  - 33-36,000

**NITROGEN UTILIZATION - FLEXIBLE**

- 100% Preplant
- Preplant & Sidedress
- Starter & Sidedress

**STRENGTHS**

- Outstanding yield potential in area of adaptation
- Very good drought and stress tolerance
- Above average grain quality and high test weight

**WEAKNESSES**

- Requires higher plant populations to optimize performance

**MANAGEMENT TIPS**

- Keep in primary area of adaptation for best performance
- Utilize on a wide range of soil types
- Utilize as a dual purpose hybrid

**CORN AFTER CORN TIPS**

- Responds favorably to foliar fungicide application in high disease environment
### A6199

- **Brand:** A6199
- **95 days**
- **Input:** STXRIB VT2RIB CONV
- **Output:** Conventional

#### Genetic Family
- **Product Features**
  - GDUs to Mid-Pollen: 1243
  - GDUs to Black Layer: 2384
  - Plant Height: Medium Tall
  - Leaf Orientation: Semi-Upright
  - Ear Height: Medium
  - Ear Flex: Semi-Flexible
  - Kernel Texture: Medium Hard
  - Harvest Timing: Normal
  - Foliar Fungicide Response: Moderate

#### Area of Adaptability

#### Agronomic Rating
- **Test Weight:** 07
- **Emergence:** 09
- **Drought Tolerance:** 08
- **Dry Down:** 08
- **Root Strength:** 08
- **Stalk Strength:** 09

#### Soil Adaptability
- **Clay Loam:** 08
- **Silt Clay Loam:** 10
- **Silt Loam:** 10
- **Sandy Loam:** 08
- **Sand:** 07

#### Planting Applications
- **Seage:** 08
- **Irrigation:** 09
- **Narrow Rows:** 09
- **Corn on Corn:** 08
- **No Till:** 09
- **Poorly Drained:** 08

#### Disease Tolerance
- **Anthracnose:** 07
- **Sclerotinia:** 07
- **Gray Leaf Spot:** 08
- **Goss's Wilt:** 06
- **Rust:** 07

#### Nitrogen Utilization
- **Early:** 03
- **Late:** 04

#### Strengths
- Excellent yield potential with a strong agronomic package
- Outstanding late season plant intactness
- Fast emergence and vigor allows planting in cool soil conditions

#### Weaknesses
- Average Goss’s Wilt Tolerance

#### Management Tips
- Plant at medium to higher populations for optimum performance
- Utilize across all production systems
- Utilize as a dual purpose hybrid

#### Corn After Corn Tips
- Great emergence tolerates heavy corn after corn residue

---

### A625-78

- **Brand:** A625-78
- **95 days**
- **Input:** VT2RIB
- **Output**

#### Genetic Family
- **Product Features**
  - GDUs to Mid-Pollen: 1254
  - GDUs to Black Layer: 2395
  - Plant Height: Medium Tall
  - Leaf Orientation: Semi-Upright
  - Ear Height: Medium High
  - Ear Flex: Semi-Flexible
  - Kernel Texture: Medium
  - Harvest Timing: Normal
  - Foliar Fungicide Response: High

#### Area of Adaptability

#### Agronomic Rating
- **Test Weight:** 08
- **Emergence:** 08
- **Drought Tolerance:** 07
- **Dry Down:** 09
- **Root Strength:** 08
- **Stalk Strength:** 08

#### Soil Adaptability
- **Clay Loam:** 08
- **Silt Clay Loam:** 10
- **Silt Loam:** 10
- **Sandy Loam:** 08
- **Sand:** 07

#### Planting Applications
- **Seage:** NA
- **Irrigation:** 09
- **Narrow Rows:** 08
- **Corn on Corn:** 06
- **No Till:** 08
- **Poorly Drained:** 08

#### Disease Tolerance
- **Anthracnose:** 07
- **Sclerotinia:** 07
- **Gray Leaf Spot:** 06
- **Goss's Wilt:** 06
- **Rust:** 07

#### Nitrogen Utilization
- **Early:** 03
- **Flexible:** 04

#### Strengths
- Excellent yield potential in primary area of adaptation
- Strong stalks and roots with very good late season plant intactness
- Very good test weight and grain quality

#### Weaknesses
- Average Goss’s Wilt Tolerance

#### Management Tips
- Utilize fungicides in high disease environments
- Plant at medium to higher populations for optimum performance
- Utilize as a dual purpose hybrid

#### Corn After Corn Tips
- Not adapted for continuous corn
**A6217**
97 days

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDU to Mid-Pollen: 1252
- GDU to Black Layer: 2616
- Plant Height: Medium
- Leaf Orientation: Semi-Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Early
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**
- Test Weight: 08
- Emergence: 07
- Drought Tolerance: 08
- Dry Down: 09
- Root Strength: 09
- Stalk Strength: 07

**PLANTING APPLICATIONS**
- Planting Date: 08
- Irrigation: 08
- Narrow Rows: 09
- Corn on Corn: 09
- No-Till: 09
- Poorly Drained: 08

**DISEASE TOLERANCE**
- Anthracnose: 07
- Sclerotinia: 07
- Bacterial: 07
- White: 07
- Gray Leaf Spot: 07
- Goss’s Wilt: 07
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low
- Medium
- High
- 30”
  - 28-30,000
  - 30-32,000
  - 32-35,000
- Narrow
  - 36-38,000
  - 32-34,000
  - 34-36,000

**NITROGEN UTILIZATION**
- LATE
  - 03
  - 04

**NOTES:**

**REGIONAL**

**STRENGTHS**
- Excellent yield potential in primary area of adaptation
- Very good drydown allows for early harvest
- Excellent grain quality with high test weight

**WEAKNESSES**
- Average late season plant health and intactness

**MANAGEMENT TIPS**
- Utilize fungicide in high disease environments
- Responds favorably to side-dress nitrogen
- Plan for timely harvest

**CORN AFTER CORN TIPS**
- Responds favorably to foliar fungicide application in high disease environment

---

**A6237**
98 days

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDU to Mid-Pollen: 1350
- GDU to Black Layer: 2420
- Plant Height: Medium Short
- Leaf Orientation: Semi-Upright
- Ear Height: Medium Low
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**
- Test Weight: 07
- Emergence: 09
- Drought Tolerance: 08
- Dry Down: 09
- Root Strength: 09
- Stalk Strength: 08

**PLANTING APPLICATIONS**
- Planting Date: 08
- Irrigation: 08
- Narrow Rows: 10
- Corn on Corn: 10
- No-Till: 09
- Poorly Drained: 08

**DISEASE TOLERANCE**
- Anthracnose: 07
- Sclerotinia: 07
- Bacterial: 07
- White: 07
- Gray Leaf Spot: 07
- Goss’s Wilt: 07
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low
- Medium
- High
- 30”
  - 30-32,000
  - 32-34,000
  - 34-36,000
- Narrow
  - 32-34,000
  - 34-36,000
  - 36-38,000

**NITROGEN UTILIZATION**
- FLEXIBLE
  - 03
  - 04

**NOTES:**

**REGIONAL**

**STRENGTHS**
- Excellent performance across all environments
- Outstanding stalks, roots, and late season intactness
- Shorter plant stature leaves less residue to manage

**WEAKNESSES**
- Average Goss’s Wilt Tolerance

**MANAGEMENT TIPS**
- Plant at moderate to high populations to maximize yield potential
- Moves well south of primary area of adaptation
- Strong emergence and early vigor allow for early planting

**CORN AFTER CORN TIPS**
- Responds favorably to foliar fungicide application in high disease environment
### Brand: A628-20

**INPUT**
- VT2RIB

**OUTPUT**
- Select Silage Product

**GENETIC FAMILY**
- GFx

**PRODUCT FEATURES**
- GDDs to MGP: 1245
- GDDs to BL: 2428
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**AGRONOMIC RATING**
- Test Weight: 08
- Emergence: 08
- Drought Tolerance: 08
- Drift Down: 08
- Root Strength: 08
- Stalk Strength: 08

**SOIL ADAPTABILITY**
- Silt Loam: 08
- Clay Loam: 08
- Clay: 08
- Sandy Loam: 08
- Sand: 08

**PLANTING APPLICATIONS**
- SEED: 09
- IRRIGATION: 08
- MARROW ROWS: 07
- CORN ON CORN: 07
- NO TILL: 08
- POORLY DRAINED: 08

**DISEASE TOLERANCE**
- Anthracnose: 07
- Sclerotinia: 07
- N. DB: 07
- GRAY LEAF SPOT: 07
- Goss’s Wilt: 07
- Rust: 07

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low
  - 30": 28-30,000
  - Narrow: 28-30,000

**NITROGEN UTILIZATION**
- Late

**NOTES:**
- Outstanding yield potential across all soils
- Strong stalks and roots with very good late season plant integrity
- Adapted to a wide range of soil types

**WEAKNESSES**
- Average leaf disease tolerance

**MANAGEMENT TIPS**
- Utilize fungicides in high disease environments
- Utilize on a wide range of soil types
- Plant at medium to higher populations for optimum performance

**CORN AFTER CORN TIPS**
- Responds favorably to foliar fungicide application in high disease environments

### Brand: A629-22

**INPUT**
- STX2RIB, VT2RIB, Conv

**OUTPUT**
- Select Silage Product, HEC, Conventional

**GENETIC FAMILY**
- GFx

**PRODUCT FEATURES**
- GDDs to MGP: 1255
- GDDs to BL: 2490
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**AGRONOMIC RATING**
- Test Weight: 09
- Emergence: 08
- Drought Tolerance: 07
- Drift Down: 08
- Root Strength: 08
- Stalk Strength: 08

**SOIL ADAPTABILITY**
- Silt Loam: 08
- Clay Loam: 09
- Clay: 09
- Sandy Loam: 10
- Sand: 10

**PLANTING APPLICATIONS**
- SEED: 10
- IRRIGATION: 08
- MARROW ROWS: 08
- CORN ON CORN: 09
- NO TILL: 09
- POORLY DRAINED: 08

**DISEASE TOLERANCE**
- Anthracnose: 08
- Sclerotinia: 07
- N. DB: 08
- GRAY LEAF SPOT: 07
- Goss’s Wilt: 08
- Rust: 07

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low, Medium, High
  - 30": 28-32,000, 30-32,000, 32-35,000
  - Narrow: 28-30,000, 33-35,000, 33-36,000

**NITROGEN UTILIZATION**
- FLEXIBLE

**NOTES:**
- Excellent yield potential in wide area of adaptation
- Excellent test weight and grain quality
- Very good fall appearance and late season plant integrity

**WEAKNESSES**
- Average GLS tolerance

**MANAGEMENT TIPS**
- Fungicide recommended under heavy GLS pressure
- Moves well north of primary area of adaptation
- Excellent option for continuous corn and variable soils

**CORN AFTER CORN TIPS**
- Responds favorably to foliar applied fungicide in high disease environments
**A6257**

**100 days**

**Genetic Family**: G64

**Product Features**

- GDUs to Mid-Pollen: 1265
- GDUs to Black Layer: 2500
- Plant Height: Medium
- Leaf Orientation: Semi-Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Agronomic Rating**

- Test Weight: 08
- Emergence: 09
- Drought Tolerance: 09
- Dry Down: 09
- Root Strength: 08
- Stalk Strength: 09

**Soil Adaptability**

- Clay: 08
- Clay Loam: 09
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**Area of Adaptability**

- Primary:
  - Test Weight
  - Emergence
  - Drought Tolerance
  - Dry Down
  - Root Strength
  - Stalk Strength

- Secondary:
  - Test Weight
  - Emergence
  - Drought Tolerance
  - Dry Down
  - Root Strength
  - Stalk Strength

**Planting Applications**

- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 09
- No-Till: 09
- Poorly Drained: 08

**Disease Tolerance**

- Anthracnose: 07
- Sclerotinia: 07
- NCLB: 07
- Gray Leaf Spot: 08
- Goss’s Wilt: 07
- Rust: 07

**Notes:**

- **Regional**

**Strengths**

- Outstanding yield potential in area of adaptation
- Very good stalk strength
- Good Goss’s Wilt tolerance

**Weaknesses**

- Requires high populations for maximum performance

**Management Tips**

- Plant early to take advantage of good emergence & vigor
- Utilize as a dual purpose hybrid
- Use in continuous corn systems with increased management

**Corn After Corn Tips**

- Great emergence tolerates heavy corn after corn residue

---

**A630-31**

**100 days**

**Genetic Family**: G67

**Product Features**

- GDUs to Mid-Pollen: 1257
- GDUs to Black Layer: 2500
- Plant Height: Medium
- Leaf Orientation: Semi-Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**Agronomic Rating**

- Test Weight: 08
- Emergence: 09
- Drought Tolerance: 10
- Dry Down: 09
- Root Strength: 09
- Stalk Strength: 09

**Soil Adaptability**

- Clay: 08
- Clay Loam: 09
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**Area of Adaptability**

- Primary:
  - Test Weight
  - Emergence
  - Drought Tolerance
  - Dry Down
  - Root Strength
  - Stalk Strength

- Secondary:
  - Test Weight
  - Emergence
  - Drought Tolerance
  - Dry Down
  - Root Strength
  - Stalk Strength

**Planting Applications**

- Silage: 10
- Irrigation: 08
- Narrow Rows: 09
- Corn on Corn: 07
- No-Till: 09
- Poorly Drained: 08

**Disease Tolerance**

- Anthracnose: 07
- Sclerotinia: 07
- NCLB: 07
- Gray Leaf Spot: 08
- Goss’s Wilt: 07
- Rust: 08

**Notes:**

- **Regional**

**Strengths**

- Excellent yield potential in high stress environments
- Excellent stalk strength and overall plant health
- Very good Goss’s Wilt tolerance

**Weaknesses**

- Good to average test weight

**Management Tips**

- Utilize for early corn south of primary adaptation zone
- Excellent option for defensive acres
- Very good option for acres with a history of Goss’s Wilt

**Corn After Corn Tips**

- Soil insecticide required for corn on corn with VT2RIBD1 trait package
**BRAND**

**A631-38**

101 days **NEW**

**GENETIC FAMILY**

**GXBFH**

**PRODUCT FEATURES**

- GDDs to MidPoll 1290
- GDDs to Black Layer 2520
- Plant Height Medium Tall
- Leaf Orientation Semi Upright
- Ear Height Medium High
- Ear Flex Semi Flexible
- Kernel Texture Medium Hard
- Harvest Timing Normal
- Foliar Fungicide Response Moderate

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>08</th>
<th>09</th>
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<tbody>
<tr>
<td>SANDY LOAM</td>
<td></td>
<td></td>
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<tr>
<td>SAND</td>
<td></td>
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</tr>
<tr>
<td>SILT LOAM</td>
<td>09</td>
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<tr>
<td>Silt Clay Loam</td>
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<tr>
<td>Clay Loam</td>
<td>08</td>
<td></td>
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<tr>
<td>Clay</td>
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**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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</thead>
<tbody>
<tr>
<td>30”</td>
<td>30-35,000</td>
<td>33-35,000</td>
<td>34-36,000</td>
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<tr>
<td>Narrow</td>
<td>28-34,000</td>
<td>33-34,000</td>
<td>36-38,000</td>
</tr>
</tbody>
</table>

**PLANTING APPLICATIONS**

- SEA: 08
- Irrigation: 09
- Narrow Row: 09
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 08

**DISEASE TOLERANCE**

- ANTHRACNOSE: 08
- SClEROTinia: 07
- NOG: 07
- GRAY LEAF SPOT: 08
- GOSS’S WILT: 07
- RUST: 07

**AGRONOMIC RATING**

- YIELD: 09
- Emergence: 08
- Drought Tolerance: 09
- Dry Down: 08
- Root Strength: 09
- Stalk Strength: 08

**SOIL ADAPTABILITY**

- SANDY LOAM: 09
- SAND: 08
- Silt Loam: 10
- Clay Loam: 08
- Clay: 09
- Clay Loam (Silt Clay Loam): 10

**NITROGEN UTILIZATION - FLEXIBLE**

<table>
<thead>
<tr>
<th>Level</th>
<th>03</th>
<th>04</th>
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<tr>
<td>Preplant</td>
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<tr>
<td>Preplant &amp; Sidedress</td>
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</tr>
<tr>
<td>Starter &amp; Sidedress</td>
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</tbody>
</table>

**NOTES:**

**STRENGTHS**

- Outstanding yield potential across all soils
- Outstanding late season plant intactness
- Good performance in high and low yielding locations

**WEAKNESSES**

- Limited ear flex at lower populations

**MANAGEMENT TIPS**

- Plant at medium to higher populations for optimum performance
- Utilize on a wide range of soils
- Best suited for crop rotation systems

**CORN AFTER CORN TIPS**

- Soil insecticide required for corn on corn with VT2 trait package

---

**BRAND**

**A6267**

102 days

**GENETIC FAMILY**

**GXF**

**PRODUCT FEATURES**

- GDDs to MidPoll 1269
- GDDs to Black Layer 2520
- Plant Height Medium Tall
- Leaf Orientation Semi Upright
- Ear Height Medium
- Ear Flex Semi Flexible
- Kernel Texture Medium
- Harvest Timing Normal
- Foliar Fungicide Response Moderate

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>08</th>
<th>09</th>
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<tbody>
<tr>
<td>SANDY LOAM</td>
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<td></td>
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<tr>
<td>SAND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SILT LOAM</td>
<td>10</td>
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<td>Silt Clay Loam</td>
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<td>Clay Loam</td>
<td>09</td>
<td></td>
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<tr>
<td>Clay</td>
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**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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<tbody>
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<td>30-32,000</td>
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<td>Narrow</td>
<td>28-30,000</td>
<td>33-34,000</td>
<td>33-36,000</td>
</tr>
</tbody>
</table>

**PLANTING APPLICATIONS**

- SEA: 09
- Irrigation: 09
- Narrow Row: 09
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 08

**DISEASE TOLERANCE**

- ANTHRACNOSE: 08
- SClEROTinia: 07
- NOG: 07
- GRAY LEAF SPOT: 08
- GOSS’S WILT: 07
- RUST: 07

**AGRONOMIC RATING**

- YIELD: 08
- Emergence: 09
- Drought Tolerance: 09
- Dry Down: 09
- Root Strength: 07
- Stalk Strength: 09

**SOIL ADAPTABILITY**

- SANDY LOAM: 09
- SAND: 08
- Silt Loam: 10
- Clay Loam: 09
- Clay: 09
- Clay Loam (Silt Clay Loam): 10

**NITROGEN UTILIZATION - LATE**

<table>
<thead>
<tr>
<th>Level</th>
<th>02</th>
<th>04</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Preplant &amp; Sidedress</td>
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<td></td>
</tr>
<tr>
<td>Starter &amp; Sidedress</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

**STRENGTHS**

- Outstanding yield potential across all soils
- Consistent performance in all cropping systems and environments
- Very good late season plant intactness

**WEAKNESSES**

- Average root strength

**MANAGEMENT TIPS**

- Plant at medium to higher populations for optimum performance
- Plant early to take advantage of good emergence & vigor
- Moves well south of primary area of adaptation

**CORN AFTER CORN TIPS**

- Great emergence tolerates heavy corn after corn residue
**Brand: A633-94**

103 days

**Genetic Family:**

**Product Features:**
- GDUs to Mid-Pollen: 1268
- GDUs to Black Layer: 2545
- Plant Height: Medium
- Leaf Orientation: Semi-Upright
- Ear Height: Medium-Low
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium-Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**Agronomic Rating:**
- Test Weight: 08
- Emergence: 08
- Drought Tolerance: 07
- Dry Down: 07
- Root Strength: 07
- Stalk Strength: 07

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 10
- Clay Loam: 10
- Sandy Loam: 07
- Sand: 06

**Area of Adaptability:**

**Planting Applications:**
- Silage: 07
- Irrigation: 08
- Narrow Rows: 08
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 08

**Disease Tolerance:**
- Anthracnose: 08
- Sclerotinia: 08
- NCLB: 07
- Gray Leaf Spot: 07
- Goss's Wilt: 08
- Rust: 06

**Agronomic Rating Notes:**
- 100% Preplant: 08
- Preplant & Sidewall: 04
- Starter & Sidewall: 04

**Regional Strengths:**
- Excellent Goss's Wilt tolerance for Western Corn Belt
- Excellent yield potential on highly productive soils
- Shorter plant stature leaves less residue to manage

**Regional Weaknesses:**
- Average GOS tolerance

**Management Tips:**
- Utilize fungicides in high disease environments
- Responds well to high yield continuous corn environments

**Corn After Corn Tips:**
- Responds favorably to foliar applied fungicide in high disease environments

---

**Brand: A6300**

103 days

**Genetic Family:**

**Product Features:**
- GDUs to Mid-Pollen: 1267
- GDUs to Black Layer: 2521
- Plant Height: Medium Tall
- Leaf Orientation: Semi-Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Agronomic Rating:**
- Test Weight: 08
- Emergence: 09
- Drought Tolerance: 08
- Dry Down: 08
- Root Strength: 08
- Stalk Strength: 08

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 09
- Silty Clay Loam: 10
- Clay Loam: 10
- Sandy Loam: 09
- Sand: 07

**Area of Adaptability:**

**Planting Applications:**
- Silage: 07
- Irrigation: 08
- Narrow Rows: 08
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 08

**Disease Tolerance:**
- Anthracnose: 08
- Sclerotinia: 08
- NCLB: 07
- Gray Leaf Spot: 07
- Goss's Wilt: 08
- Rust: 06

**Agronomic Rating Notes:**
- 100% Preplant: 02
- Preplant & Sidewall: 04
- Starter & Sidewall: 04

**Regional Strengths:**
- Consistent yield levels across all environments
- Excellent stalk strength and overall plant health
- Very good dry down for maturity

**Regional Weaknesses:**
- High late season need for nitrogen

**Management Tips:**
- Plant at moderate populations for optimum performance
- Responds well to late applications of nitrogen

**Corn After Corn Tips:**
- Responds favorably to foliar applied fungicide in high disease environments
**A6355**  
103 days

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDU to MidPollen: 1300
- GDU to Black Layer: 2580
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Low
- Ear Flex: Semi Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREA OF ADAPTABILITY**

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low  |  Medium  |  High
- 30"  |  30-32,000  |  33-34,000  |  35-37,000
- Narrow  |  32-34,000  |  34-36,000  |  36-38,000

**NITROGEN UTILIZATION - LATE**
- 100% Preplant  |  Preplant & Sidedress  |  Starter & Sidedress
- 03  |  04

**DISEASE TOLERANCE**
- Anthracnose  |  07
- Sclerotinia  |  09
- NCLB  |  07
- Gray Leaf Spot  |  07
- Goss's Wilt  |  07
- Rust  |  06

**INPUT**
- STXRIB  |  VT2RIB  |  CONV

**OUTPUT**
- Select Silage Product  |  Conventional

**NOTES:**

**STRENGTHS**
- Outstanding yield potential with fast drydown
- Very good root and stalk strength
- Very good performance across all soil types

**WEAKNESSES**
- Average GUS tolerance

**MANAGEMENT TIPS**
- Utilize fungicides in high disease environments
- Moves well south of primary area of adaptation
- Plant early to take advantage of good emergence and vigor

**CORN AFTER CORN TIPS**
- Responds favorably to foliar fungicide application in high disease environment

---

**A6326**  
104 days

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDU to MidPollen: 1287
- GDU to Black Layer: 2600
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flex: Semi Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low  |  Medium  |  High
- 30"  |  28-30,000  |  30-32,000  |  32-34,000
- Narrow  |  30-32,000  |  33-34,000  |  34-36,000

**NITROGEN UTILIZATION - EARLY**
- 100% Preplant  |  Preplant & Sidedress  |  Starter & Sidedress
- 04  |  03  |  02

**DISEASE TOLERANCE**
- Anthracnose  |  08
- Sclerotinia  |  07
- NCLB  |  08
- Gray Leaf Spot  |  08
- Goss's Wilt  |  07
- Rust  |  06

**INPUT**
- CONWX

**OUTPUT**
- Waxy

**NOTES:**

**STRENGTHS**
- Excellent emergence for early planting
- Excellent yield potential on highly productive soils
- Outstanding late season plant health and stalk integrity

**WEAKNESSES**
- Requires higher plant populations to optimize performance

**MANAGEMENT TIPS**
- Best performance in primary area of adaptation
- Plant early to take advantage of good emergence and vigor
- Adapted to continuous waxy corn systems

**CORN AFTER CORN TIPS**
- Adapted to most well-drained continuous corn acres
### Brand: A6346
104 days

**Input:** STXRB, VT2RIB

**Output:**

#### Genetic Family

- **Product Features**
  - GDUs to Mid-Pollen: 1282
  - GDUs to Black Layer: 2570
  - Plant Height: Medium
  - Leaf Orientation: Semi Upright
  - Ear Height: Medium
  - Ear Flex: Semi-Flexible
  - Kernel Texture: Medium Hard
  - Harvest Timing: Normal
  - Foliar Fungicide Response: High

#### Area of Adaptability

**SOIL ADAPTABILITY**

- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**PLANTING APPLICATIONS**

- STXRIB: 08
- VT2RIB: 08

**DISEASE TOLERANCE**

- Anthracnose: 08
- Sclerotinia: 08
- NCLB: 09
- SCLB: 09
- Gray Leaf Spot: 06
- Goss's Wilt: 08
- Rust: 08

**NOTES:**

#### Regional

**STRENGTHS**
- Excellent staygreen and late season plant intactness
- Very good stalk and root strength, extends harvest window
- Widely adapted hybrid across most soil types

**WEAKNESSES**
- Average GLS tolerance

**Management Tips**
- Plant at medium to higher populations for optimum performance
- Spray fungicide in fields with a history of GLS
- Excellent option for fields with a history of NCLB and Goss's Wilt

**Corn After Corn Tips**
- Medium plant structure improves residue management

---

### Brand: A6351
105 days

**Input:** STXRB, VT2RIB

**Output:** HEC

#### Genetic Family

- **Product Features**
  - GDUs to Mid-Pollen: 1302
  - GDUs to Black Layer: 2587
  - Plant Height: Medium Short
  - Leaf Orientation: Upright
  - Ear Height: Medium
  - Ear Flex: Fixed
  - Kernel Texture: Medium Hard
  - Harvest Timing: Normal
  - Foliar Fungicide Response: High

#### Area of Adaptability

**SOIL ADAPTABILITY**

- Clay: 09
- Clay Loam: 08
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 09
- Sand: 08

**PLANTING APPLICATIONS**

- STXRIB: 06
- VT2RIB: 09

**DISEASE TOLERANCE**

- Anthracnose: 07
- Sclerotinia: 08
- NCLB: 08
- SCLB: 08
- Gray Leaf Spot: 08
- Goss's Wilt: 07
- Rust: 07

**NOTES:**

#### Regional

**STRENGTHS**
- Excellent yield-to-moisture ratio with very good drydown
- Above average grain quality and high test weight
- Attractive late season plant health and intactness

**WEAKNESSES**
- Requires high populations for maximum performance

**Management Tips**
- Plant at higher populations for optimum performance
- Responds well to late applications of nitrogen
- Keep in primary area of adaptation for best performance

**Corn After Corn Tips**
- Plant on productive soils with high populations
**BRAND**

**A635-54**

105 days

**INPUT**

STX RIB, VT2 RIB, CONV

**OUTPUT**

HEC, Conventional

**GENETIC FAMILY**

GXF

**PRODUCT FEATURES**

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<tr>
<th>Feature</th>
<th>Value</th>
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<td>Harvest Timing</td>
<td>High</td>
</tr>
<tr>
<td>Foliar Fungicide Response</td>
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</table>

**AREA OF ADAPTABILITY**

**GENETIC FAMILY**

**INPUT**

VT2 RIB

**OUTPUT**

HEC

**NOTES:**

**PLATINUM**

**STRENGTHS**

Outstanding yield potential with broad acre adaptation

Very good ear flex allows for adaptation to the tougher acre

Excellent roots and very good stalk strength

**WEAKNESSES**

Average GLS tolerance

**MANAGEMENT TIPS**

Fungicide recommended under heavy fungal disease pressure

Match planting density to soil type to increase yield efficiency

Very good choice for no-till and continuous corn systems

**CORN AFTER CORN TIPS**

Responds favorably to fungicide

---

**BRAND**

**A636-55**

106 days

**INPUT**

VT2 RIB

**OUTPUT**

HEC

**GENETIC FAMILY**

GXF

**PRODUCT FEATURES**

<table>
<thead>
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<td>Leaf Orientation</td>
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<tr>
<td>Ear Height</td>
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<td>Ear Flex</td>
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<td>Kernel Texture</td>
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<td>Harvest Timing</td>
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<tr>
<td>Foliar Fungicide Response</td>
<td>High</td>
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</table>

**AREA OF ADAPTABILITY**

**GENETIC FAMILY**

**INPUT**

VT2 RIB

**OUTPUT**

HEC

**NOTES:**

**REGIONAL**

**STRENGTHS**

Excellent agronomic package with consistent and dependable yields

Outstanding test weight and grain quality

Very good plant health and late season plant intactness

**WEAKNESSES**

Requires higher plant populations to optimize performance

**MANAGEMENT TIPS**

Plant at medium to higher populations for optimum performance

Best performance in primary area of adaptation

Best suited for crop rotation systems

**CORN AFTER CORN TIPS**

Maximize root growth and protection with use of insecticide
**A636-56**

**106 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDU to Mid-Pollen: 1355
- GDU to Black Layer: 2700
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Follar Fungicide Response: Moderate

**SOIL ADAPTABILITY**

- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 08
- Silt Loam: 08
- Sandy Loam: 08
- Sand: 08

**PLANTING APPLICATIONS**

- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 09
- No Till: 08
- Poorly Drained: 07

**DISEASE TOLERANCE**

- Anthracnose: 08
- Sclerotinia: 08
- NCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 07

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low  Medium  High
  - 30": 30-32,000  32-34,000  34-36,000
  - Narrow: 32-34,000  34-36,000  36-38,000

**STRENGTHS**

- Outstanding yield potential with a strong agronomic package
- Excellent emergence and early season vigor
- Consistent performance in all cropping systems and environments

**WEAKNESSES**

- Requires higher populations for maximum performance

**MANAGEMENT TIPS**

- Plant at higher populations for optimum performance
- Adapted to a wide range of soils
- Excellent option for fields with history of NCLB and Goss’s Wilt

**CORN AFTER CORN TIPS**

- Strong emergence and vigor tolerates heavy corn after corn residue

**BRAND**

**A637-55**

**107 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDU to Mid-Pollen: 1376
- GDU to Black Layer: 2725
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Follar Fungicide Response: Moderate

**SOIL ADAPTABILITY**

- Clay: 06
- Clay Loam: 07
- Silty Clay Loam: 09
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 08

**PLANTING APPLICATIONS**

- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 08
- No Till: 09
- Poorly Drained: 07

**DISEASE TOLERANCE**

- Anthracnose: 07
- Sclerotinia: 08
- NCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low  Medium  High
  - 30": 26-30,000  30-33,000  32-35,000
  - Narrow: 28-32,000  32-34,000  34-36,000

**STRENGTHS**

- Excellent leaf disease tolerance
- Very good Goss’s Wilt tolerance for Western Corn Belt
- Strong southern movement for maturity

**WEAKNESSES**

- Limited movement north of primary area of adaptation

**MANAGEMENT TIPS**

- Place in well drained soils
- Responds well to late applications of nitrogen
- Excellent option for fields with history of NCLB and Goss’s Wilt

**CORN AFTER CORN TIPS**

- Trait package best suited for corn-soybean rotation
### A638-74

**Brand:** A638-74  
**Genetic Family:**  
**Product Features:**  
- GDDs to Mid-Pollen: 1370  
- GDDs to Black Layer: 2732  
- Plant Height: Medium Tall  
- Leaf Orientation: Semi-Upright  
- Ear Height: Medium  
- Ear Flex: Semi-Flexible  
- Kernel Texture: Medium Hard  
- Harvest Timing: Normal  
- Foliar Fungicide Response: Moderate  

**Area of Adaptability:**  

**Agronomic Rating:**  
- Test Weight: 08  
- Emergence: 08  
- Drought Tolerance: 08  
- Dry Down: 08  
- Root Strength: 08  
- Stalk Strength: 08  

**Soil Adaptability:**  
- Clay: 07  
- Clay Loam: 07  
- Silty Clay Loam: 10  
- Clay Loam: 10  
- Sandy Loam: 08  
- Sand: 07  

**Planting Applications:**  
- Starter & Sidedress: 100% Preplant  

**Planting Population per Yield Environment:**  

**Disease Tolerance:**  
- Anthracnose: 07  
- Sclerotinia: 07  
- NCLB: 07  
- Gray Leaf Spot: 07  
- Goss’s Wilt: 07  
- Rust: 07  

**Nitrogen Utilization - late:**  
- 100% Preplant: 04  

**Notes:**  
- Limited  

### A638-84

**Brand:** A638-84  
**Genetic Family:**  
**Product Features:**  
- GDDs to Mid-Pollen: 1379  
- GDDs to Black Layer: 2725  
- Plant Height: Medium Tall  
- Leaf Orientation: Semi-Upright  
- Ear Height: Medium  
- Ear Flex: Semi-Flexible  
- Kernel Texture: Medium Hard  
- Harvest Timing: Normal  
- Foliar Fungicide Response: High  

**Area of Adaptability:**  

**Agronomic Rating:**  
- Test Weight: 09  
- Emergence: 08  
- Drought Tolerance: 08  
- Dry Down: 08  
- Root Strength: 08  
- Stalk Strength: 07  

**Soil Adaptability:**  
- Clay: 07  
- Clay Loam: 07  
- Silty Clay Loam: 10  
- Clay Loam: 10  
- Sandy Loam: 08  
- Sand: 07  

**Planting Applications:**  
- Starter & Sidedress: Preplant & Sidedress  

**Planting Population per Yield Environment:**  

**Disease Tolerance:**  
- Anthracnose: 07  
- Sclerotinia: 07  
- NCLB: 07  
- Gray Leaf Spot: 07  
- Goss’s Wilt: 07  
- Rust: 07  

**Nitrogen Utilization - late:**  
- 100% Preplant: 04  

**Notes:**  
- Limited  

### MANAGEMENT TIPS
- Responds favorably to fungicide under heavy anthracnose pressure  
- Best suited for moderate to high yield environments  
- Harvest early to take advantage of good emergence and early vigor  

### CROP AFTER CORN TIPS
- Best adapted to crop rotation systems
**BRAND**

**A638-94**

108 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDDs to MidPolln: 1360
- GDDs to Black Layer: 2735
- Plant Height: Medium Short
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**INPUT**

STXRIB

**OUTPUT**

HEC

**AGRONOMIC RATING**

- Test Weight
- Emergence
- Drought Tolerance
- Dry Down
- Root Strength
- Stalk Strength

**SOIL ADAPTABILITY**

- Clay
- Clay Loam
- Silt Clay Loam
- Silt Loam
- Sandy Loam
- Sand

**PLANTING APPLICATIONS**

- Silage

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low, Medium, High
- 30" Row Type: 30-32,000, 33-34,000, 35-37,000
- Narrow Row Type: 32-34,000, 34-36,000, 36-38,000

**DISEASE TOLERANCE**

- Anthracnose
- Sclerotinia
- NCLB
- SCLB
- Anthracnose
- Gray Leaf Spot
- Goss's Wilt
- Rust

**NOTES:**

**LIMITED**

- **STRENGTHS**
  - Excellent Goss's Wilt tolerance for Western Corn Belt
  - Very high tolerance to green snap
  - Outstanding yield potential with fast drydown

- **WEAKNESSES**
  - Limited movement south of primary area of adaptation

- **MANAGEMENT TIPS**
  - Plant at medium to higher populations for optimum performance
  - Best suited for moderate to high yield environments
  - Utilize in primary area of adaptation

- **CORN AFTER CORN TIPS**
  - Responds favorably to foliar fungicide application in high disease environments

**BRAND**

**A6424**

108 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDDs to MidPolln: 1375
- GDDs to Black Layer: 2725
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREA OF ADAPTABILITY**

**INPUT**

AS3111

**OUTPUT**

Select Silage Product

**AGRONOMIC RATING**

- Test Weight
- Emergence
- Drought Tolerance
- Dry Down
- Root Strength
- Stalk Strength

**SOIL ADAPTABILITY**

- Clay
- Clay Loam
- Silt Clay Loam
- Silt Loam
- Sandy Loam
- Sand

**PLANTING APPLICATIONS**

- Silage

**PLANTING POPULATION PER YIELD ENVIRONMENT**

- Row Type: Low, Medium, High
- 30" Row Type: 28-30,000, 30-33,000, 32-34,000
- Narrow Row Type: 30-32,000, 33-34,000, 34-36,000

**DISEASE TOLERANCE**

- Anthracnose
- Sclerotinia
- NCLB
- SCLB
- Anthracnose
- Gray Leaf Spot
- Goss's Wilt
- Rust

**NOTES:**

**REGIONAL**

- **STRENGTHS**
  - Excellent root strength and standability
  - Very good Goss's Wilt tolerance for Western Corn Belt
  - Superior insect protection package

- **WEAKNESSES**
  - Limited movement north of primary area of adaptation

- **MANAGEMENT TIPS**
  - Keep in primary area of adaptation for best performance
  - Adapted to a wide range of soils
  - Responds to late applications of nitrogen

- **CORN AFTER CORN TIPS**
  - Plant when soils have reached optimum temperature
A6426
108 days

INPUT
CONWWX

OUTPUT
Waxy

NOTES:

REGIONAL

PLANTING POPULATION PER YIELD ENVIRONMENT

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<tr>
<td>Narrow</td>
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NITROGEN UTILIZATION - LATE

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<tr>
<th>Nitrogen Response</th>
<th>100% Preplant</th>
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<th>Starter &amp; Sidedress</th>
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<td>04</td>
<td></td>
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</tr>
</tbody>
</table>

STRENGTHS
Exceptional yield and profit potential
Above average emergence and early vigor
Above average drydown

WEAKNESSES
Average late season plant health and intactness

MANAGEMENT TIPS
Yields respond favorably to increased management
Plant at moderate to high populations to maximize yield potential
Adapted to medium and well-drained soils

CORN AFTER CORN TIPS
Reponds favorably to foliar fungicide application in high disease environments

A639-40
109 days

INPUT
VT2RIB CONV

OUTPUT
Conventional

NOTES:

PLATINUM

PLANTING POPULATION PER YIELD ENVIRONMENT

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>30”</td>
<td>28-32,000</td>
<td>32-34,000</td>
<td>34-36,000</td>
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<tr>
<td>Narrow</td>
<td>30-34,000</td>
<td>34-36,000</td>
<td>34-36,000</td>
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</tbody>
</table>

NITROGEN UTILIZATION - LATE

<table>
<thead>
<tr>
<th>Nitrogen Response</th>
<th>100% Preplant</th>
<th>Preplant &amp; Sidedress</th>
<th>Starter &amp; Sidedress</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td></td>
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</tr>
<tr>
<td>04</td>
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</tr>
</tbody>
</table>

STRENGTHS
Outstanding yield potential under high management systems
Wide adaptability to most soils
Very good leaf disease package with NC1B tolerance

WEAKNESSES
Average performance under droughty soils and conditions

MANAGEMENT TIPS
Utilize on wide range of soils
Plant at moderate populations to maximize performance
Utilize in any cropping or tillage systems

CORN AFTER CORN TIPS
Responds to late applications of nitrogen
**A639-41**

**109 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDUs to Mid Pollen: 1375
- GDUs to Black Layer: 2756
- Plant Height: Tall
- Leaf Orientation: Upright
- Ear Height: Medium
- Ear Flex: Semi-Flat
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREAS OF ADAPTABILITY**

**SOIL ADAPTABILITY**

**PLANTING APPLICATIONS**

**DISEASE TOLERANCE**

**NOTES:**

- **INTERNATIONAL**
  - Consistent yield levels across all environments
  - Dependable stalk and root strength with strong early vigor

- **REGIONS**
  - Very stable, low management product

- **PRODUCTION**
  - Average late season plant health and intactness

- **MANAGEMENT TIPS**
  - Keep in area of adaptation for best performance
  - Moves north very well for its maturity

- **CORN AFTER CORN TIPS**
  - Responds favorably to foliar fungicide application in high disease environments

---

**A6442**

**109 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDUs to Mid Pollen: 1370
- GDUs to Black Layer: 2755
- Plant Height: Tall
- Leaf Orientation: Upright
- Ear Height: Medium
- Ear Flex: Semi-Flat
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**AREAS OF ADAPTABILITY**

**SOIL ADAPTABILITY**

**PLANTING APPLICATIONS**

**DISEASE TOLERANCE**

**NOTES:**

- **INTERNATIONAL**
  - Consistent performance across variable environments

- **REGIONS**
  - Maintains ear size under stress

- **PRODUCTION**
  - Very good Goss’s Wilt tolerance

- **PRODUCTION**
  - Very tall hybrid with high ear placement

- **MANAGEMENT TIPS**
  - Plant early to take advantage of good emergence & vigor

- **CORN AFTER CORN TIPS**
  - Adapted to a wide range of soils

---
### A640-77

**Brand:** A640-77  
**Genetic Family:** GXF  
**Input:** STXRib, VT2Rib  
**Output:** Select Silage Product, HEC  
**110 days**

**Area of Adaptability**

**Soil Adaptability**
- Clay: 08  
- Clay Loam: 08  
- Silty Clay Loam: 10  
- Silt Loam: 10  
- Sandy Loam: 08  
- Sand: 08

**Planting Applications**
- Silage: 08  
- Irrigation: 09  
- Narrow Rows: 09  
- Corn On Corn: 09  
- No Till: 09  
- Poorly Drained: 08

**Disease Tolerance**
- Anthracnose: 07  
- SCN: 09  
- NCLB: 09  
- Gray Leaf Spot: 07  
- Goss’s Wilt: 07  
- Rust: 07

**Planting Population Per Yield Environment**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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<tbody>
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<tr>
<td>Narrow</td>
<td>28-30,000</td>
<td>30-32,000</td>
<td>32-34,000</td>
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</tbody>
</table>

**Nitrogen Utilization**
- Flexible: 03

**Notes:**
- **Strengths:** Exceptional yields throughout area of adaptation  
  - Very good root strength and heavy test weight  
  - Excellent emergence and early vigor  
- **Weaknesses:** Average Goss’s Wilt Tolerance  
- **Management Tips:** Excellent emergence allows for early planting and no-till systems  
  - Utilize on a wide range of soils  
  - Plant at medium to higher populations for optimum performance  
- **Corn After Corn Tips:** Responds to late applications of nitrogen and foliar fungicide

### A6458

**Brand:** A6458  
**Genetic Family:** GBW  
**Input:** VT2Rib, CONV, CONVWX  
**Output:** Waxy, Conventional  
**110 days**

**Area of Adaptability**

**Soil Adaptability**
- Clay: 08  
- Clay Loam: 08  
- Silty Clay Loam: 10  
- Silt Loam: 10  
- Sandy Loam: 08  
- Sand: 08

**Planting Applications**
- Silage: 08  
- Irrigation: 09  
- Narrow Rows: 09  
- Corn On Corn: 09  
- No Till: 09  
- Poorly Drained: 08

**Disease Tolerance**
- Anthracnose: 08  
- SCN: 09  
- NCLB: 09  
- Gray Leaf Spot: 07  
- Goss’s Wilt: 08  
- Rust: 07

**Planting Population Per Yield Environment**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
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<td>Narrow</td>
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<td>32-34,000</td>
<td>34-36,000</td>
</tr>
</tbody>
</table>

**Nitrogen Utilization**
- Flexible: 03

**Notes:**
- **Strengths:** Excellent health, stay green and late season plant intactness  
  - Outstanding yield potential with a strong agronomic package  
  - Very good emergence and early vigor  
- **Weaknesses:** Average test weight and grain quality  
- **Management Tips:** Keep on high productivity soils for maximum performance  
  - Very good choice for no-till and reduced tillage systems  
  - Utilize granular insecticide in high corn rootworm environments  
- **Corn After Corn Tips:** Responds favorably to foliar applied fungicide in high disease environment
**A6462**

**110 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDUs to MidPollen: 1335
- GDUs to Black Layer: 2760
- Plant Height: Semi Upright
- Leaf Orientation: Medium
- Ear Height: Semi Upright
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Low

**INPUT**
- STXRIB
- VT2RIB

**OUTPUT**
- Select Silage Product

**AERIAL MAP**

**AGRONOMIC RATING**
- Test Weight: 08
- Emergence: 07
- Drought Tolerance: 08
- Durability: 08
- Root Strength: 08
- Stalk Strength: 07

**SOIL ADAPTABILITY**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 08
- Silt Loam: 08
- Sandy Loam: 08
- Sand: 08

**PLANTING APPLICATIONS**
- Square: 10
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 08
- No Till: 08
- Poorly Drained: 08

**DISEASE TOLERANCE**
- Anthracnose: 07
- Sclerotinia: 09
- NUG: 08
- Gray Leaf Spot: 07
- Goss's Wilt: 07
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low
  - 30": 28-32,000
- 36-38,000

**NOTES:**
- Outstanding yield potential with a strong agronomic package
- Excellent late season staygreen
- Versatile hybrid adapted to all production systems
- Average GLS tolerance

**REGIONAL**

**A6472**

**110 days**

**GENETIC FAMILY**

**PRODUCT FEATURES**
- GDUs to MidPollen: 1336
- GDUs to Black Layer: 2770
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Fixed
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Low

**INPUT**
- VT2RIB
- CONV

**OUTPUT**
- HEC
- Conventional

**AERIAL MAP**

**AGRONOMIC RATING**
- Test Weight: 08
- Emergence: 07
- Drought Tolerance: 08
- Durability: 08
- Root Strength: 08
- Stalk Strength: 09

**SOIL ADAPTABILITY**
- Clay: 09
- Clay Loam: 09
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 07

**PLANTING APPLICATIONS**
- Square: 09
- Irrigation: 08
- Narrow Rows: 09
- Corn on Corn: 07
- No Till: 09
- Poorly Drained: 10

**DISEASE TOLERANCE**
- Anthracnose: 07
- Sclerotinia: 09
- NUG: 07
- Gray Leaf Spot: 06
- Goss's Wilt: 06
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT**
- Row Type: Low
  - 30": 28-32,000
- 36-38,000

**NOTES:**
- Outstanding yield potential across variable soils
- Very good root strength with above average late season stalk strength
- Wide adaptability to most soils & planting environments
- Average GLS tolerance

**REGIONAL**

**MANAGEMENT TIPS**
- Plant at medium to higher populations for optimum performance
- Maximize yield potential on rotated acres
- Responds to late applications of nitrogen

**CORN AFTER CORN TIPS**
- Hybrid performance best in corn-soybean rotation
### A641-06

**Brand:** A641-06

**Genetic Family:**

**Product Features:**
- GDUs to Mid-Pollen: 1361
- GDUs to Black Layer: 2781
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flat
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Area of Adaptability:**

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 08
- Silt Loam: 08
- Sandy Loam: 08
- Sand: 08

**Agronomic Rating:**
- Test Weight: 09
- Emergence: 07
- Drought Tolerance: 09
- Dry Down: 09
- Root Strength: 09
- Stalk Strength: 09

**Planting Applications:**
- Silage: NA
- Irrigation: 08
- Narrow Rows: 08
- Corn On Corn: 09
- No Till: 09
- Poorly Drained: 08

**Disease Tolerance:**
- Anthracnose: 09
- SR: 08
- NCLB: 08
- SCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 06
- Rust: 08

**PLANTING POPULATION PER YIELD ENVIRONMENT:**
- Row Type: Low: Medium: High
- 30°: 28-30,000: 30-34,000: 33-36,000
- Narrow: 28-30,000: 30-32,000: 33-35,000

**Nitrogen Utilization - Late:**
- 100% Preplant: 04
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Notes:**

**Strengths:**
- Outstanding yield potential across variable soils
- Very good root strength and heavy test weight
- Adapts to wide range of cropping systems

**Weaknesses:**
- Average Goss’s Wilt Tolerance

**Management Tips:**
- Utilize in fields with low or no pressure of Goss’s Wilt
- Utilize on a wide range of soils
- Plant at medium to higher populations for optimum performance

**Corn After Corn Tips:**
- Responds to late applications of nitrogen and foliar fungicide

### A641-78

**Brand:** A641-78

**Genetic Family:**

**Product Features:**
- GDUs to Mid-Pollen: 1372
- GDUs to Black Layer: 2773
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flat
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**Area of Adaptability:**

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 07
- Sand: 06

**Agronomic Rating:**
- Test Weight: 08
- Emergence: 09
- Drought Tolerance: 07
- Dry Down: 08
- Root Strength: 07
- Stalk Strength: 07

**Planting Applications:**
- Silage: 09
- Irrigation: 09
- Narrow Rows: 08
- Corn On Corn: 08
- No Till: 09
- Poorly Drained: 08

**Disease Tolerance:**
- Anthracnose: 08
- SR: 08
- NCLB: 08
- SCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 09
- Rust: 07

**PLANTING POPULATION PER YIELD ENVIRONMENT:**
- Row Type: Low: Medium: High
- 30°: 25-28,000: 28-30,000: 32-34,000
- Narrow: 28-30,000: 30-32,000: 33-35,000

**Nitrogen Utilization - Late:**
- 100% Preplant: 03
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Notes:**

**Strengths:**
- Widely adapted high yielding hybrid
- Excellent emergence and early season vigor
- Excellent Goss’s Wilt tolerance

**Weaknesses:**
- Average GLS tolerance

**Management Tips:**
- Manage plant health with fungicide under heavy disease pressure
- Plant at moderate populations to maximize performance
- Utilize on medium to high yielding soil types

**Corn After Corn Tips:**
- Responds to late applications of nitrogen and foliar fungicide
**BRAND**

A6488

111 days

**INPUT**

VT2RIB

**OUTPUT**

Select Silage Product  HEC

**GENETIC FAMILY**

GXF

**PRODUCT FEATURES**

- GDUs to MidPollen: 1430
- GDUs to Black Layer: 2790
- Plant Height: Medium
- Leaf Orientation: Upright
- Ear Height: Medium Low
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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<tbody>
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<td>33-35,000</td>
<td>34-36,000</td>
</tr>
</tbody>
</table>

**NITROGEN UTILIZATION - LATE**

<table>
<thead>
<tr>
<th>Preplant</th>
<th>Preplant &amp; Sidedress</th>
<th>Starter &amp; Sidedress</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>04</td>
<td>04</td>
</tr>
</tbody>
</table>

**AGRONOMIC RATING**

- Test Weight: 09
- Emergence: 09
- Drought Tolerance: 07
- Dry Down: 08
- Root Strength: 08
- Stalk Strength: 07

**SOIL ADAPTABILITY**

- Clay: 08
- Clay Loam: 09
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 07
- Sand: 06

**PLANTING APPLICATIONS**

- SEAG: 09
- IRRIGATION: 10
- NARROW ROWS: 08
- CORN ON CORN: 07
- NO FILL: 09
- POORLY DRAINED: 08

**DISEASE TOLERANCE**

- Anthracnose: 07
- Sclerotinia: 09
- NCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 05

**NOTES:**

- **STRENGTHS**
  - Outstanding yield potential with very good tolerance to greensnap
  - Excellent Goss’s Wilt tolerance for Western Corn Belt
  - Versatile hybrid adapted to all production systems

- **WEAKNESSES**
  - Average rust tolerance

- **MANAGEMENT TIPS**
  - Spray fungicide and side-dress N to maintain stalk integrity
  - Keep in primary area of adaptation for best performance
  - Plant early to take advantage of good emergence & vigor

- **CORN AFTER CORN TIPS**
  - Hybrid performance best in corn-soybean rotation

---

**BRAND**

A641-80

111 days

**INPUT**

CONWX  WXVT2PRO

**OUTPUT**

Waxy

**GENETIC FAMILY**

GXF

**PRODUCT FEATURES**

- GDUs to MidPollen: 1425
- GDUs to Black Layer: 2745
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
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<td>36-38,000</td>
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**NITROGEN UTILIZATION - LATE**

<table>
<thead>
<tr>
<th>Preplant</th>
<th>Preplant &amp; Sidedress</th>
<th>Starter &amp; Sidedress</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>04</td>
<td>04</td>
</tr>
</tbody>
</table>

**AGRONOMIC RATING**

- Test Weight: 08
- Emergence: 07
- Drought Tolerance: 08
- Dry Down: 07
- Root Strength: 08
- Stalk Strength: 09

**SOIL ADAPTABILITY**

- Clay: 08
- Clay Loam: 09
- Silt Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 07

**PLANTING APPLICATIONS**

- SEAG: NA
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 07
- No Fill: 08
- Poorly Drained: 08

**DISEASE TOLERANCE**

- Anthracnose: 08
- Sclerotinia: 08
- NCLB: 08
- Gray Leaf Spot: 07
- Goss’s Wilt: 09
- Rust: 06

**NOTES:**

- **STRENGTHS**
  - Outstanding yield potential in high yield environments
  - Excellent stalk strength and overall plant health
  - Very good Goss’s Wilt tolerance

- **WEAKNESSES**
  - Average performance on poorly drained soils

- **MANAGEMENT TIPS**
  - Plant on moderate to well drained soils at higher populations
  - Responds to late applications of nitrogen
  - Keep grain segregated for possible premium opportunities

- **CORN AFTER CORN TIPS**
  - Responds to late applications of nitrogen and foliar fungicide
### Brand A6498

**Genetic Family:** GXF

**Product Features:**
- GDU to Mid Pollen: 1414
- GDU to Black Layer: 2732
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

#### Area of Adaptability

![Map of the USA highlighting the area of adaptability for A6498]

**Soil Adaptability:**
- Clay: 09
- Clay Loam: 09
- Silt Loam: 09
- Gilt Loam: 10
- Sandy Loam: 08
- Sand: 07

**Planting Applications:**
- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 09

**Planting Population per Yield Environment**
- Row Type: Low 
  - 30": 28-30,000
  - Narrow: 30-32,000
- Medium: 30-33,000
- High: 33-36,000

**Disease Tolerance**
- Anthracnose: 07
- Sclerotinia: 08
- NCCLB: 08
- NCCLB: 08
- SCLB: 08
- Goss’s Wilt: 08
- Rust: 08

**Nitrogen Utilization - Late**
- 100% Preplant: 02
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Notes:**
- **Regional Strengths:** Outstanding yield potential across variable soils
  - Consistent girthy ears with deep kernels
  - Very good Goss’s Wilt tolerance
- **Weaknesses:** Average stalk anthracnose tolerance
- **Management Tips:** Plant at moderate populations to maximize performance
  - Spray fungicide and side-dress N to maintain stalk integrity
  - Keep grain segregated for possible premium opportunities
- **Corn After Corn Tips:** Responds favorably to foliar applied fungicide in high disease environments

---

### Brand A642-59

**Genetic Family:** GXF

**Product Features:**
- GDU to Mid Pollen: 1370
- GDU to Black Layer: 2795
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: High

#### Area of Adaptability

![Map of the USA highlighting the area of adaptability for A642-59]

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 08
- Silt Loam: 08
- Gilt Loam: 10
- Sandy Loam: 08
- Sand: 08

**Planting Applications:**
- Silage: 08
- Irrigation: 09
- Narrow Rows: 09
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 09

**Planting Population per Yield Environment**
- Row Type: Low 
  - 30": 28-30,000
  - Narrow: 30-32,000
- Medium: 30-33,000
- High: 33-36,000

**Disease Tolerance**
- Anthracnose: 07
- Sclerotinia: 08
- NCCLB: 08
- NCCLB: 08
- SCLB: 08
- Goss’s Wilt: 08
- Rust: 08

**Nitrogen Utilization - Late**
- 100% Preplant: 02
- Preplant & Sidedress: 04
- Starter & Sidedress: 04

**Notes:**
- **Regional Strengths:** Consistent yield potential with high yield potential
  - Excellent test weight and grain quality
  - Adapts to variable soil types and environments
- **Weaknesses:** Semi flex ear type responds to moderate to higher populations
- **Management Tips:** Plant at moderate to high plant populations to maximize yield
  - Responds to higher management even on marginal acres
  - Responds to late application of nitrogen
- **Corn After Corn Tips:** Deliver late applications of nitrogen and foliar fungicide to maximize yield
**Brand:** A6499

**112 days**

**Input:** STXRIB STX VT2RIB VT2PRO CONV

**Output:** Select Silage Product HEC Conventional

### Genetic Family

- **PRODUCT FEATURES**
  - GDUs to MidPollen: 1362
  - GDUs to Black Layer: 2800
  - Plant Height: Medium Short
  - Leaf Orientation: Semi Upright
  - Ear Height: Medium
  - Ear Flex: Semi Flexible
  - Kernel Texture: Hard
  - Harvest Timing: Early
  - Foliar Fungicide Response: High

- **SOIL ADAPTABILITY**
  - **Clay:** 09
  - **Silt Clay Loam:** 08
  - **Sandy Loam:** 08

- **PLANTING APPLICATIONS**
  - **Silage:** 09
  - **Irrigation:** 10
  - **Narrow Rows:** 08
  - **Corn on Corn:** 08
  - **No Till:** 08
  - **Poorly Drained:** 10

- **DISEASE TOLERANCE**
  - **Anthracnose:** 07
  - **Sclerotinia:** 09
  - **Gray Leaf Spot:** 07
  - **Goss’s Wilt:** 06
  - **Rust:** 07

- **PLANTING POPULATION PER YIELD ENVIRONMENT**
  - **Row Type:** Low.......Medium.......High
  - **30”:** 28-30,000........30-33,000.........33-36,000
  - **Narrow:** 28-32,000........32-35,000.........36-40,000

- **NITROGEN UTILIZATION - LATE**
  - **02:** 100% Preplant
  - **04:** Preplant & Sidedress
  - **04:** Starter & Sidedress

### AGRONOMIC RATING

- **TEST WEIGHT:** 09
- **EMERGENCE:** 08
- **DROUGHT TOLERANCE:** 10
- **DRENCH:** 08
- **ROOT STRENGTH:** 08
- **STEM STRENGTH:** 08

**NOTES:**

- **STRENGTHS**
  - Excellent yield stability in high stress environments
  - Outstanding grain quality and test weight
  - Versatile hybrid adapted to all production systems

- **WEAKNESSES**
  - Average green snap rating

- **MANAGEMENT TIPS**
  - Excellent emergence allows for early planting and no-till systems
  - Utilize on a wide range of soils
  - Harvest early to maintain yield and grain quality

- **CORN AFTER CORN TIPS**
  - Responds to late applications of nitrogen and foliar fungicide

---

**Brand:** A6501

**112 days**

**Input:** RR CONV

**Output:** HEC Conventional

### Genetic Family

- **PRODUCT FEATURES**
  - GDUs to MidPollen: 1354
  - GDUs to Black Layer: 2830
  - Plant Height: Medium
  - Leaf Orientation: Semi Upright
  - Ear Height: Medium
  - Ear Flex: Flexible
  - Kernel Texture: Hard
  - Harvest Timing: Normal
  - Foliar Fungicide Response: Moderate

- **SOIL ADAPTABILITY**
  - **Clay:** 08
  - **Silt Clay Loam:** 10
  - **Sandy Loam:** 08
  - **Silt Loam:** 08
  - **Sandy Loam:** 08
  - **Sand:** 08

- **PLANTING APPLICATIONS**
  - **Silage:** 08
  - **Irrigation:** 10
  - **Narrow Rows:** 09
  - **Corn on Corn:** 08
  - **No Till:** 08
  - **Poorly Drained:** 08

- **DISEASE TOLERANCE**
  - **Anthracnose:** 09
  - **Sclerotinia:** 09
  - **Gray Leaf Spot:** 08
  - **Goss’s Wilt:** 07
  - **Rust:** 08

- **PLANTING POPULATION PER YIELD ENVIRONMENT**
  - **Row Type:** Low.......Medium.......High
  - **30”:** 26-30,000........30-32,000.........32-34,000
  - **Narrow:** 28-32,000........33-34,000.........34-36,000

### AGRONOMIC RATING

- **TEST WEIGHT:** 09
- **EMERGENCE:** 07
- **DROUGHT TOLERANCE:** 08
- **DRENCH:** 08
- **ROOT STRENGTH:** 08
- **STEM STRENGTH:** 08

**NOTES:**

- **STRENGTHS**
  - Outstanding yield potential with a strong agronomic package
  - Food grade quality hybrid with excellent test weight
  - Great ear flex at moderate plant populations

- **WEAKNESSES**
  - Average emergence and vigor in cool, wet soils

- **MANAGEMENT TIPS**
  - Delay planting until soils are warm
  - Place in high management systems on well-drained soils
  - Adapts to most cropping or tillage systems

- **CORN AFTER CORN TIPS**
  - Responds to late applications of nitrogen and foliar fungicide
**BRAND**

**A643-41**

**113 days NEW**

**INPUT**

CONV

**OUTPUT**

Conventional

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1392
- GDUs to Black Layer: 2815
- Plant Height: Medium Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flaxible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

- Clay (08)
- Clay Loam (08)
- Silty Clay Loam (08)
- Clay Loam (08)
- Sandy Loam (08)
- Sand (08)

**PLANTING APPLICATIONS**

- Silage (08)
- Irrigation (08)
- Narrow Rows (08)
- Corn on Corn (08)
- No-Till (09)
- Poorly Drained (09)

**DISEASE TOLERANCE**

- Anthracnose (07)
- Sclerotinia (07)
- NCLB (07)
- Gray Leaf Spot (08)
- Goss's Wilt (09)
- Rust (09)

**NOTEs:**

- Exceptional yields throughout area of adaptation
- Very good Goss's Wilt tolerance and greensnap rating
- Adapts to most soil types
- Average stalk anthracnose tolerance
- Excellent emergence allows for early planting and no-till systems
- Best performance in primary area of adaptation
- Place in well drained soils
- Not adapted for continuous corn

**BRAND**

**A643-87**

**113 days**

**INPUT**

AS3220EZ

**OUTPUT**

**GENETIC FAMILY**

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1423
- GDUs to Black Layer: 2830
- Plant Height: Tall
- Leaf Orientation: Horizontal
- Ear Height: Medium
- Ear Flex: Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

- Clay (08)
- Clay Loam (08)
- Silty Clay Loam (08)
- Clay Loam (08)
- Sandy Loam (08)
- Sand (08)

**PLANTING APPLICATIONS**

- Silage (08)
- Irrigation (08)
- Narrow Rows (08)
- Corn on Corn (08)
- No-Till (09)
- Poorly Drained (09)

**DISEASE TOLERANCE**

- Anthracnose (07)
- Sclerotinia (07)
- NCLB (07)
- Gray Leaf Spot (08)
- Goss's Wilt (09)
- Rust (09)

**NOTEs:**

- Outstanding emergence and early season vigor
- Excellent ear flex allows for varying plant populations
- Adapts to a wide range of soil types
- Average GLS tolerance
- Manage plant health with fungicide under heavy disease pressure
- Plant early to take advantage of good emergence & vigor
- Place in fields with history of Western Bean and Black Cutworm
- Responds to late applications of nitrogen and foliar applied fungicide
**BRAND**

**A644-32**

114 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDDs to Mid Pollen</td>
<td>1400</td>
</tr>
<tr>
<td>GDDs to Black Layer</td>
<td>2815</td>
</tr>
<tr>
<td>Plant Height</td>
<td>Medium Tall</td>
</tr>
<tr>
<td>Leaf Orientation</td>
<td>Horizontal</td>
</tr>
<tr>
<td>Ear Height</td>
<td>Medium High</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-Flexible</td>
</tr>
<tr>
<td>Kernel Texture</td>
<td>Medium Hard</td>
</tr>
<tr>
<td>Harvest Timing</td>
<td>Normal</td>
</tr>
<tr>
<td>Foliar Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Clay Loam</td>
<td></td>
</tr>
<tr>
<td>Silty Clay Loam</td>
<td></td>
</tr>
<tr>
<td>Silt Loam</td>
<td></td>
</tr>
<tr>
<td>Sandy Loam</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
</tr>
</tbody>
</table>

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>30”</td>
<td>26-28,000</td>
<td>29-31,000</td>
<td>32-34,000</td>
</tr>
<tr>
<td>Narrow</td>
<td>28-30,000</td>
<td>31-33,000</td>
<td>34-36,000</td>
</tr>
</tbody>
</table>

**NITROGEN UTILIZATION - LATE**

<table>
<thead>
<tr>
<th>Year</th>
<th>Preplant</th>
<th>Preplant &amp; Sidedress</th>
<th>Starter &amp; Sidedress</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AGRONOMIC RATING**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Weight</td>
<td>9</td>
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<tr>
<td>Emergence</td>
<td>9</td>
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<tr>
<td>Drought Tolerance</td>
<td>8</td>
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<tr>
<td>Drop Down</td>
<td>9</td>
</tr>
<tr>
<td>Root Strength</td>
<td>9</td>
</tr>
<tr>
<td>Stalk Strength</td>
<td>9</td>
</tr>
</tbody>
</table>

**NOTES:**

- **STRENGTHS:** Exceptional yields throughout Central and Southern Corn Belt
- **WEAKNESSES:** Very good health, stay green and late season plant intactness
- **MANAGEMENT TIPS:** Tremendous test weight and grain quality
- **CORN AFTER CORN TIPS:** Split nitrogen applications for maximum yield potential

**BRAND**

**A6572**

114 days

**GENETIC FAMILY**

**PRODUCT FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDDs to Mid Pollen</td>
<td>1435</td>
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<tr>
<td>GDDs to Black Layer</td>
<td>2835</td>
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<tr>
<td>Plant Height</td>
<td>Medium</td>
</tr>
<tr>
<td>Leaf Orientation</td>
<td>Semi Upright</td>
</tr>
<tr>
<td>Ear Height</td>
<td>Medium</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-Flexible</td>
</tr>
<tr>
<td>Kernel Texture</td>
<td>Hard</td>
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<tr>
<td>Harvest Timing</td>
<td>Normal</td>
</tr>
<tr>
<td>Foliar Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**AREA OF ADAPTABILITY**

**SOIL ADAPTABILITY**

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Clay Loam</td>
<td></td>
</tr>
<tr>
<td>Silty Clay Loam</td>
<td></td>
</tr>
<tr>
<td>Silt Loam</td>
<td></td>
</tr>
<tr>
<td>Sandy Loam</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
</tr>
</tbody>
</table>

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>30”</td>
<td>28-30,000</td>
<td>30-32,000</td>
<td>32-34,000</td>
</tr>
<tr>
<td>Narrow</td>
<td>28-30,000</td>
<td>30-32,000</td>
<td>32-34,000</td>
</tr>
</tbody>
</table>

**NITROGEN UTILIZATION - LATE**

<table>
<thead>
<tr>
<th>Year</th>
<th>Preplant</th>
<th>Preplant &amp; Sidedress</th>
<th>Starter &amp; Sidedress</th>
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<tbody>
<tr>
<td>2002</td>
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</tr>
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</tbody>
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**AGRONOMIC RATING**

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<th>Trait</th>
<th>Rating</th>
</tr>
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<tbody>
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</tr>
<tr>
<td>Emergence</td>
<td>9</td>
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<tr>
<td>Drought Tolerance</td>
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</tr>
<tr>
<td>Drop Down</td>
<td>9</td>
</tr>
<tr>
<td>Root Strength</td>
<td>9</td>
</tr>
<tr>
<td>Stalk Strength</td>
<td>9</td>
</tr>
</tbody>
</table>

**NOTES:**

- **STRENGTHS:** Exceptional yields throughout Central and Southern Corn Belt
- **WEAKNESSES:** Very good health, stay green and late season plant intactness
- **MANAGEMENT TIPS:** Tremendous test weight and grain quality
- **CORN AFTER CORN TIPS:** Split nitrogen applications for maximum yield potential

**CORN AFTER CORN TIPS:**

- Responds favorably to foliar fungicide application in high disease environment
### Brand A6573

**Days:** 114

**Area of Adaptability**

**Soil Adaptability**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 08
- Silt Loam: 08
- Sandy Loam: 08
- Sand: 08

**Planting Population Per Yield Environment**
- Row Type: Low, Medium, High
- 30°: 26-30,000, 30-33,000, 33-36,000
- Narrow: 30-32,000, 32-34,000, 34-36,000

**Nitrogen Utilization**
- Flexible

**Disease Tolerance**
- Anthracnose: 08
- Sclerotinia: 08
- NCR: 08
- Gray leaf spot: 08
- Goss's Wilt: 08
- Rust: 06

**Agronomic Rating**
- Test Weight: 07
- Emergence: 09
- Drought Tolerance: 06
- Dry Down: 07
- Root Strength: 08
- Stalk Strength: 09

**Product Features**
- GDUs to Mid-Pollen: 1495
- GDUs to Black Layer: 2830
- Plant Height: Medium Tall
- Leaf Orientation: Horizontal
- Ear Height: Medium
- Ear Flex: Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Input**
- VT3PRIB
- VT2RIB

**Output**
- Select Silage Product

**Notes:**

**Regional**

**Strengths**
- Superior hybrid with outstanding yield potential
- Excellent ear flex allows for high yield levels at varying plant populations
- Ideal combination of yield potential and agronomics

**Weaknesses**
- Average test weight

**Management Tips**
- Best suited for moderate to well-drained soils
- Plant at medium to high populations to maximize yields
- Excellent choice for continuous corn with increased management

**Corn After Corn Tips**
- Plant first to take advantage of agronomic package for early planting

### Brand A6579

**Days:** 114

**Area of Adaptability**

**Soil Adaptability**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 08

**Planting Population Per Yield Environment**
- Row Type: Low, Medium, High
- 30°: 26-30,000, 30-33,000, 33-36,000
- Narrow: 30-32,000, 32-34,000, 34-36,000

**Nitrogen Utilization**
- Late

**Disease Tolerance**
- Anthracnose: 08
- Sclerotinia: 08
- NCR: 08
- Gray leaf spot: 08
- Goss's Wilt: 08
- Rust: 05

**Agronomic Rating**
- Test Weight: 08
- Emergence: 07
- Drought Tolerance: 09
- Dry Down: 08
- Root Strength: 08
- Stalk Strength: 07

**Product Features**
- GDUs to Mid-Pollen: 1475
- GDUs to Black Layer: 2820
- Plant Height: Medium
- Leaf Orientation: Upright
- Ear Height: Medium
- Ear Flex: Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Early
- Foliar Fungicide Response: High

**Input**
- STXrib
- VT2RIB

**Output**
- HEC

**Notes:**

**Regional**

**Strengths**
- Outstanding yield potential with strong agronomic package
- Adapts to various soils and environments
- Improved green snap tolerance

**Weaknesses**
- Thin canopy due to upright leaf orientation

**Management Tips**
- Spray fungicide to maintain all leaf area possible
- Responds to higher management under higher yield environments
- Best suited for crop rotation systems

**Corn After Corn Tips**
- Responds favorably to foliar fungicide application
**Brand:** A6619  
114 days

**Genetic Family:** GXH

**Product Features:**
- GDUs to Mid-Pollen: 1480
- GDUs to Black Layer: 2867
- Plant Height: Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flex: Semi Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: High

**Agronomic Rating:**
- Test Weight: 10
- Emergence: 08
- Drought Tolerance: 10
- Root Strength: 08
- Stalk Strength: 08

**Soil Adaptability:**
- Clay Loam: 08
- Silt Loam: 08
- Sandy Loam: 08
- Sand: 08

**Planting Applications:**
- Seage: 09
- Irrigation: 07
- Narrow Rows: 08
- Corn on Corn: 09
- No Till: 09
- Poorly Drained: 09

**Disease Tolerance:**
- Anthracnose: 08
- Sclerotinia: 09
- NCLB: 08
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 06

**Area of Adaptability:**
- Map showing the geographical area where the hybrid is adapted.

**Notes:**
- Adaptable to large geography with great yield potential.
- Good Goss’s Wilt tolerance.
- Excellent green snap tolerance.

**Brand:** A645-10  
115 days

**Genetic Family:** GXF

**Product Features:**
- GDUs to Mid-Pollen: 1640
- GDUs to Black Layer: 2945
- Plant Height: Medium
- Leaf Orientation: Semi Upright
- Ear Height: Medium
- Ear Flex: Semi Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Agronomic Rating:**
- Test Weight: 09
- Emergence: 08
- Drought Tolerance: 09
- Root Strength: 08
- Stalk Strength: 09

**Soil Adaptability:**
- Clay: 08
- Clay Loam: 08
- Silt Clay Loam: 09
- Silt Loam: 09
- Sandy Loam: 09
- Sand: 08

**Planting Applications:**
- Seage: 07
- Irrigation: 10
- Narrow Rows: 08
- Corn on Corn: 08
- No Till: 08
- Poorly Drained: 09

**Disease Tolerance:**
- Anthracnose: 09
- Sclerotinia: 09
- NCLB: 09
- Gray Leaf Spot: 08
- Goss’s Wilt: 07
- Rust: 07

**Area of Adaptability:**
- Map showing the geographical area where the hybrid is adapted.

**Notes:**
- High yield potential over a broad range of environments.
- Very good drought tolerance.
- Excellent grain quality and test weight.

**Regional Strengths:**
- Adapted to all cropping systems.

**Regional Weaknesses:**
- Average green snap tolerance.

**Management Tips:**
- Delay planting until soils are warm.
- Utilize on a wide range of soils.
- Adapted to all cropping systems.

**Corn After Corn Tips:**
- Responds favorably to foliar fungicide application in high disease environment.
**BRAND**

**A646-12**

116 days **NEW**

**GENETIC FAMILY**

**INPUT**

STX2RIB  VT2RIB  VT2PRO

**OUTPUT**

HEC

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1487
- GDUs to Black Layer: 2840
- Plant Height: Medium Tall
- Leaf Orientation: Semi-Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flexible
- Kernel Texture: Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>30&quot;</td>
<td>28-30,000</td>
<td>30-32,000</td>
<td>32-34,000</td>
</tr>
<tr>
<td>Narrow</td>
<td>32-34,000</td>
<td>34-36,000</td>
<td></td>
</tr>
</tbody>
</table>

**NITROGEN UTILIZATION - EARLY**

- 04: 100% Preplant
- 04: Preplant & Sidedress
- 03: Starter & Sidedress

**DISEASE TOLERANCE**

- Anthracnose: 08
- Sclerotinia: 08
- NC: 08
- Gray Leaf Spot: 08
- Goss's Wilt: 08
- Rust: 08

**STRENGTHS**

- Excellent test weight with very good ear flex
- Excellent greensnap tolerance with very good stalk and root strength

**WEAKNESSES**

- Average performance under droughty soils and conditions

**MANAGEMENT TIPS**

- Plant at low to moderate populations to maximize yields
- Utilize as a full season silage hybrid

**CORN AFTER CORN TIPS**

- Responds favorably to foliar fungicide application in high disease environment

---

**BRAND**

**A6652**

116 days

**GENETIC FAMILY**

**INPUT**

STX2RIB  VT2RIB

**OUTPUT**

**PRODUCT FEATURES**

- GDUs to Mid-Pollen: 1485
- GDUs to Black Layer: 2836
- Plant Height: Medium Tall
- Leaf Orientation: Semi-Upright
- Ear Height: Medium High
- Ear Flex: Semi-Flexible
- Kernel Texture: Medium
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**PLANTING POPULATION PER YIELD ENVIRONMENT**

<table>
<thead>
<tr>
<th>Row Type</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>30&quot;</td>
<td>22-24,000</td>
<td>24-30,000</td>
<td>30-34,000</td>
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<tr>
<td>Narrow</td>
<td>24-30,000</td>
<td>28-32,000</td>
<td>32-34,000</td>
</tr>
</tbody>
</table>

**NITROGEN UTILIZATION - LATE**

- 04: 100% Preplant
- 04: Preplant & Sidedress
- 04: Starter & Sidedress

**DISEASE TOLERANCE**

- Anthracnose: 08
- Sclerotinia: 08
- NC: 08
- Gray Leaf Spot: 08
- Goss's Wilt: 10
- Rust: 05

**STRENGTHS**

- Tremendous yield stability under variable conditions
- Excellent Goss's Wilt and greensnap tolerance
- Excellent stalk and root strength

**WEAKNESSES**

- Average tolerance to Southern Rust

**MANAGEMENT TIPS**

- Responds to moderate and high plant populations
- Adapts to a wide range of growing conditions
- Responds to late applications of nitrogen

**CORN AFTER CORN TIPS**

- Maximize root growth and protection with use of insecticide
### A6659

**Platinum**

**Brand**: A6659

**Genetic Family**: GXF

**Number of Days**: 116

**Input**
- VT2RIB
- VT2PRO
- RR

**Output**
- HEC

**Product Features**
- GDUs to MidPollen: 1490
- GDUs to Black Layer: 2850
- Plant Height: Medium
- Leaf Orientation: Upright
- Ear Height: Medium
- Ear Flexibility: Flexible
- Kernel Texture: Medium Hard
- Harvest Timing: High
- Foliar Fungicide Response: Medium

**Agronomic Rating**
- Test Weight: 09
- Emergence: 09
- Drought Tolerance: 08
- Dry Down: 08
- Root Strength: 08
- Stalk Strength: 09

**Soil Adaptability**
- Clay: 08
- Clay Loam: 08
- Silty Clay Loam: 10
- Silt Loam: 10
- Sandy Loam: 08
- Sand: 07

**Planting Applications**
- 100% Preplant: 08
- Preplant & Sidedress: 07

**Disease Tolerance**
- Anthracnose: 07
- Sclerotinia: 09
- NBR: 09
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 08

**Notes**
- Exceptional yield potential across primary area of adaptation
- Excellent test weight and grain quality
- Adapted to a wide range of soil types and environments

**Strengths**
- Moderate sensitivity to sulfonylurea herbicides

**Weaknesses**
- Medium sensitivity to sulfonylurea herbicides

**Management Tips**
- Adapted to a wide range of soils
- Responds to late applications of nitrogen
- Keep grain segregated for possible premium opportunities

**Corn After Corn Tips**
- Responds to late nitrogen applications and foliar fungicides

### A647-46

**Limited**

**Brand**: A647-46

**Genetic Family**: GXF

**Number of Days**: 117

**Input**
- STX

**Output**
- HEC

**Product Features**
- GDUs to MidPollen: 1516
- GDUs to Black Layer: 2093
- Plant Height: Tall
- Leaf Orientation: Semi Upright
- Ear Height: Medium High
- Ear Flexibility: Semi Flexible
- Kernel Texture: Hard
- Harvest Timing: Normal
- Foliar Fungicide Response: Moderate

**Agronomic Rating**
- Test Weight: 10
- Emergence: 09
- Drought Tolerance: 09
- Dry Down: 08
- Root Strength: 10
- Stalk Strength: 10

**Soil Adaptability**
- Clay: 10
- Clay Loam: 10
- Silty Clay Loam: 10
- Silt Loam: 09
- Sandy Loam: 09
- Sand: 08

**Planting Applications**
- 100% Preplant: NA
- Preplant & Sidedress: 08
- 100% Preplant: 08
- Preplant & Sidedress: 07

**Disease Tolerance**
- Anthracnose: 09
- Sclerotinia: 09
- NBR: 09
- Gray Leaf Spot: 08
- Goss’s Wilt: 08
- Rust: 07

**Notes**
- Outstanding yield potential with a strong agronomic package
- Excellent stalks, roots, and late season staygreen
- Excellent early vigor and greenseam tolerance

**Strengths**
- Average tolerance to Southern Rust

**Weaknesses**
- Average tolerance to Southern Rust

**Management Tips**
- Excellent emergence allows for early planting and no-till systems
- Utilize on a wide range of soil types
- Split nitrogen applications for maximum yield potential

**Corn After Corn Tips**
- Excellent choice for continuous corn with increased management
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<th>FIELD GX</th>
<th>ENHANCED OR INPUT TRAIT</th>
<th>MATURITY</th>
<th>POTENTIAL YIELD</th>
<th>STANDABILITY</th>
<th>LEAF DISEASE RESISTANCE</th>
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**Input and Output Trait Technology Legend**
- STXRII: SmartStax® RIB Complete® Core Blend
- STX: SmartStax® Corn
- VT3PRO: Growtm™ VT Triple PRO® RIB Complete® Core Blend
- VT3PRO: Growtm™ VT Triple PRO® Core
- VPIERAS: Agrisure® Viptera® 3111
- VPIERAS: Agrisure® Viptera® 3111
- VPIERAS: Agrisure® Viptera® 3220A E-Z Refuge®
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Ratings are based on other AgriGold hybrids
1 = Our lowest rating in the category  10 = Our best rating in the category  N.R. = Not Recommended

Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
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Ratings are based on other AgriGold hybrids
1 = Our lowest rating in the category  10 = Our best rating in the category  N.R. = Not Recommended

Graders should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
Hybrids in the specialty series are meant to deliver for growers with specific processing needs. The AgriGold Specialty Products Team works to determine which hybrids are best for your operation. For extensive data and research on our silage and feed products, contact your AgriGold Representative or visit agrigold.com to download the Feed and Silage Book.

**SPECIALTY SERIES**

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**OUR COMMITMENT TO CONVENTIONAL SEED**

AgReliant Genetics uses seed production practices to produce conventional seed with the lowest risk possible concerning GM contamination. Seed fields are chosen to maximize isolation from other corn and are monitored throughout the growing season. AgReliant Quality Assurance then uses standardized seed sampling procedures to ensure a representative sample of each seed lot. This sample is then tested for GM DNA using PCR testing, which is one of the most sensitive tests available. Hybrid units testing 1% or less GM contamination are directed to growers for non-gmo premium markets.

*Food Grade Corn = Hard Endosperm Corn (HEC)*
AgriGold knows the importance of quality silage products for our customers’ feed needs. We use third-party silage testing on our silage products to ensure dairy and livestock producers are confident that our hybrid recommendations will maximize their bottom line. Ratings and characteristics are assigned by AgriGold based on comparisons with other AgriGold products (not competitive products) through in-house and third party field testing.

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For more silage and feed information visit agrigold.com/downloads for our Feed Book or ask your AgriGold Representative.

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Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
Mitigate risk by monitoring your crop all summer long. Work with your local AgriGold Representative and the Advantage Acre® scouting app for enhanced visibility of your fields.

Using these tools can help gain greater insights into your plants’ health along with our complementary tools in collaboration with Climate FieldView™ and MyJohnDeere®.

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<th>GREATER INSIGHT INTO PLANT HEALTH</th>
<th>MITIGATE RISK</th>
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<td>ESTIMATED GROWTH STAGE DEVELOPMENT</td>
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<td>Utilize GDU accumulations and the scouting app to monitor your plants’ health and determine how the plant will mature with this year’s weather forecast.</td>
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<td>DO I NEED TO MODIFY APPLICATIONS?</td>
<td>REVIEW NITROGEN AVAILABILITY</td>
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<td>Advantage Acre’s nitrogen availability tool can help you have a better understanding of the amount of nitrogen available and the amount of loss you have in each field.</td>
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<td>Use imagery to see your fields like never before by using Climate FieldView™’s Field Health Advisor.</td>
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UNCOVER VALUABLE FIELD INSIGHTS
Uncover valuable insights for next season with tools that help you analyze crop performance at the field level or by field zone. Use in-season imagery to identify issues early and take action to protect yield.

The FieldView™ services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management, and farming decisions. Information and recommendations we provide do not modify your rights under insurance policies purchased through our affiliates. More information at http://www.climate.com/disclaimers.
Because of your access to information and enhanced visibility, you can make more informed decisions in-season.

The actionable insights derived from Advantage Acre® and other complementary platforms can help protect yield potential before harvest.

**PROACTIVE APPROACH**

**QUICKER REACTION TO CHALLENGES**

**PRECISION SOLUTION MANAGEMENT**

**REVIEW SCOUTING REPORTS**
Work with your local AgriGold Representative to make in-season decisions based on scouting activity and access in-season imagery through Climate FieldView®’s Field Health Advisor.

**ARE THERE VISIBLE IN-SEASON PRESSURES AND STRESSES?**

**APPLICATION STRATEGY**
Based on scouting notes and weather tracking, access the need for fungicide applications and optimum timing.

**DO I NEED TO APPLY FUNGICIDE?**

**UTILIZE VR NITROGEN**
Our VR nitrogen tool can aid in the estimation of available nitrogen and in the decision to apply more.

**ADDITIONAL NITROGEN APPLICATIONS?**

**OPTIMIZE YOUR INPUTS**
Optimize inputs to maximize yield and profit on every acre with variable rate seeding potential tools, nitrogen management tools and fertility scripting tools.
TOP-NOTCH

INPUT TRAITS

Genetics form the foundation of your seed-buying decisions. Matching the right genetic families and hybrids to your unique operation is the first step to a successful corn crop. Once the right hybrids are selected, protecting that yield with the right traits is the next step. AgriGold offers a simple approach to the complicated trait offerings in the industry, ranging from time-tested conventional products to the latest technologies.

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INPUT AND OUTPUT TRAIT TECHNOLOGY LEGEND

STXRIB SmartStax® RIB Complete® Corn Blend
STX SmartStax® Corn
VT3PRIB Genuity® VT Triple PRO® RIB Complete® Corn Blend
VT3PRO Genuity® VT Triple PRO® Corn
WXYVT3PRO Waxy Genuity® VT Triple PRO® Corn
Viptera® 3111 Agrisure Viptera® 3111
VT2RIB01 DroughtGard® VT Double Pro® RIB Complete® Corn Blend
VT2RIB1 Agrisure Viptera® 3220A-EZ Refuge®
TRCRIB Transpire™ RIB Complete® Corn Blend
TRC Transpire™
VT2RIB VT Double Pro® RIB Complete® Corn Blend
WXVT2PRO Waxy VT Double Pro®
Developing hybrids to match specific environments is our business. That's why many of AgriGold’s high-yielding hybrids meet the unique and varied output grain specifications of today’s buyers. Our Specialty Products Team is constantly working with these buyers to determine the best hybrids for their processing needs.


All AgriGold products are treated with a fungicide/insecticide package containing Poncho® 250. Products may also be available with VOT1VO® and Poncho® 500 or Poncho® 1250 and Acceleron®. Check with your AgriGold Representative about seed treatment options. Not all products and grade sizes are available in all treatments.
AgriGold works with industry leading trait providers to offer the very best protection from pests that rob yield. We sort through all available platforms to offer protection at the right level no matter the conditions faced.

Understanding the pests and the risk potential each can have on your crop's yield allows the selection of the right trait for your needs. The following information is a quick comparison of AgriGold’s trait offering and competitive traits. As a corn grower, it is important that you understand what insect protection, refuge requirements and herbicide tolerances are available with each platform. This knowledge is priceless!

**8 trait max protection with 5% RIB**

*The all-in-one corn trait with root, stalk & ear protection*

**Unmatched above ground insect control with 3 modes of action to manage Corn Earworm pressure**

**2 modes of above-ground protection with rootworm protection and 10% RIB**

*Controls Corn Earworm & provides a 20% refuge in the South*

**2 modes of insect protection for better above-ground control**

**Requires 20% structured refuge**

*A breakthrough in insect control that provides control of 16 damaging insect pests*

**2 modes of action against ear-feeding corn insects and corn borer to reduce mycotoxin contamination**

*Ideal for areas where corn rootworm management is not a key need*

**Paired with VT Double PRO®, DroughtGard® products can reduce risk in reduced water environments**

**Roundup® / glyphosate tolerant**

*Manage weeds with Roundup Ready® Corn 2*

**2 modes of action against ear-feeding corn insects and corn borer to reduce mycotoxin contamination**

*Paired with Artesian™ to maximize yield when it rains and increase yield when it doesn’t*

**Our elite genetics offered without traits**

---

*Refuge in-the-bag for Corn Belt only.*
## Trait Mode of Action Comparison

<table>
<thead>
<tr>
<th>Trait</th>
<th>Smartstax® Rib Complete®</th>
<th>Genuity® VT Triple Pro® Rib Complete®</th>
<th>Agrisure Viptera® 3111</th>
<th>Trecepta® Rib Complete®</th>
<th>Agrisure Viptera® 3220 E-Z Refuge®</th>
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Mode of Action (MOA) = Control of Pest
- ● Single mode-activity
- ●● Dual mode-activity
- ●●● Triple mode-activity

DuPont Pioneer claims suppression of corn earworm on the Optimum® AcreMax®, Optimum® AcreMax®, and Optimum® AcreMax® Xtreme labels. Syngenta claims suppression of corn earworm with Bt11. Suppression of pests is not listed above.
## Genuity Corn Technology

AgriGold is excited to offer the newest and most comprehensive family of traits available for the 2019 planting season. AgriGold’s elite genetics protected by today’s leading corn trait systems allows you to do what you do best and do it better.

### SmartStax RIB Complete

**Recommended for:**
- Consistent insect pressure from both above and below ground pests
- Insect protection including corn earworm and western bean cutworm
- Farmers wanting to reduce risk
- Farmers that want the lowest refuge requirement
- Farmers who want simple in-the-bag refuge

**The All-in-one Corn Trait with Root, Stalk, & Ear Protection**
- Dual modes of protection against corn rootworm
- More modes-of-action against primary pests and 5% in-the-bag refuge* requirements can protect more acres allowing for more yield opportunity
- Roundup Ready® 2 Technology and LibertyLink® herbicide tolerance to enable broad-spectrum weed control

### VT Triple Pro’s Corn RIB Complete

**Recommended for:**
- Consistent above ground insect pressure, specifically corn earworm and single mode-of-action for below ground protection
- Opportunity for improved yields and grain quality
- Gives farmers in the South the opportunity to reduce their refuge acres from 50% to 20%, which can increase profitability on their farms

**Controls Corn Earworm & Requires a 20% Refuge in the South**
- Provides a broader spectrum of insect control for above and below ground insects, including corn earworm, resulting in higher yield potential and better grain quality potential
- It is the industry’s first dual mode-of-action, above-ground insect protection in corn, stacked with below ground insect protection and Roundup Ready® 2 Technology
- Only 10% in-the-bag refuge* requirements in the corn belt can increase whole farm profitability

### DroughtGard® Hybrids

**Recommended for:**
- Managing risk of yield loss when drought stress occurs
- Minimizing risk associated with weather
- Helping corn plants resist drought stress & minimize the risk of drought conditions

**Maximize Yield Potential in Drought Conditions**
- The DroughtGard® Hybrids trait is a part of a systems approach that combines best agronomic recommendations, germplasm selected for top-end yield potential and superior drought tolerance characteristics. The DroughtGard® Hybrids gene helps the plant create proteins that are essential for growth, helping to support yield opportunity when water is scarce.

### Trecepta<sup>™</sup>

**Recommended for:**
- Farmers that seek superior corn earworm and more cutworm control over other above ground traits on the market

**Yield Loss by Protecting Kernels**
- The first technology to target corn earworm with 3 modes of built-in action, Trecepta™ reduces yield loss by protecting kernels from a wide range of pests. Built on the proven VT Double PRO® technology, Trecepta™ gives you more complete control against above-ground insects.

### VT Double Pro® RIB Complete

**Recommended for:**
- Farmers that choose above ground protection only
- First-year corn rotations
- Farmers who want simple in-the-bag refuge

**Two Modes of Insect Protection for Better Above Ground Control**
- Dual modes-of-action for above ground protection for control of more primary pests including corn earworm and fall armyworm
- Only 5% in-the-bag refuge* requirements in the Corn Belt can increase whole farm profitability

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*Structured refuge required in the South and Corn Belt. See www.nwga.com/irm-calculator for refuge requirements.
**Some products may be available as non RIB. Contact your seed representative for availability and for refuge information.
The Agrisure® traits portfolio offers technologies that have been developed to provide best-in-class insect control, water optimization and exceptional herbicide tolerance in corn.

Agrisure traits can help manage a broad-spectrum of pests while unleashing the genetic potential of your hybrids to grow more, higher-quality grain resulting in satisfied customers year after year.

**ADVANTAGES OF AGRISURE VIPTERA®**

The Agrisure Viptera® 3111 trait stack controls 16 above- and below-ground quality robbing insects including corn borer, corn rootworm, fall armyworm and the multi-pest complex. This demonstrated, market-leading control is a result of a combination of the Agrisure® 3000GT triple stack and the Agrisure Viptera® trait and offers the freedom to choose either glyphosate or glufosinate herbicide technology. Growers using this trait are required to use 20% structured refuge.

The Agrisure Viptera® 3220 E-Z Refuge® trait stack offers corn growers multiple modes of action against a broad spectrum of lepidopteran pests and European corn borer with a 5% integrated, single-bag refuge. Hybrids with the Agrisure Viptera® 3220 trait stack are intended for geographies where corn rootworm management is not a primary issue. Growers planting Agrisure Viptera® 3220 E-Z Refuge® in cotton-growing regions will need to plant a supplemental 20% refuge.

The Agrisure Viptera® 3220A E-Z Refuge® trait stack controls ear-feeding corn insects and corn borer to reduce mycotoxin contamination by limiting insect feeding damage, with an integrated refuge and season-long water optimization that protects the quality of grain paired with Artesian™ technology for reduced stress during drought conditions.

**SIGNIFICANTLY REDUCES MYCOTOXIN AND AFLATOXIN CONTAMINATION**

**PROTECTS THE QUALITY OF GRAIN BY LIMITING INSECT DAMAGE**

**AVAILABLE IN E-Z REFUGE® PRODUCTS AND WATER-OPTIMIZING AGRISURE ARTESIAN® HYBRIDS**

**CONTROLS KEY ABOVE-GROUND INSECTS:**
- Corn Earworm
- Cutworm
- Armyworm
- Corn Borer
AgriGold has been a leader in bringing our customers the latest and most innovative seed treatments. The improved plant protection and increased yield results of our multi-year seed treatment studies made Acceleron® seed treatment the standard for AgriGold. Every bag of AgriGold will be treated with the best fungicide and insecticide package to protect your corn from soil-borne disease and insects. The Acceleron® treatment package will build on the outstanding results you have come to expect from AgriGold treated products.

### AVAILABLE OPTIONS

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**TYPES OF NEMATODES**

**ENDOPARASITE – PENETrATES COMPLETELY INTO A ROOT**

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**ECTOPARASITE – PIERCES THE ROOT**

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**WHAT ARE THEY?**

Microscopic roundworms
Less than 1/100th inch
Live in soil and roots
2 to 4 week life cycle; several generations/year

**DAMAGE**

Root feeding on main, lateral and root hairs
Facilitating bacterial and fungal infections
Transmitting viruses

**SYMPTOMS**

Stunting (disease)
Chlorosis (malnutrition)
Wiling (drought)
No symptoms

**Damage**

Stunting (disease)
Chlorosis (malnutrition)
Wiling (drought)
No symptoms

**SYMPTOMS**


**AGRIGOLD’S PREMIUM REPLANT PROGRAM**

Treat 100% of your corn order with Acceleron® VOTIVO® and know that your seed is protected with AgriGold’s Premium Replant Program. Investing in higher levels of seed treatment and nematode protection means that AgriGold will provide 100% replant at no cost* for all qualifying replant claims.

Customers that utilize Acceleron® with Poncho® 250 qualify for AgriGold’s Standard Replant program covering a portion of the replant cost.

Ask your AgriGold Representatives on ways to maximize your seed treatments and replant protection.

*Upgrades in traits or treatments on replant seed may be subject to additional charges.
NCGA Corn Yield Contest Winners

The NCGr National Corn Yield Contest has been organized to encourage the development of new, sustainable and innovative management practices resulting in higher yields and to show the importance of using sound cultural practices in United States corn production. AgriGold is a proud supporter of the Yield Contest and congratulates our state and national winners. They are true Yield Masters.

NCGA National Winners

Randy Dowdy
Valdosta, Georgia
A6499STX 406.1 BPA

Bridget Dowdy
Valdosta, Georgia
A6499STX 389.0 BPA

NCGA State Winners

<table>
<thead>
<tr>
<th>GROWER</th>
<th>STATE</th>
<th>BRAND</th>
<th>YIELD</th>
</tr>
</thead>
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<tr>
<td>Bobby Woodall</td>
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</table>

In addition to the NCGr national winner list, we also want to acknowledge those growers who put in extra time, money and effort who were just shy of making the top 3 of the NCGr contest of their specific class with AgriGold products. AgriGold thanks this group of Yield Masters and considers them to be on the AgriGold Honorable Mention list for 2017.

NCGA Honorable Mention

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<td>Howard Rippy</td>
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</table>
AgriGold knows that getting big yields isn’t easy. It requires a lot of time, patience, and knowledge about your fields and what you’re planting in them. You’ve got to really dig deep, get under the hood, and understand what it takes to get the best results no matter what your field throws your way. That’s the spirit that embodies the AgriGold Yield Masters. A Yield Master isn’t someone who just grows corn—it’s someone who is devoted to their craft; dedicated to overcoming obstacles and staying ahead of the curve.

It’s not a club; it’s a way of life.

AgriGold’s access to worldwide genetic research, along with our library of agronomic knowledge and current practices, gives you the tools to succeed. If you’re planting AgriGold you already understand the importance of arming yourself with everything needed to minimize risk and maximize yield. You’re taking the necessary steps to master your fields and reach new levels. It takes a certain kind of farmer to recognize that there’s a difference between simply getting the job done and being the best you can at what you do.

Yield Masters work with their AgriGold Representative & Agronomist to:

- Communicate with other AgriGold growers
- Share knowledge, tips & success stories
- Keep up to date with the latest agronomy practices, special events, and promotions
- Raise overall farm yields

Learn more at agrigold.com/yield-masters
AD V A N TA G E  A C R E
HARVEST

Collecting harvest and yield data confirms visual cues on critical decisions made in your seed and agronomic plans.

Visual inspection from the combine along with in-cab analysis tools provide instant feedback.

REVIEW SCOUTING REPORTS
Advantage Acre’s scouting app has a unique feature to help you gauge your crop progress by estimating your yield potential.

UTILIZE ESTIMATED STAGE DEVELOPMENT
The timeline feature in Advantage Acre will calculate estimated plant stage development to help you make management and harvest timing decisions.

DETAILED WEATHER FORECASTS
Take a look into the future to aid your decision-making to find an optimal harvest window. WeatherTrends360 can help predict when the weather will be most ideal for harvest.

COMPARE
During harvest you can use instant, in-cab features with complimentary Climate FieldView® to help determine which decisions were most productive along with reviewing your Advantage Acre test blocks to validate your populations and plan for next year.
**ADVANTAGE ACRE ANALYZE**

Easily analyze performance by hybrid, functional zone, cation exchange capacity and more by using our advanced analysis features in Advantage Acre® Plus and tools in Climate FieldView®.

Together, both platforms unlock enhanced field visibility to allow you to gain a deeper insight at a field-by-field level.

<table>
<thead>
<tr>
<th>DATA VISUALIZATION</th>
<th>GREATER INSIGHT INTO SEASON SUCCESS</th>
<th>SINGLE SOURCE FOR DATA + ANALYTICS</th>
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<tbody>
<tr>
<td><strong>YIELD RESULTS</strong></td>
<td><strong>VALIDATE TEST BLOCKS</strong></td>
<td><strong>SHOULD I ADJUST MY AGRONOMIC PRACTICES?</strong></td>
</tr>
<tr>
<td>Upload your yield results and review your management practices to determine if the best in-season decisions were made based on productivity.</td>
<td>Review your seeding recommendations to gain greater insight into your seasons successes and determine what changes need to made.</td>
<td><strong>WHAT WAS AN OPTIMAL PLANTING RATE?</strong></td>
</tr>
<tr>
<td><strong>SET OPERATIONAL + BUDGETARY GOALS</strong></td>
<td><strong>HOW DO I REDUCE RISK AND IMPROVE ROI?</strong></td>
<td><strong>WHAT CROPS WILL I PLANT AND WHERE?</strong></td>
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<tr>
<td>Evaluate crop performance using both Advantage Acre and Climate FieldView® to understand performance on every field and compare critical field layers to determine how agronomic practices impacted yield.</td>
<td><strong>WHAT CROPS WILL I PLANT AND WHERE?</strong></td>
<td><strong>WHAT CROPS WILL I PLANT AND WHERE?</strong></td>
</tr>
<tr>
<td>Work with your local AgriGold Representative to help review which hybrids and populations were most successful and create a seed plan for next year.</td>
<td><strong>SET OPERATIONAL + BUDGETARY GOALS</strong></td>
<td><strong>HO</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>DO I REDUCE RISK AND IMPROVE ROI?</strong></td>
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<tr>
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<td><strong>WHAT CROPS WILL I PLANT AND WHERE?</strong></td>
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Field GX Meets Field Variability

Multi-hybrid planting is the next revolution when it comes to increasing whole-farm yields. AgriGold believes that Field Variability and Field GX are two key factors that must be considered when thinking about multi-hybrid planting.

Understanding Field Variability can help our customers evaluate their fields and better anticipate the results of applying precision farming techniques like multi-hybrid planting. The level of Field Variability identified could then determine the yield response for every field. The Field Variability in some locations may be low and some may be extremely high. With this in mind, the benefits and yield responses of a multi-hybrid planting system could have a dramatic range depending on weather conditions and farming practices in a given year.

## Multi-Hybrid Response to Field Variability Impacts Yield Response

Utilizing tools like Advantage Acre®, growers can evaluate a field’s variability and make better management decisions.

Fields with low variability could have very little difference in terrain, have one or two soil types with similar characteristics, and have the same or similar drainage capabilities.

Fields with high variability could have slight-to-large difference in terrain, have multiple soil types with totally different characteristics, and have multiple drainage patterns throughout the field.

### FIELD GX

Remember, Field GX is all about the genetics. Some genetics maximize their yield potential in well-drained soils under given management practices and other genetics can maximize their potential in poorly drained environments with another set of management practices. That is why AgriGold developed Field GX.

Field GX is a genetic system that distinguishes between the different types of AgriGold germplasm. This unique genetic diversity offers growers more choices, reduced risk and is a distinct advantage with AgriGold. The FIELD GX system offers multiple genetic backgrounds that are characterized in families. Currently, we utilize 5 key genetic backgrounds in the portfolio: GXA, GXB, GXF, GXG and GXH.
Utilizing AgriGold’s unique Field GX and superior knowledge of genetics allows for maximum results of practices like multi-hybrid planting. AgriGold finished up its fourth year of testing with multi-hybrid planting technology. The goal of the project is to match management zones within each field with the right Field GX hybrid and maximize yield results.

**MULTI-HYBRID PLANTING SUCCESS**

When breaking it down into defensive advantages vs offensive advantages, a story is being told. The 3 year yield advantage shows most strength of 8 bu./acre when a defensive hybrid is placed correctly in lower producing environments vs an offensive hybrid placed incorrectly in the same lower producing environment. On the flip side, the data is suggesting a 5.98 bu./acre advantage when an offensive hybrid is placed correctly in a higher producing environment vs a defensive hybrid placed incorrectly in the same high producing environment. One thing to notice is the offensive yield advantage increase of 7.14 bu. in 2017, which ironically was the highest yielding year the US has ever experienced.

**MULTI-HYBRID RESULTS (4 year summary)**

AgriGold’s 4 year data in Western Iowa is showing a trend of positive results! When analyzing the overall multi-hybrid yield advantage of 6.9 bu. to date, we have experienced a high of 8.14 bu./acre 2016 vs the lowest advantage of 5.93 bu./acre in 2017, with 2014-15 ranging between 6-7 bu. increase respectively.

<table>
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<th>YEAR</th>
<th>TOTAL MH ADV (BU/AC)</th>
<th>DEF HYBRID ADV (BU/AC)</th>
<th>OFF HYBRID ADV (BU/AC)</th>
<th>NATIONAL YIELD (BU/AC)</th>
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<tr>
<td>AVG</td>
<td>6.9</td>
<td>8.0</td>
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* Data derived from 4 years of AgriGold on farm research in western Iowa

** How do growers get set up with multi-hybrid planting? **

1. Use diversified Agrigold Genetic Families
   Contact your local AgriGold Representative to learn about Field GX or reference pages 8-9 of this guide.

2. Purchase the planting equipment

3. Use Advantage Acre or Precision Ag platform of your choice
   Before choosing, ask if it’s capable of the following:
   - Is it capable of writing a dual-hybrid script?
   - Can it analyze multiple years of yield and soil test data?

AgriGold is proud to offer Advantage Acre® as a digital technology tool for variable rate and multi-hybrid recommendations.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
AgriGold has researched the timing of nitrogen applications to increase yields for many years. Each hybrid utilizes nitrogen differently and selecting the proper application time can help maximize results. Nitrogen timing by hybrid has been tested for three years by Ken Ferrie, an independent crop consultant in central Illinois and Farm Journal Field Agronomist. Ken has confirmed AgriGold’s research that some AgriGold hybrids respond to early application while others respond to later applications of nitrogen.

Each hybrid receives a 1–4 rating for each of the nitrogen programs: 1 = poorest application to maximize hybrids yield potential. 4 = best application to maximize a hybrids yield potential.

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Hybrids generally maximize genetic potential when nitrogen applications are made preplant or very early in the growing season. Hybrids that respond to early applications of nitrogen are categorized as early users of nitrogen.

Hybrids generally maximize genetic potential when nitrogen applications are split applied throughout the growing season. Hybrids that respond to late applications of nitrogen are categorized as late users of nitrogen.
**DID YOU KNOW?**

Many AgriGold hybrids have a natural tolerance to Goss’s Wilt. When tillage and crop rotation aren’t enough, it’s time to bring in the genetic experts. We offer dozens of different hybrids with a high tolerance to help you combat the disease, giving you plenty of smart choices so that you can keep your fields at their best.

---

**MANAGEMENT**

**GOSS’S WILT**

Goss’s Wilt is a western corn pathogen that has been spreading across the Central Corn Belt over the last several years. This bacterium can impact photosynthesis at critical times for plant and ear development, drastically reducing yields. Because there are no treatment options for Goss’s Wilt, the best management practice is to select genetics that have natural tolerance to the disease.

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### Hybrid Performance Table

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1 = Our lowest rating in the category
10 = Our best rating in the category

A hybrid is evaluated and given a rating of 1–10 for each environment with 1 representing poor performance and 10 representing the highest performance.
## Herbicide Adaptation
### Maturity Range 88 to 109 Days

**Pre-Plant, Pre-Emergence & Post-Emergence Herbicides**

| BRAND       | Atrazine | Acroate | Audience Flux™ | Bicrop II Magnum® | Corvus® | Confidant™ Xtra | Degree Xtra® | Dual II Magnum® | Fafadi™ | Guard Master Max® | Harness Xtra® | Lexar® | Lumax® | SureStart® | Triphar® | Verde® | Xtra® | Zilicon® | Zymax® | 2,4-D | Accent® | Cellect® | Copres® | Celebrity Plus® | Diabase ® + Advantage | Horset® | Impact® | Lavel® | Northstar® | Optima® | Realm® | Q△ | Resolve® | Spirit® | Stonemist® | **Halex GT** (RR or GT corn only) |
|-------------|----------|---------|----------------|-------------------|---------|-----------------|--------------|-----------------|---------|-----------------|-------------|--------|--------|-----------|---------|--------|-------|---------|--------|-------|---------|-----------|--------|--------|-------|----------|--------|-------|------|---------|--------|----------|--------------------------|
| A618-90     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A621-77     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6179       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A624-11     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6199       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A625-78     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6217       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6237       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A628-20     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A629-22     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6257       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A630-31     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A631-38     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6267       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A633-94     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6300       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6355       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6326WX     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6346       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6351       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A635-54     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A636-55     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A636-56     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A637-55     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6413       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6416       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A638-74     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A638-84     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A638-94     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6424       |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A6426WX     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |
| A639-40     |          |         |                 |                   |         |                 |              |                 |         |                 |             |        |        |           |         |        |       |         |        |       |         |            |        |        |       |          |        |       |      |         |        |          | **Not Recommended** |

**Key:**
- **Recommended**
- **Not Recommended**
- **Recommended with Caution**

Herbicide adaptation ratings are based on 4 key areas of criteria. (See criteria listed to the right) Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.
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<td>2. Through inbred / hybrid information provided by breeders</td>
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<td>3. In-field hybrid evaluations by Agrigold agronomy team</td>
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<td>4. Practical knowledge of chemistry safety on corn in general</td>
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All orders and sales are subject to the AgriGold® Terms and Conditions of Sale, which include but are not limited to the Limitation of Warranty & Remedy and Agronomic Zone and Planting Year. All Terms and Conditions of Sale are subject to change from time to time without prior notice. For the most up to date Terms and Conditions of Sale, see the AgriGold® website at www.agrigold.com.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Only commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax® RIB Complete® corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL FORMULATIONS OF DICAMBA OR Glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. IN CROP USES MAY NOT BE APPROVED IN ALL STATES. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans.

Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or refer to Monsanto’s Technology Use Guide for recommended weed control programs.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Herculex® Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC.

AgReliant Genetics® and Design, Advantage Acre® and Design, AgriGold® and Design, AgriShield®, Always On™, and Yield Masters Design™ are trademarks of AgReliant Genetics, LLC. Agrisure®, Agrisure Artesian®, Artesian™, Agrisure Viptera®, and E-Z Refuge® are trademarks of a Syngenta Group Company. Acceleron®, DroughtGard®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and
Design®, Roundup Ready®, Roundup®, Roundup Ready 2 Xtend®, SmartStax®, Trecepta™, VT Double PRO®, and VT Triple PRO® are trademarks of Monsanto Technology LLC. ILeVO®, LibertyLink®, Poncho®, VOTiVO®, and the Water Droplet Design® are registered trademarks of Bayer. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. FieldView™ is a trademark of The Climate Corporation. All other trademarks are the property of their respective owners.

Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

XtendiMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System and is a restricted use pesticide for retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator’s certification. ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON HERBICIDE LABELING. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. XtendiMax® herbicide with VaporGrip® Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local Monsanto dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit XtendiMaxApplicationRequirements.com

PATENTS AND ROUNDUP READY® SEEDS

Think Before You Bin-Run Soybeans

Do You Know the Rules Around Planting Roundup Ready® Soybeans Post Patent?

The U.S. patent on the original Roundup Ready soybean trait expired in 2015, and that means there are changes to what soybean seed products U.S. growers can legally save and plant. Did you know that even though the Roundup Ready soybean biotech trait patent has expired, most Roundup Ready seed in the United States may still be covered by other forms of intellectual property?

Remember:

• Patents encourage innovation in new seed technology
• Germi® Roundup Ready 2 Yield® soybeans are still patent protected and cannot be saved
• Soybean seeds may contain multiple forms of intellectual property, not just the trait patent
• Patented seed can only be used according to the permissions granted by the patent holder
• Germplasm may be patent protected. Please refer to your seed bags and bag tags for more information

At this facility, samples of cleaned or conditioned seed batches may be retained or tested to identify the seed and/or provided to third parties upon request.

Monsanto receives hundreds of calls and letters nationwide each year about potential seed compliance matters. Anyone with concerns or questions can anonymously call 1-800-768-6387, option 2. Monsanto receives hundreds of calls and letters nationwide each year about potential seed compliance matters. Anyone with concerns or questions can anonymously call 1-800-768-6387, option 2.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with its BT Product Launch Stewardship Standards, and Monsanto has the license to commercialize Roundup Ready soybeans on its own behalf in accordance with the ETS Standards. The product has been evaluated with emphasis on its potential impact on biodiversity and endangered species. The product was also evaluated with emphasis on its potential impact on human health and safety, and its potential to contaminate other plants or to crossbreed with non-transgenic plants. Invasive weeds, including Roundup Ready® and Roundup Ready 2 Xtend crops, escaped transgenic crops are not known to colonize native, non-transgenic crops. Monsanto has a long history of successful stewardship and crop protection programs. Monsanto is committed to protecting biodiversity and maintaining the integrity of the Roundup Ready soybean crop. Monsanto is committed to protecting biodiversity and maintaining the integrity of the Roundup Ready soybean crop.

Visit WWW.SOYBEANS.COM for more information on the expiration of the original Roundup Ready soybean trait.