

PLANT your LEGACY.



2017 PRODUCT SELECTION GUIDE





**THE EXTRA ATTENTION BURRUS
SPENDS ON SMALL DETAILS MEANS
EXTRA PROFITABILITY FOR YOU.**

THE BEST WAY TO PREDICT THE FUTURE IS TO CREATE IT.

Dear Grower,

First and foremost we are farmers like you — that gives us in-the-field practical know-how that boardroom decision makers just don't have.

Our multi-brand strategy puts us a step ahead of the game.

Providing growers with choice is a big deal. With Burrus, this means you can rotate corn rootworm traits from field to field supporting the long-term durability of CRW Bt. Our single bag refuge products like Optimum® AcreMax® XTreme or Agrisure® 3122 E-Z Refuge® ensure compliance in one step — fill the planter and go!

In soybeans, our strategy provides the option of rotating your herbicide trait system from glyphosate tolerant to LibertyLink® and Roundup Ready 2 Xtend® technologies, reducing the chance of weed resistance while getting the same high quality and service you expect from Burrus. In the near future, we will be offering additional stacked trait beans with two modes of action for more durability, too.

Bigger isn't always better, especially when it comes to seed production! Now after four decades of interplant seed corn production at Burrus and Hughes, we are developing an even better method using a unique 2 and 1 split row system. It allows more sunlight for the highly productive but weak pollinators to produce adequate pollen and maximize seed yields. This unique system allows us to economically produce high yielding hybrids that other companies can't produce in a 4 and 1 planting pattern.

We are old fashioned in that we own much of the land where we produce our seed. This gives us the freedom to create a

new, more productive seed corn production system. Other seed companies must use a 30-inch row pattern as they contract with farmers for their seed production. Higher seed yields and lower seed cost mean more bushels in your bin!

Our seed gets the best treatment. One treatment is to maintain the absolute highest quality during seed production, the second is the best seed treatment applied to the seed coat to protect each kernel from disease, insects and nematodes. Our biologicals stimulate root growth and fast grow off even in cold, wet conditions.

The extra attention Burrus spends on small details means extra profitability for you — things like hooded spraying to improve purity; four-color, color sorting; double gravitying; and pre-harvest methods utilized to control seed size and improve cold germination. And those are just a few on the list. We have furnished 100% free replant for over 80 years because we are just as interested in you getting a stand as you are.

Other seed companies would view these as upgrades or extra-mile services. Not here! We also have a testing program designed to identify the highest performing products for your local area. We understand that not every acre you farm is flat and black. Nationwide companies only test on the most productive soils, then choose products that can go far and wide. Those products are good, but often not the very best for your soils and management style.

Our Crop Optimization Planner (COP) through MyFarmsSM is an easy-to-use tool that combines farm knowledge and data with our product knowledge and experience for your individual fields. We can create prescription planting plans to vary your population by soil type and management zone all



on the go. We can even write a prescription to change hybrids automatically — you don't have to worry about anything except driving.

Finished planting your corn? Go right ahead and plant your soybeans! PowerShield® seed treatment for soybeans includes fungicides, insecticides, Phytophthora suppression, and biologicals to encourage root growth and enhance yield. Because we back them with a 100% Free Replant guarantee, you can plant them early to maximize your performance. We include ILeVO® for Sudden Death Syndrome control on our beans, and call it PowerShield® SDS.

The Burrus passion to be the best supplier you have is what drives us to go the extra mile in everything we do. Better yet, all of these great offerings to help you get maximum profitability out of every acre are featured on our redesigned, responsive website. We encourage you to explore the site and discover what a tremendous grower resource it is. Check out some of the new videos, too, to see why Burrus is different and to see why what we do, we do for you.

Yes, we are confident that Burrus is the best choice. We have corn in our blood and serving you is a privilege, not a job. Our fathers farmed, our grandfathers farmed, and we now have the rewarding experience of having our fourth generation in the business with us. This ensures you that our legacy will continue to serve you for decades ahead. Plant our seed and plant your legacy.

Successfully,

Tom Burrus *Dave Hyle*

Tom and Dave

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The Product Selection Guide is designed for easy use. Hybrids are grouped with the same insect control or herbicide resistance together to simplify product selection. Please refer to the sidebar of each page for the tab of the hybrids featuring the insect control or herbicide resistance.

Cover photo compliments of Chad Mitchell Photography.



**WE DON'T RESTRICT CUSTOMERS
TO A SINGLE TRAIT PLATFORM.**

WE CALL IT A MULTI-BRAND STRATEGY. YOU CAN CALL IT THE BEST DECISION YOU EVER MADE.

Our legacy relies on the success of the independent Midwestern grower.

At Burrus, we take pride in providing products and services to increase the profitability of our growers. It is our independent ownership that grants us access to the industry's premier corn and soybean genetics to fit the way you farm.

In order to ensure that we are offering the best, we enter into strategic alliances with major companies; together, we supply the best research answers for improving the corn and soybean yields of Burrus growers. Although our multi-brand strategy empowers growers with more choices and therefore higher profit potential, we maintain our responsive local service that you expect from the Burrus team.

While nationally-owned companies can only offer the best products they have, Burrus offers the best products there are.

The result of our multi-brand approach is simple – we give local growers access to the country's best germplasm and industry-leading traits. We don't restrict customers to a single trait platform, therefore allowing growers to rotate traits and genetics to increase their year-to-year yield potential.

Most single suppliers simply can't match the choice of products and services available through Burrus.

Preserve your farm for generations to come by rotating modes of action to avoid resistant weeds and insects. You can depend on our team and products to help you create a sustainable model for your operation.

While the seed industry changes each year, what we stand for has not.

Burrus has been independent and farm-family owned since 1935. Four generations later, there are still Burrus family members running the company. It isn't easy to remain independently owned for over 80 years in an industry as competitive and unpredictable as the seed business. At Burrus Seed, though, we know the value of our independence to the success of our company and to your growing operation.

**PLANT BURRUS.
PLANT YOUR LEGACY.**

NEVER be HUNG OUT to DRY AGAIN.

High-yielding,
drought-tolerant
corn from Burrus.

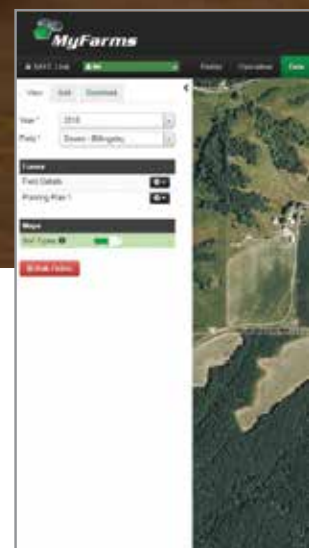
MINIMAL RAIN, MAXIMUM GAIN

from Burrus. For season-long drought protection, choose either Power Plus® brand products with Optimum® AQUAmax® or Agrisure Artesian® corn products from the Catalyst® and Hughes brands. Whichever is right for you, know that you'll make the most of every drop, getting the highest yields when it does rain while having exceptional yield if it doesn't. Burrus is known for whole farm yields across all soil types. Call today to discuss how you can make more money next year.

Optimum® AQUAmax® is a registered trademark of Pioneer Hi-Bred. Agrisure Artesian® is a registered trademark of Syngenta.



**BURRUS COP-RECOMMENDED
PRODUCTS WERE 12.5 BU/A HIGHER
THAN THE PLOT AVERAGE.**



YOUR FARM KNOWLEDGE COMBINED WITH OUR RESEARCH YIELDS A PROFITABLE COMBINATION.

At Burrus, we recognize that nobody knows your land better than you. With the Burrus COP, powered by MyFarmsSM, your field knowledge is combined with our years of research data and proprietary product knowledge to create a customized planting plan for each field.

On average, Burrus COP-recommended products were 12.5 bu/a higher than the plot average. This equals an extra \$100 per unit of seed in additional value. In tight markets, where management decisions become increasingly important, the Burrus COP delivers.

Additionally, Burrus believes in the independence of the American farmer. By partnering with an independent third party that does not sell seed or other strategic inputs, you have confidence that your field data is safe. Farm and map data stored in MyFarms doesn't move and isn't shown to anyone else unless you choose to share it.

BURRUS COP PROVIDES:

- Whole farm management system
- Farm planning and recording needs
- Planting, spraying, and fertility records
- Ability to create and share field maps
- Rainfall and maturity tracking
- Disease risk monitoring

To get even more value from the COP, take advantage of our MyFarms Early Order Opportunity program which offers the Burrus COP free of charge, a \$500 value. Being a loyal Burrus customer pays, and this is just one example of our initiative to make your farming operation as sustainable and profitable as possible.

BURRUS BELIEVES IN INVESTING IN YOUR GROWTH BY BRINGING:

- Diverse seed traits and germplasm
- Multi-brand portfolio of products selected for where you grow
- Cutting-edge technology that yields in the Burrus COP
- Knowledgeable representatives trained as Burrus COP crop placement specialists ready to assist
- Honesty and integrity of a name you can believe in

Talk to your local dealer or Account Manager today to learn how you can take advantage of this offer from Burrus.

STRAIGHT FROM THE GROWER

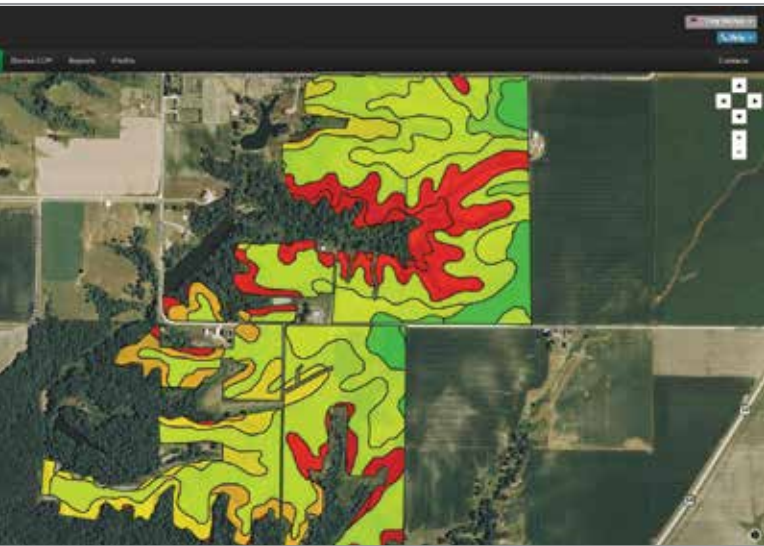


**PARTICULARLY IMPRESSED
WITH THE NEW FEATURES**

Scott Olson, a Burrus grower from Joy, Illinois has used the Burrus COP with great results. Yield data from 2014 showed an average increase of 8 bu/a when using a MyFarmsSM variable rate planting prescription. He has been particularly impressed with the new features in 2016 allowing him to create small acreage management zones over sand knobs or steep hillsides that rarely produce a crop, giving growers more control and more options to view for data analysis. Scott also added hydraulic down force and electric meters to his precision planter on a White frame and markers.



Scott Olson



MyFarms soil maps





WITH MORE MODERATE 2016 SPRING CONDITIONS, WE CAN EXPECT THEIR NUMBERS TO REBOUND.

HELPING YOU PREVENT CORN ROOTWORM RESISTANCE.

In 2014 and 2015, corn rootworm populations were below average due to extremely wet spring seasons. Despite the much needed break from corn root pruning, both western and northern corn rootworm (CRW) are still considered persistent and economically important pests. With more moderate conditions this spring, we can expect their numbers to rebound.

Here is the latest information concerning the four Bt corn traits to control rootworm:

1) eCry3.1Ab (Event 5307 – Agrisure Duracade®) to date has been approved in the U.S., Canada, Japan, Korea, Taiwan, Australia, and New Zealand. This Bt trait claims to be the first hybrid Bt insect control protein and was launched with insect resistance management in mind. It will only be available stacked with mCry3A (Event MIR604 – Agrisure® RW). Burrus has evaluated this technology in plot locations and is excited to offer hybrids with the Agrisure Duracade trait, once Syngenta has gained approval in China and the European Union.

2) Field-evolved resistance to Cry3Bb1 (Event MON88017 – YieldGard® RW) for western CRW was documented as

increasing between 2009 and 2011. This developed due to the onset of Bt resistance and corn rootworms being continually exposed to the same management tactic.

3) Recent work revealed cross-resistance in western CRW among three of the four Bt traits: CryBb1 (Event MON88017 – YieldGard RW), mCry3A (Event MIR604 – Agrisure RW), and eCry3.1Ab (Event 5307 – Agrisure Duracade). Cross-resistance means rootworm populations resistant to Cry3Bb1, will likely also be resistant to mCry3A and eCry3.1Ab.

4) Most recently, evidence of field-evolved resistance of western CRW to Cry34/35Ab1 (Event DAS-59122-7 – Herculex® RW) has been identified in only four fields in Iowa. Here, they found greater than expected root injury to corn hybrids containing the Cry34/35Ab1 trait. However, this resistance was incomplete, meaning survival on Bt corn was less than non-Bt corn. At this point, resistance appears to be limited in its geographic distribution within Iowa.

Crop rotation is key in eliminating corn rootworm populations within fields, as well as offering additional

benefits for the crop. There are many issues that can hinder crop rotation, such as the development of rootworm resistance to crop rotation. In areas, the western CRW “soybean variant,” has overcome crop rotation by laying eggs in multiple crops, not just within corn, in hopes of feeding on the corn crop in the coming year.

Some populations of northern CRW, in northern Illinois, have been known to overcome crop rotation by extended diapause. They will lay dormant for two growing seasons, then prune corn roots. We are particularly concerned, because some in northern Illinois and southern Wisconsin saw significantly high populations of northern CRW in 2014. In addition, some have noted populations of northern CRW can increase in the absence of western CRW. Not all northern CRW populations have developed extended diapause, and to date, have not been found to be resistant to any of the four Bt traits.

Crop rotation can also be defeated by volunteer corn in soybeans because their roots are able to support rootworm larvae and their silks attract rootworm adult feeding. Volunteer corn roots do not express Bt proteins at an



appropriate level, therefore, rootworm resistance development can only be accelerated. **Also, be aware of the “trap crop” effect, where later planted corn or longer maturity silage can cause a considerable amount of rootworm beetles to be lured from neighboring fields.** In fact, a “trap crop” could bring resistant/cross-resistant beetles into your field, further accelerating your risk for Bt resistance.

Corn hybrids with Bt pyramids are more effective, but remember, these pyramids are a combination of various Bt traits. If western CRW are resistant to one of the Bt traits in your pyramid, then your control will be hindered. Recent research has concluded that use of insecticide with trait can increase the onset of western CRW resistance.

A new proprietary technology, Qrome™ is a transgenic event (DP 4114), proven to provide above and below ground insect pyramided protection and Bt proteins from the Herculex® I and Herculex RW traits (Cry34/35Ab1) in combination with Agrisure RW (MIR604). It is compatible with a broad range of germplasm, so Qrome provides two modes of corn rootworm protection to additional high-performance corn hybrids, resulting in improved yields. Consistent with the Burrus standard, Qrome has been extensively tested across a range of

geographies and growing conditions. We are quite excited to have this technology on the near horizon.

Field monitoring is another important practice to have a handle on rootworm pressure in each field, both below and above ground, before the next corn

on a pyramid corn hybrid.” This can be used as a guideline when western CRW resistance is suspected. A field visit and follow-up can be done and resistance can be confirmed in a lab.

Switch traits as much as possible or at least every 3 to 4 years. In order to do



SWITCH TRAITS AS MUCH AS POSSIBLE OR AT LEAST EVERY 3 TO 4 YEARS.

crop. It can be difficult to predict future larvae injury based on adult beetle numbers the previous growing season. It is vital to evaluate corn root injury (0 – 3 node injury scale) towards the end of the season. Every node of roots lost results in a 15 to 17% reduction in yield. Don't try to judge trait performance by corn yield or standability.

In order to evaluate and reduce your risk for rootworm resistance, keep track of Bt trait history in each field and note if you see signs of Bt resistance. Currently, the US EPA defines greater than expected injury as, “more than 1 root node pruned on a corn hybrid with a single rootworm trait and more than 0.5 root nodes pruned

this, you may consider planting corn with no traits or corn with just Bt corn borer trait with soil insecticide after soybeans. Always manage corn rootworm larvae in corn on corn situations.

If rootworm populations become too high, neither Bt traits or insecticides will be able to compensate. All the management options have advantages and disadvantages. Unfortunately, if populations are not managed properly, they can become resistant to Bt traits or other management strategies. There is not a single solution to the corn rootworm problem, instead, a grower will need to incorporate various management strategies and avoid being predictable.

PROTECTING THIS YEAR'S YIELD?

THAT'S NOT THE PURPOSE OF YOUR HERBICIDE PROGRAM.



**ONE THIRD OF ALL WEED
RESISTANCE CASES OCCUR
WITHIN THE UNITED STATES.**

Everyone knows the ultimate goal of a herbicide program. Ask 100 industry professionals what that goal is, and they are likely to say something like this:

"The annual choice of a herbicide program is one of the most important short-term investments made by a grower. It should protect this season's yield and pay for itself when doing so."

It's simple economics. An annual input should yield a return that surpasses its annual cost. This is our industry's common sentiment when addressing the subject of weed management. However, is that the ultimate goal of a herbicide program? Before you answer, consider the current state of affairs.

METABOLIC RESISTANCE

There are more than 200 herbicide-resistant weed species worldwide, and one third of all weed resistance cases occur within the United States. No additional herbicide modes of action will be released in the near future, and resistance continues to crush one herbicide family after another.

The list of weed management options is growing alarmingly thin for Midwest growers. Some weed species have developed a tendency to circumvent herbicides with 'metabolic resistance.' Metabolic resistance occurs when a plant develops the ability to rapidly detoxify a herbicide, thus rendering that product ineffective.

'Traditional' weed resistance typically eliminated one herbicide family at a time, but metabolic resistance can eliminate multiple, unrelated products. This development is alarming and leaves growers in a dismal situation. Next to stressful market forces, resistance poses one of the most significant long-term threats to grower profitability.

Yes, the industry's weed management goal has been a herbicide program that pays for itself by annually protecting yield. Yet, given the track record, one has to say that goal isn't treating us very well. We suggest your herbicide program is not ultimately about protecting this season's yield. The ultimate goal of your herbicide program should be long-term.





YOUR HERBICIDE PROGRAM IS AN INVESTMENT IN YOUR LAND'S LONG-TERM YIELD POTENTIAL.

REDUCE THE RESISTANT WEED SEED BANK

The focus of a herbicide program should be to reduce the resistant weed seed bank. Your herbicide program is an investment in your land's long-term yield potential. It is more akin to an equipment purchase. While one expects some return during the first season, every grower understands that one year will not pay off that piece of equipment. The benefits derived from an equipment purchase are spread over multiple seasons, as are the benefits of a herbicide program. They are long-term, multi-season investments.

Therefore, when it comes to weeds, don't be afraid if your weed control doesn't make sense from a seasonal perspective. Be afraid when your weed control program doesn't make sense from a long-term, resistance management perspective.

DON'T BE AFRAID TO...

- Use a pre-emerge, residual product even if it adds short-term pain to your budget.
- Add a residual product with your post-emerge program even though it may be inconvenient.
- Rotate modes of action (to Liberty® for instance) even if you are more comfortable with Roundup®.
- Mow your roadsides to keep edge-of-field weeds from contributing to in-field resistance even though it seems outdated.
- Eliminate that weed or two that escaped even though it is hard to justify that use of your time.
- Scout your fields to fine-tune next season's weed control program even as this calendar puts plenty on your plate.
- Harvest your weediest fields last so you don't spread resistant weed seed to your clean fields even though it is a headache.

Keep your eye on the long-term, because that is what weed management is all about.

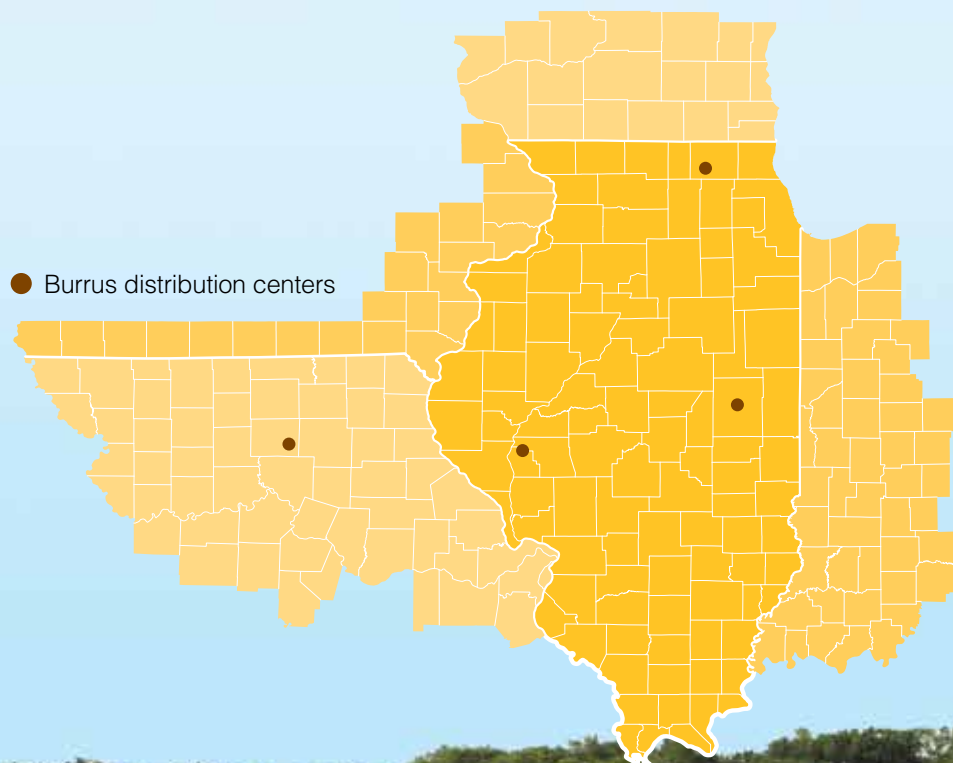
WE GO WHERE YOU GROW.

Our specialty is high-yielding corn and soybeans on your soil types. Burrus Account Managers help growers select the right products for maximum profit across all acres.

Our newly redesigned and device-responsive website utilizes geolocation to provide customized information to each user. Your local weather radar, commodity markets and Account Manager's contact information are available as soon as you open the page.



**FIND YOUR ACCOUNT MANAGER AT
BURRUSSEED.COM**



#BurrusSeed • burrusseed.com



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A close-up photograph of a person's hand holding a silver key. Attached to the key is a brown, five-pointed star-shaped keychain with a yellow corn seed in the center. The background is a blurred field of green corn plants.

TAKE our **SEED** for a **SPIN.**

\$1,000 says the
performance is tops.

TEST DRIVE CHALLENGE

Plant any of our corn hybrids head-to-head with a competitor's hybrid of comparable maturity and trait. See how we establish stand and rapidly grow off, then see who wins the yield race at harvest.

If it's not us, you get \$1,000. We have a proven track record of top performing yields and independent trial results with decades of demonstrated whole farm yield results.

DON'T SETTLE FOR THE NATION'S AVERAGE — CHOOSE YOUR SOIL'S BEST!

National companies look for products that can be used over wide geography rather than the best product for a smaller or regional area. They tend to focus on company profit and efficiency of scale. We are interested in bringing you the best whole farm performance by maximizing the yield on every acre you plant.

Burrus has an extensive testing program that is used to identify the best products for our footprint. We have areas with high organic soils and areas that have more stress prone soils. Your yields are what matter most. Our testing map helps you understand what works in your area. We test on all types of soil so we understand what to recommend on your farm. Many of the competitors focus their testing only on black soil.

PREDICTING THE FUTURE

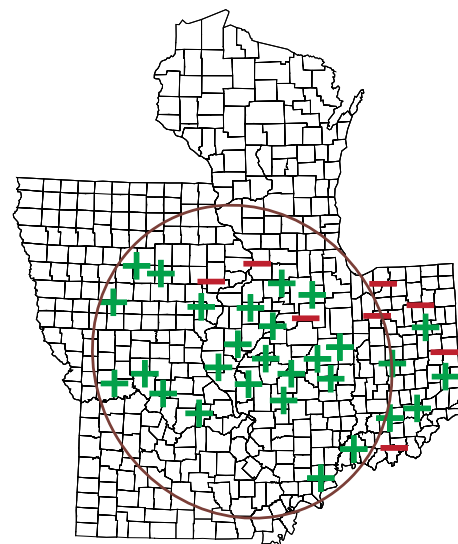
We have sophisticated computer software that runs regression curves to predict future performance in many environments. We routinely utilize the best techniques to analyze data and are expanding our plant density studies to fine tune our Crop Optimization Planner.

You'll find, too, that Burrus production techniques are more meticulous than those of competitors. Each year, we print the Burrus *Harvest Report* which shows true results from areas near where you farm, and on soil types and growing conditions you are likely to encounter. In fact, performance studies show up to 18 bu/a more performance with the highest quality seed compared to poor quality seed production.

WE DON'T CUT CORNERS

This is why we meticulously grow our own seed. Whether it is spraying Liberty® or Roundup® with our hooded sprayer to remove any plants that are not carrying the desired trait, or double gravitying and color sorting every unit, Burrus cuts no corners. Then, we apply our PowerShield seed treatment package for optimum stand establishment, control insects and diseases, and get performance for you — added yield.

At Burrus, we focus on hybrids providing exceptional performance in our footprint. Burrus provides exceptional products in areas where national companies can only offer an average product.



+ Test hybrid above mean. National focus 17 Local 11
- Test hybrid below mean. National focus 30 Local 4

The green + signs represent locations where the hybrid performed above the mean of the test. The red - signs represent locations where the hybrid performed below the mean of the test. In the Burrus/Hughes footprint, this product performed above the mean 93% of the time. This is a very good product for our company to sell commercially, as it is what we call a "regional fit" rather than a national fit.

“

**BURRUS PRODUCTION TECHNIQUES
ARE MORE METICULOUS THAN
THOSE OF COMPETITORS.**

DON'T FORGET ABOUT EUROPEAN CORN BORER

The risk of yield loss from European corn borer (ECB) has not dissipated. In fact, if you are a non-GMO producer, ECB is as much of a threat today as it has ever been.

In 2015, 40% of the non-traited products observed in our preview plot system, which encompasses most of the Burrus footprint, had moderate to severe infestation levels. These levels correspond directly to yield loss, as well as late-season standability issues. The most important action a grower can take to avoid yield loss due to ECB is to scout, scout, and then scout again.

Most growers can distinguish first generation ECB damage easily, but when it comes to subsequent generations, identifications become more difficult. For first generation ECB damage, look for signs of pinhole feeding on the newly unraveling leaves.

Typically, this is easy to find if ECB are present. However, for subsequent generations, identifications are more challenging because the corn plant is typically at its full height by the time these generations start to infect plants.

To find the presence of these generations, you will have to find small egg clusters on the corn plant.

These clusters are much harder to find than pinhole damage left behind from the first generation.

One thing every grower should do is scout before the harvest season begins to determine which fields have the worst ECB damage and make those a priority to harvest as soon as possible. Subsequent generations of ECB greatly diminish standability and open the door to make stalk rot more accessible to infect these plants as well. ECB can also chew in the shank and cause ear drop.

If you routinely have problems with ECB damaging the yield and standability of your crop year after year, consider what can be done in the future to avoid this problem. The best solution is to switch to a hybrid with above ground protection on all of your acres.

If you are still wanting to produce some non-GMO corn, think about switching the latest planted fields to a product with above ground protection. Fields planted last are typically the worst affected by subsequent generation ECB. Switching to a product with above ground protection is guaranteed to greatly reduce your risk when it comes to European corn borer. **There is no documented evidence of resistance to the Bt traits for ECB.**

For methods of scouting for ECB and threshold levels, please refer to the University Of Illinois IPM protocol.



SCOUT BEFORE THE HARVEST SEASON BEGINS TO DETERMINE WHICH FIELDS HAVE THE WORST ECB DAMAGE AND MAKE THOSE A PRIORITY TO HARVEST.



HIGH-PERFORMANCE ALFALFA FORAGE SOLUTIONS

214FY BRAND ALFALFA is a high forage yielding, persistent alfalfa with excellent quality potential. It expresses quick re-growth after cutting to maximize the growing season. 214FY performs best in high producing, well-drained soils. It has a solid disease, insect and nematode resistance package that helps defend itself in adverse environments. 214FY is an alfalfa variety for the dairy or beef producer that demands high tonnages of dairy quality forage.

388HY HYBRID ALFALFA represents a recent improvement in Hybrid Alfalfa using the patented msSunstra Hybrid Alfalfa Technology! This product has familiar hybrid characteristics like dense stands with fine-stemmed herbage and fast recovery, but it comes with an exceptional boost in yield. This fine stem characteristic makes a dense, attractive alfalfa bale. For the highest yields of high quality forage, 388HY is the variety of choice.



Features

- Consistent high forage yield
- Rapid recovery after harvest
- Excellent disease resistance
- Very dense, persistent stands
- Fine stems
- Uniform growth habit

Benefits

- Dependability of forage supply
- Better use of growing season
- Broad adaptability
- Better weed control
- Attractive forage bales
- Easier to manage consistent forage quality

AGRONOMIC SUMMARY	214FY
Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthrachnose (Race 1)	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	R
DRI	34/35
Stem Nematode	R
Northern Root-knot Nematode	HR
Pea Aphid	R
Blue Alfalfa Aphid	MR
Winter Survival	1.9*
Root Type	TAP
Fall Dormancy	4.1*
Cutting Recovery	8.0*
Forage Yield Level	8.4*
Forage Quality	8.0*
Wheel Traffic	7.5*

*10 is best, 1 is poorest



AGRONOMIC SUMMARY	388HY
Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthrachnose (Race 1)	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	MR
DRI	33/35
Stem Nematode	HR
Northern Root-knot Nematode	HR
Winter Survival	1.8*
Root Type	TAP
Fall Dormancy	4.0*
Crown Depth	Ave.
Fitness of Stem	Fine

HR = High resistance
MR = Medium resistance
R = Resistant



WHAT MAKES BURRUS DIFFERENT?

We respect each brand of seed that survives today, but we are different than the other seed companies because:

- We're land-based and have irrigated all our land that is practical.
- The seed business is not an investment or a job, **it is who we are.**
- We love what we do and our customers feel like they are part of the family.
- We have a state-of-the-art conditioning facility and our own distribution system.
- We understand that we have to fight harder, have better products and provide more information and better service than the national brands, and we do.
- We measure success by customer satisfaction and strive to bring you the highest return on your seed investment dollar.
- For all these reasons and more, we invite you to experience the value we deliver.

Power Plus® brand Optimum® AQUAmax® Products — designed to make the most of every drop!

- In non-irrigated trials 5.4 bu/a yield advantage
- Irrigated conditions 3.4 bu/a yield advantage
- Tough from tassel to root
- Advance stoma control to be more efficient with water
- Aggressive silking for improved kernel set
- Better stay green to lengthen the window for growth
- Deeper kernels maintain yield under late season stress
- Efficient root system penetrates deeper in the soil to capture moisture
- Uses less water per bushel
- 70% win ratio on NON-irrigated growing conditions
- 61% win ratio on irrigated growing conditions

For 2017, we offer seven Power Plus® brand products that carry the Optimum AQUAmax logo and offer improved yield stability under heat and drought stress.

Optimum AQUAmax products from PROaccess Genetics were grown in 404 non-irrigated research plots, on-farm strip test and on-farm side-by-sides with a win ratio of 70 percent across IA, SD, NE, KS, CO, MO and OK. Cumulative claim includes all 2011 and 2012 research plots against competitive hybrids (+/- 5 CRM), on-farm strip plot (+/- 10 CRM) and on-farm side-by-side comparisons against one similar CRM commercial product. These same products demonstrated a 3.4 bushel advantage with a win ratio of 61 percent in 210 irrigated comparisons. Product performance in non-irrigated environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary.

© Optimum and AQUAmax are registered trademarks of Pioneer Hi-Bred.

REDUCE DUST OFF. superFLOWSM And save a bee while you're at it.

SuperFLOWSM, a new planter lubricant developed by Bayer to reduce potential dust exposure to honey bees, is now available from Burrus. SuperFLOW is a low use rate product, only requiring an 1/8th of a cup per unit of seed, regardless of planter type. It reduces dust-off which protects the bee population, particularly with air type planters. This environmentally friendly product is the best way to protect our neonicotinoids insecticides that we need to protect our seedlings. Growers who properly applied SuperFLOW at the recommended rates and stirred it into the seed have been very pleased with the results. Ask for SuperFLOW planter lubricant when you place your seed order.





WE GUARANTEE A GROWING START.

100% Free Replant on seed corn and PowerShield® treated soybeans

The entire Burrus family of products, including Burrus, Power Plus®, Hughes, Catalyst® and Hoblit brands qualify for the replant guarantee of free seed, free seed treatment if available, and free tech fees of equal or less value, if from the same technology family. Ask your local dealer or Account Manager for complete details.

NEW FOR 2017

For 2017, ILeVO® treated beans under the “PowerShield® SDS” name will be offered on any of our soybean varieties as long as they are ordered in the EZ load box of 45 units.

Only a few varieties will be offered in individual units. Hoblit 384LL, Hughes 266LL, and Power Plus® 26Z5™ and Power Plus® 36J3™ as glyphosate resistant beans along with Power Plus® 36A1X™ as a RR2 Xtend® bean also will be offered in individual unit packages with PS SDS.

PowerShield SDS has been effective in protecting roots from contracting Sudden Death Syndrome. Even with no visible signs of SDS, there is often a 1.5 to 2 bu/a loss; a higher cost than paying for the seed treatment. When you see SDS damage with or without regular seed treatment, you get a big return on your investment. Consider using PS SDS on fields that have a history of SDS or when planting early.

INCREASE YOUR PROFITS WITH STRUCTURED REFUGE

Consider planting both integrated and structured products in 2017.

Using the Burrus show plot as an example, structured refuge products averaged 12 bushels more than integrated refuge products. This data backs what we have been encouraging growers to consider when placing their orders. We all like convenience, but our job is to help you maximize your yield and profit too. Our recommendation is to consider planting both the structured and integrated refuge products to maximize convenience and performance.

Agrisure Artesian® corn hybrids convert water into grain more effectively.

- Agrisure Artesian® corn hybrids maximize yield when it rains and increase yield when it doesn't. Built using scientifically selected genes, this elite class of high-performing hybrids can respond to water stress with multiple modes of action and at virtually any stage of growth—managing gaps in rainfall throughout the season.
- Elite hybrids built for top-end yield
- Advanced corn water technology for season-long performance
- A simple, effective way to manage the unpredictability of weather
- Top-end yield in “normal” or productive conditions and nearly 12% higher yields than the plot average in severe and extreme drought⁽¹⁾
- Artesian hybrids represent the A-list of high-performing corn hybrids, and can be identified by the ‘A’ at the end of the trait stack name or hybrid trait version extension (e.g., 3011A).

(1) Source: Since 2010, Artesian corn hybrids have been put to the test in more than 7,500 Syngenta on-farm strip trials across the Corn Belt. Syngenta defines a yield environment of 50-99 bu/a as severe and fewer than 50 bu/a as extreme.



SEED CORN TECHNOLOGY REVIEW

Technology	Herbicide		Broad Lep	Refruge Requirements		Different insects controlled by technology							
	ECB Trait	CRW Trait		RR	LL		ECB	CRW	BCW	FAW	CEW	WBC	SB
Optimum® AcreMax® XTreme (AMXT)	■ ■	● ●		x	x	5% IR	C	C	C	C	S	C	C
Optimum® Intrasect® XTreme (CYXR)	■ ■	● ●		x	x	20% IR	C	C	C	C	S	C	C
Optimum® AcreMax® Xtra (AMX)	■ ■	●		x	x	10% IR	C	C	C	C	S	C	C
Optimum® AcreMax® Xtra (AMX-R)	■ ■	●		x		10% IR	C	C	C	C	S	C	C
Optimum® AcreMax® TRIsect® (AMT)	■ ■	●		x	x	10% IR	C	C	C	C	S	C	C
Optimum® Intrasect® Xtra (YXR)	■ ■	●		x	x	20%	C	C	C	C	S	C	C
Optimum® TRIsect® (CHR)	■	●		x	x	20%	C	C	C	C	S	C	C
Optimum® AcreMax® (AM)	■ ■			x	x	5% IR	C	NoA	C	C	S	C	C
Optimum® AcreMax® (AM-R)	■ ■			x		5% IR	C	NoA	C	C	S	C	C
Herculex® XTRA/RR (HXX/RR/Q)	■	●		x	x	20%	C	C	C	C	S	C	C
Herculex® XTRA (HXX)	■	●			x	20%	C	C	C	C	S	C	C
Herculex® 1 (HX1/RR/S)	■			x	x	*20%	C	NoA	C	C	S	C	C
Optimum® AcreMax® 1 (AM1)	■	●		x	x	*20%	C	C	C	C	S	C	C
Optimum® AcreMax® RW (AMRW-R)		●		x		10%	NoA	C	NoA	NoA	NoA	NoA	NoA
Optimum® Intrasect® 1 (YHR)	■ ■			x	x	*5%	C	NoA	C	C	S	C	C
Agrisure Duracade® 5222 E-Z Refuge®	■ ■	● ●	◆	x		5% IR	C	C	C	C	C	C	C
Agrisure Duracade® 5122 E-Z Refuge®	■ ■	● ●		x		5% IR	C	C	C	C	S	C	C
Agrisure® 3122 E-Z Refuge®	■ ■	● ●		x		5% IR	C	C	C	C	S	C	C
Agrisure Viptera® 3111	■	●	◆	x	x	20%	C	C	C	C	C	C	C
Agrisure® 3000GT	■	●		x	x	20%	C	C	NoA	S	S	NoA	S
Agrisure Viptera® 3220 E-Z Refuge®	■ ■		◆	x		5% IR	C	NoA	C	C	C	C	C
Agrisure Viptera® 3110	■		◆	x	x	*20%	C	NoA	C	C	C	C	C
Agrisure® 3010	■			x	x	*20%	C	NoA	NoA	S	S	NoA	S
Refuge Advanced® Powered by SmartStax®	■ ■	● ●		x	x	5% IR	C	C	C	C	C	C	C
Genuity® SmartStax® (GENSS)	■ ■	● ●		x	x	5% IR	C	C	C	C	C	C	C
Genuity® VT Triple PRO® (GENVT3P)	■	●		x		10% IR	C	C	NoA	C	C	NoA	C
YieldGard VT Triple® (VT3)	■	●		x		20%	C	C	NoA	S	S	NoA	S
Genuity® VT Double PRO® (GENVT2P)	■			x		*5% IR	C	NoA	NoA	C	C	NoA	C
PowerCore™ Enlist™**	■ ■			x		5%	C	NoA	C	C	C	C	C

EVENT (Protein Expressed, Insect Target)

- TC1507 (Cry1F, ECB)
- MON 810 (Cry1Ab, ECB)
- BT11 (Cry1Ab, ECB)
- MON89034 (Cry1A.105 + Cry2Ab2, Broad Lep)
- DAS-59122-7 (Cry34Ab1/Cry35Ab1, CRW)
- MIR604 (mCry3A, CRW)
- MON88017 (Cry3Bb1, CRW)
- Event 5307 (eCry3.1Ab, CRW)
- ◆ MIR162 (Vip3Aa, Broad Lep)

CORN BELT REFUGE GUIDELINES

5% is single bag refuge with refuge blended in the bag, no separate refuge needed

*5% non B.T. refuge must be within 1/2 mile of the field

10% is single bag refuge with refuge blended in the bag, no separate refuge needed

10% & 20% means 10% of CRW refuge is blended in the bag plus 20% non-B.T. refuge for ECB must be within 1/2 mile from the field

20% non-B.T. refuge must be within field or directly adjacent

*20% non-B.T. refuge must be within 1/2 mile of the field

ECB - European corn borer

CRW - Corn rootworm

BCW - Black cutworm

FAW - Fall armyworm

CEW - Corn earworm

WBC - Western bean cutworm

SB - Common stalk borer

C - Control of the insect

S - Suppression of the insect

NoA - No activity on the insect

x - Includes herbicide tolerance

RR - Roundup Ready (Glyphosate)

LL - Liberty Link (Glufosinate)

IR - Integrated Refuge

**2,4-D and FOP resistance

NUMBERING SYSTEM FOR 2017

The Burrus numbering system indicates the maturity with the first digit. Multiply the first digit by two then add 100 for the maturity day rating. The example Power Plus® 4J95 AMX™ brand, multiply the first digit by 2 = 8 then add 100. This depicts the maturity range as 108-109 days. The second letter and last two digits are at random except for the Optimum® AcreMax® products. When the letter is the same and the digits are consecutive, it indicates a similar family e.g. Power Plus® 7H20™ and Power Plus® 7H23S™. The last letter(s) is silent. That was added to the product number for the purpose of reminding growers of the technology included in that product. The chart below explains what each means.

Brands	Ma- turity	Group	Technology	Desig- nation	RR	LL	Resistance or Control
Power Plus® 5C17AMXT™	110	Above/ Below- Ground Insect Control	Optimum® AcreMax® XTreme	AMXT	x	x	Herculex® XTRA, Agrisure® RW, YieldGard® Corn Borer
Power Plus® 6F74AMX™	113		Optimum® AcreMax® Xtra	AMX	x	x	Herculex® XTRA, YieldGard® Corn Borer
Power Plus® 6L45AMT™	112		Optimum® AcreMax® TRIsect	AMT	x	x	Agrisure® RW, YieldGard® Corn Borer, Herculex® I Corn Borer
Power Plus® 7A18 Q™	114		Herculex® XTRA	Q	x	x	Herculex® XTRA, Herculex® I Corn Borer
Catalyst® 6216 3111A	111		Agrisure Viptera® 3111A	3111A	x	x	Agrisure Viptera®, Agrisure® RW, Agrisure® CB, Agrisure Artesian®
Burrus 6T54 3000GT	113	Above- Ground Insect Control	Agrisure® 3000GT	3000GT	x	x	Agrisure® RW, Agrisure® CB
Power Plus® 4J93AM™	109		Optimum® AcreMax®	AM	x	x	Herculex® I Corn Borer, YieldGard® Corn Borer
Catalyst® 7577 3010	114		Agrisure® 3010	3010	x	x	Agrisure® CB
Power Plus® 7H23 S™	114		Stacked, Herculex® I	S	x	x	Herculex® I Corn Borer
Power Plus® 6F71 R™	113	Glyphosate- Resistant	Roundup Ready®	R	x		Glyphosate tolerant
Burrus 6T51 GT	113		Agrisure® GT	GT	x		Glyphosate tolerant
Hughes 2428 GTA	100		Agrisure Artesian® GTA	GTA	x		Agrisure Artesian®, Glyphosate tolerant
Burrus 6Q60	112	CONV.	Conventional	No letters			No traits

IMPORTANT: Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by Burrus. Information and scores are assigned by Burrus and are based on period-of-years testing through 2015 harvest and were the latest available at time of printing. Some scores may change after 2016 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease, and pest pressures. Please use this as only one component of your product positioning decision.



**DISCOUNTS ARE GIVEN FOR SMALL
AND EXTREMELY LARGE SEED SIZES.**

NOMENCLATURE THE MORE THINGS CHANGE... THE MORE THEY STAY THE SAME

Dealers and customers will see the same nomenclature as 2016. Here is a review of the Burrus® nomenclature to designate seed size and treatment:

HP – this represents high rate Poncho® 1250 with VOTiVO® nematicide.

BXR – is recognized as what was previously PX23 in the Burrus system. This seed size is a Poncho® 500 VOTiVO treated round-sized seed ranging from 38 lbs. and up.

BX3 – is a Poncho® 500 VOTiVO treated seed that has been sized as either a flat or a round. The size range is 30-39 lbs. This seed size carries a discount.

BX4 – is also treated with Poncho® 500 VOTiVO and is a flat or round weighing 40-49 lbs.

Many growers have come to realize that a number listed behind the nomenclature marker represents the weight range of that specific hybrid in the Burrus system. For example, a BX4 will weigh between 40-49 lbs. and a BX5 will be in the weight range of 50-59 lbs.

Discounts are given for small and extremely large seed sizes. BX3s, BX6s and BX7s have a discount off of retail price. Growers can capitalize on additional seed size discounts within our

system when those particular sizes are available.

The Catalyst brand brings different seed sizes with F indicating flat kernels and R for rounds.

F1 & R1 weigh 32 to 42 lbs.

F2 & R2 weigh 43 to 55 lbs.

F3 & R3 weigh 56 lbs. & up.

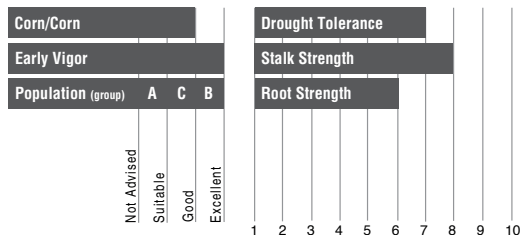
For planter information see page 43.

1S26AMXT™★

Brand

**101 Day Maturity**

- Very high yield potential
- Very good grain quality
- Good ear size and flex
- Spray candidate in high disease years
- Silage utility

Rewards aggressive management.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 8
 Ear height: 6
 Ear type: Flex

PLANTING INFO

Speed of emergence: 8
 High organic soils: 9
 Timber soils: 8
 Clay & varied soils: 7
 Sand (dryland): 7
 Sand (irrigated): 8
 Wet soils: 7

POPULATION

31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
 No. leaf blight tolerance: 6
 Anthracnose tolerance: 5
 Gray leaf spot tolerance: 5
 Diplodia ear rot tolerance: 6
 Goss's wilt: 7
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
 Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
 Test weight: 7
 GDD to silk: 1270
 GDD to 30%: 2450
 Ear retention: 8
 High tonnage silage: 9
 Harvest residue: 8

REFUGE

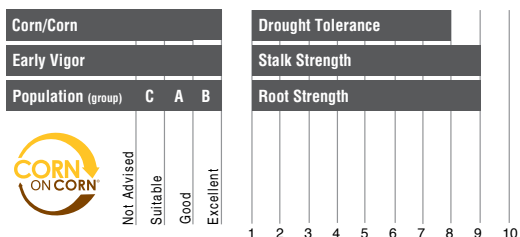
Integrated refuge

1G48AMXT™★

Brand

**102 Day Maturity**

- Versatile high yielder
- Strong late season stalks
- Great health package for zone
- Strong roots
- Moderate stature and ear height

Exciting new genetics.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 6
 Ear height: 7
 Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
 High organic soils: 9
 Timber soils: 9
 Clay & varied soils: 9
 Sand (dryland): 7
 Sand (irrigated): 8
 Wet soils: 8

POPULATION

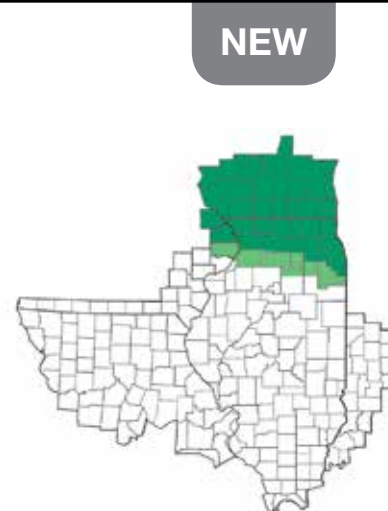
31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
 No. leaf blight tolerance: 8
 Anthracnose tolerance: 8
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 8
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
 Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
 Test weight: 8
 GDD to silk: 1350
 GDD to 30%: 2450
 Ear retention: 8
 High tonnage silage: 7
 Harvest residue: 7

REFUGE

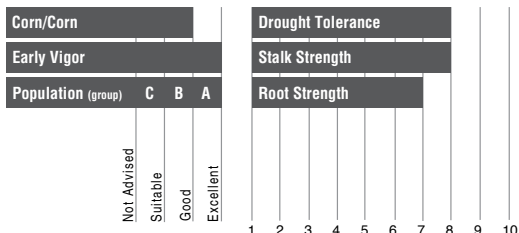
Integrated refuge

2F91AMXT™*

Brand

**103 Day Maturity**

- Good health and agronomic package
- Fixed ears with good test weight
- Very early flowering
- High pops needed for high yields
- Strong emergence

Dependable early performance.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 6
 Ear height: 5
 Ear type: Fixed

PLANTING INFO

Speed of emergence: 8
 High organic soils: 9
 Timber soils: 9
 Clay & varied soils: 9
 Sand (dryland): 8
 Sand (irrigated): 9
 Wet soils: 8

POPULATION

34 – 40
 31 – 37
 31 – 37
 26 – 32
 34 – 40

AGRONOMIC PACKAGE

Fall appearance: 8
 No. leaf blight tolerance: 7
 Anthracnose tolerance: 6
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: NR
 Goss's wilt: 9
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 9

PROTECTION

Nematode protection: Yes

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
 Test weight: 8
 GDD to silk: 1240
 GDD to 30%: 2450
 Ear retention: 8
 High tonnage silage: 6
 Harvest residue: 7

REFUGE

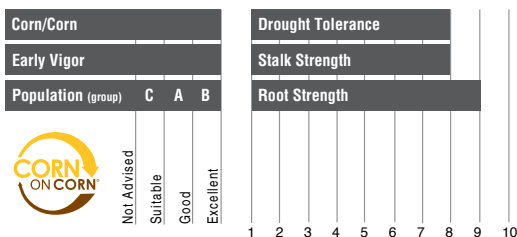
Integrated refuge

2B77AMXT™*

Brand

**105 Day Maturity**

- Mid-maturity high yielder
- Shorter stature
- Excellent quality grain
- Outstanding late season stalks
- Very good standability

The new mid-maturity leader.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 6
 Ear height: 7
 Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
 High organic soils: 9
 Timber soils: 9
 Clay & varied soils: 8
 Sand (dryland): 7
 Sand (irrigated): 9
 Wet soils: 8

POPULATION

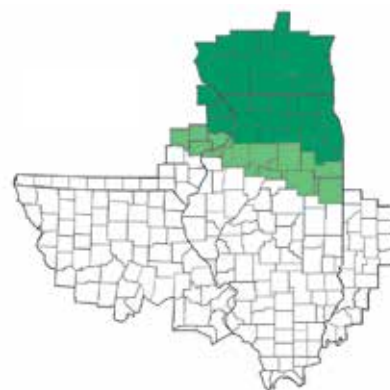
31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
 No. leaf blight tolerance: 8
 Anthracnose tolerance: 7
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 7
 Goss's wilt: 9
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
 Test weight: 8
 GDD to silk: 1325
 GDD to 30%: 2550
 Ear retention: 8
 High tonnage silage: 7
 Harvest residue: 8

REFUGE

Integrated refuge

* © Power Plus is a registered trademark of Pioneer.
 Power Plus brand is distributed by Burrus.

2V56AMX^{TM*}

Brand

105 Day Maturity

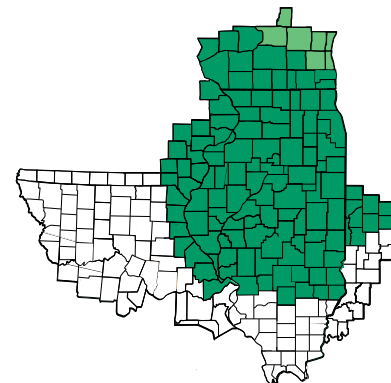
- High test weight grain
- Good top end yield potential leads to grower's smiles
- No refuge needed
- Will benefit from fungicide applications under GLS pressure

Convenience, drought protection and yield.

Corn/Corn	Early Vigor	Population (group)	C	B	A

Drought Tolerance	Optimum AQUAmax
Stalk Strength	
Root Strength	

GLYPHOSATE	Liberty [®]



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 6
High organic soils: 7
Timber soils: 8
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 8
Wet soils: 6

POPULATION

34 – 40
31 – 37
31 – 37
26 – 32
34 – 40

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 6
Anthracnose tolerance: 6
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: NR
Goss's wilt: 7
Plant growth regulator sensitivity: NR
Greensnap tolerance: 5

PROTECTION

Nematode protection: Yes
Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 7
Test weight: 8
GDD to silk: 1330
GDD to 30%: 2450
Ear retention: 7
High tonnage silage: 8
Harvest residue: 5

REFUGE

Integrated refuge

3H85AMX^{TM*}

Brand

107 Day Maturity

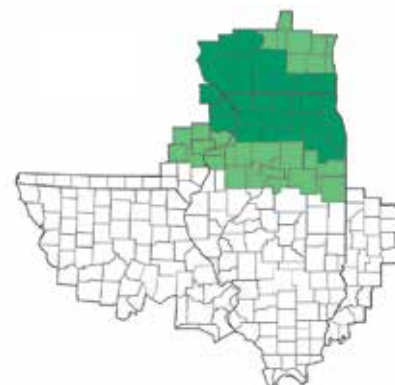
- Tremendous top end yield potential
- Compliments Power Plus[®] 2V56 AMX^{TM*}
- Great roots
- Fits best in northern IL and southern WI
- Performs well at moderate pops

High yield potential flex hybrid.

Corn/Corn	Early Vigor	Population (group)	A	B	C

Drought Tolerance
Stalk Strength
Root Strength

GLYPHOSATE	Liberty [®]



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Flex

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 8
Clay & varied soils: 7
Sand (dryland): 6
Sand (irrigated): 7
Wet soils: 6

POPULATION

28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 5
No. leaf blight tolerance: 7
Anthracnose tolerance: 6
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 9

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1340
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 9
Harvest residue: 6

REFUGE

Integrated refuge

4J95AMXTM*

Brand

109 Day Maturity

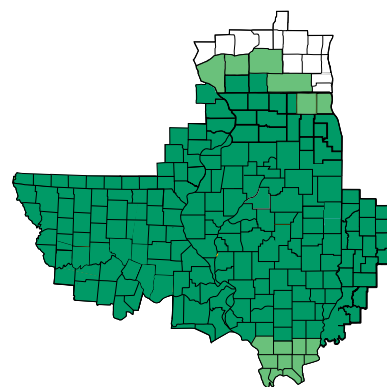
The new standard for yield with no refuge needed.

Corn/Corn		Drought Tolerance	
Early Vigor	Population (group)	Stalk Strength	Root Strength
	C A B		
Not Advised			
Suitable			
Good			
Excellent			
		1 2 3 4 5 6 7 8 9 10	

GLYPHOSATE

Liberty[®]

- Will adapt very well across geography and soil types
- Good agronomics and responds favorably to fungicide management
- Optimum[®] AQUAmax[®] hybrid with great drought tolerance



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 8
Anthracnose tolerance: 7
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 5
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 8
Test weight: 7
GDD to silk: 1340
GDD to 30%: 2750
Ear retention: 9
High tonnage silage: 5
Harvest residue: 6

REFUGE

Integrated refuge

5C17AMXTTM*

Brand

110 Day Maturity

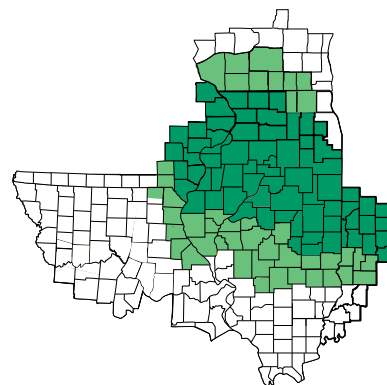
A new meaning for top end yield potential.

Corn/Corn		Drought Tolerance	
Early Vigor	Population (group)	Stalk Strength	Root Strength
	A C B+		
Not Advised			
Suitable			
Good			
Excellent			
		1 2 3 4 5 6 7 8 9 10	

GLYPHOSATE

Liberty[®]

- Enjoy its hard, heavy test weight grain
- Two modes of action for both above and below ground insect control
- Responds to fungicides
- Husks that flair and thrives on prairie soils



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 10
Timber soils: 7
Clay & varied soils: 7
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 7

POPULATION

33 – 35
29 – 31
29 – 31
25 – 27
33 – 35

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 8
Test weight: 8
GDD to silk: 1370
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 10
Harvest residue: 8

REFUGE


Integrated refuge

* © Power Plus is a registered trademark of Pioneer. Power Plus brand is distributed by Burrus.

5K35AMX™

Brand

110 Day Maturity



- High yield potential
- Early maturity for zones 7 & 8
- Versatility across soil types
- Integrated refuge product
- Good southern movement

Incredible yield with guts to perform on tougher soils.

Corn/Corn	Early Vigor	Population (group)	A	C	B

Not Advised

Suitable

Good

Excellent

Drought Tolerance

Stalk Strength	Root Strength

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

Liberty®

LIBERTY LINK

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 8

POPULATION

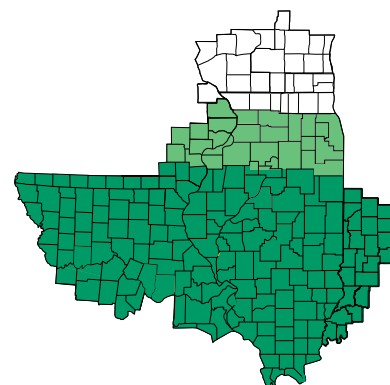
31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 5
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
Test weight: 7
GDD to silk: 1350
GDD to 30%: 2700
Ear retention: 7
High tonnage silage: 9
Harvest residue: 7


REFUGE

Integrated refuge

6216 3111A

Brand

111 Day Maturity



- Agrisure Artesian® water optimization
- Strong stalks and roots
- Good stay green ratings
- Versatility across soil types

Versatility, yield, and great fall intactness.

Corn/Corn	Early Vigor	Population (group)	A	B	C

Not Advised

Suitable

Good

Excellent

Drought Tolerance

Stalk Strength	Root Strength

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

Liberty®

LIBERTY LINK

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Flex

PLANTING INFO

Speed of emergence: 7
High organic soils: 10
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 8
Sand (irrigated): 10
Wet soils: 8

POPULATION

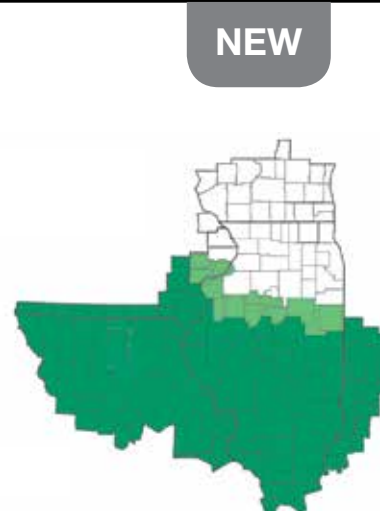
28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: NR
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: NR
Goss's wilt: 7
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 6
GDD to silk: 1460
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 5
Harvest residue: 6

REFUGE


20% structured refuge
Power Plus® 4J99 R™*,
Power Plus® 6F71 R™*, Burrus 6T51 GT

*Catalyst® is a registered trademark of Syngenta Group Company. Catalyst is a Syngenta brand distributed by Burrus.


6L45AMT™*

Brand

112 Day Maturity





- Add granular insecticide for a dual mode of action on CRW
- Lots of top end yield potential at medium plant densities
- Very good stalks and roots
- Fast dry down at this maturity
- Best following beans
- Responds to fungicides



Corn borer pyramid and one CRW event.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)				Root Strength			
	A	C	B				
Not Advised							
Suitable							
Good							
Excellent							

GLYPHOSATE 

Liberty® 

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 8
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 7
Wet soils: NR

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 5
Anthracnose tolerance: NR
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: 7
Goss's wilt: 5
Plant growth regulator sensitivity: NR
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1400
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

REFUGE


Integrated refuge

*® Power Plus is a registered trademark of Pioneer.
Power Plus brand is distributed by Burrus.


6T54 3000GT

Brand

113 Day Maturity




- Great early planting choice because of excellent emergence ratings
- Use soil insecticide or add Poncho® 1250 VOTIVO® for second mode of rootworm control
- Excellent silage option north
- Avoid wet feet
- Responds well to sidedressing



It will fool you with more corn than it looks.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)				Root Strength			
	C	A	B				
Not Advised							
Suitable							
Good							
Excellent							

GLYPHOSATE

Liberty® 

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 8
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 6

POPULATION

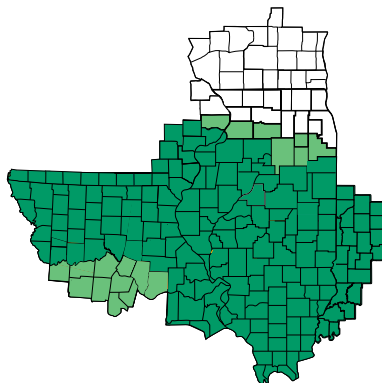
31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 8
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: 7
Goss's wilt: 7
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1470
GDD to 30%: 2900
Ear retention: 8
High tonnage silage: 9
Harvest residue: 9

REFUGE

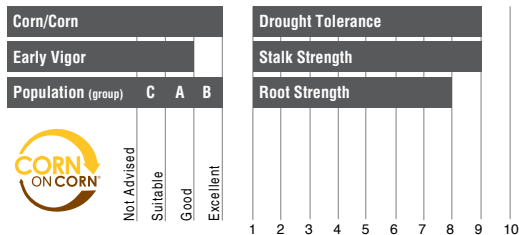
20% structured refuge
Burrus 6T51 GT, Power Plus® 6F71 R™*
Power Plus® 4J99 R™*

6F74AMX^{TM*}

Brand

**113 Day Maturity**

- No separate refuge needed in the corn belt
- Good drought tolerance as it prefers well drained soils
- Very good leaf disease and ear rot tolerances
- Huge root system

Strongest performance in tough situations.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 7
 Ear height: 7
 Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
 High organic soils: 8
 Timber soils: 9
 Clay & varied soils: 9
 Sand (dryland): 9
 Sand (irrigated): 7
 Wet soils: 6

POPULATION

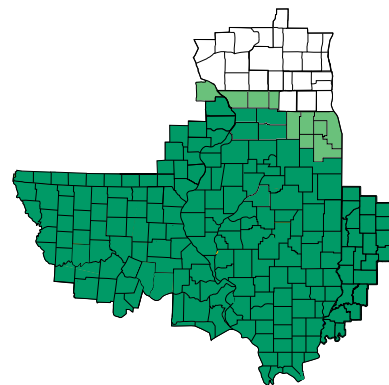
31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 9
 No. leaf blight tolerance: 7
 Anthracnose tolerance: 8
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 7
 Goss's wilt: 8
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8* (premium potential)
 Test weight: 8
 GDD to silk: 1360
 GDD to 30%: 2800
 Ear retention: 9
 High tonnage silage: 9
 Harvest residue: 9

REFUGE

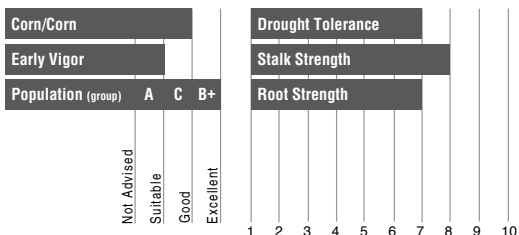
Integrated refuge

6P75AMX^{TM*}

Brand

**113 Day Maturity**

- Performs best on high productivity soils
- Responds to fungicides
- Tall plants with high ear placement
- Great in zones 6, 7, and 8

The yield dynamo.

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 8
 Ear height: 8
 Ear type: Flex

PLANTING INFO

Speed of emergence: 7
 High organic soils: 10
 Timber soils: 7
 Clay & varied soils: 7
 Sand (dryland): 6
 Sand (irrigated): 10
 Wet soils: 8

POPULATION

33 – 35
 29 – 31
 29 – 31
 25 – 27
 33 – 35

AGRONOMIC PACKAGE

Fall appearance: 7
 No. leaf blight tolerance: 8
 Anthracnose tolerance: 7
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 7
 Goss's wilt: 8
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
 Test weight: 7
 GDD to silk: 1420
 GDD to 30%: 2750
 Ear retention: 7
 High tonnage silage: 9
 Harvest residue: 8


REFUGE

Integrated refuge


7A18 Q^{TM*}

Brand

114 Day Maturity







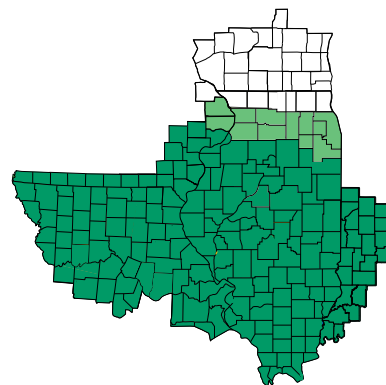
- Great choice for the corn rootworm areas
- Exceptional drought tolerance
- Nice stay green with good stalks and roots



Off the chart performance.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	A	C	B	Root Strength	
Not Advised	Suitable	Good	Excellent		
				1	2
				3	4
				5	6
				7	8
				9	10



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 8
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 9
Sand (irrigated): 10
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 5
Anthracnose tolerance: 5
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: 8
Goss's wilt: NR
Plant growth regulator sensitivity: 6
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 9* (premium potential)
Test weight: 8
GDD to silk: 1450
GDD to 30%: 2900
Ear retention: 9
High tonnage silage: 9
Harvest residue: 10


REFUGE

20% structured refuge
Power Plus® 6F71 R^{TM*}, Burrus 6T51 GT,
Power Plus® 4J99 R^{TM*}


9C24 3010A

Brand

95 Day Maturity






- High yielding, ultra-early platform
- Agrisure Artesian® drought technology
- Ear flex allows moderate populations
- Medium tall with dual-purpose utility



New take on proven genetics.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	A	C	B	Root Strength	
Not Advised	Suitable	Good	Excellent		
				1	2
				3	4
				5	6
				7	8
				9	10



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 8
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 8
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 7
Anthracnose tolerance: 7
Gray leaf spot tolerance: NR
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:



HARVEST INFORMATION

Grain quality: 8
Test weight: 8
GDD to silk: 1275
GDD to 30%: 2240
Ear retention: 7
High tonnage silage: 9
Harvest residue: 7

REFUGE

20% structured refuge
Hughes 2428 GTA

*® Power Plus is a registered trademark of Pioneer.
Power Plus brand is distributed by Burrus.

1G39AM^{TM*}

Brand

101 Day Maturity

- Versatile high yielder
- Strong late season stalk
- Great health package for zone where this maturity is used
- Strong roots and stalk
- Moderate stature and ear height

Exciting new genetics.

Corn/Corn				
Early Vigor				
Population (group)	C	A	B	

Not Advised	Suitable	Good	Excellent
-------------	----------	------	-----------

Drought Tolerance										
Stalk Strength										
Root Strength										

GLYPHOSATE

Liberty[®]

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 7
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 7
Sand (irrigated): 8
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 8
Anthracnose tolerance: 8
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 8
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 8
GDD to silk: 1350
GDD to 30%: 2400
Ear retention: 8
High tonnage silage: 7
Harvest residue: 7

REFUGE

Integrated refuge

2Y06AM^{TM*}

Brand

104 Day Maturity

- High yielder
- Fast dry down
- Works across a range of soils
- Corn borer protection with integrated refuge

The real deal for the stateline area.

Corn/Corn				
Early Vigor				
Population (group)	C	A	B	

Not Advised	Suitable	Good	Excellent
-------------	----------	------	-----------

Drought Tolerance										
Stalk Strength										
Root Strength										

GLYPHOSATE

Liberty[®]

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 8

POPULATION

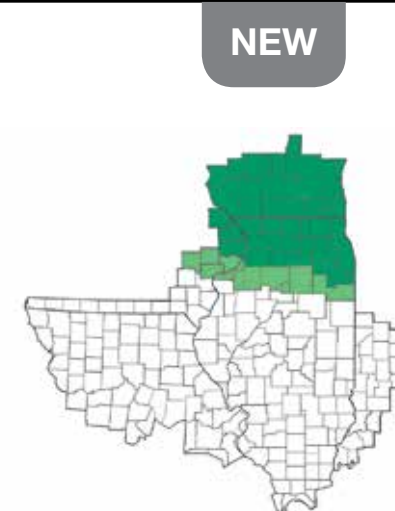
31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 7
Anthracnose tolerance: 7
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 8
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 8
GDD to silk: 1325
GDD to 30%: 2500
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

REFUGE

Integrated refuge

2N82AM™

Brand

105 Day Maturity

The ideal early product for light soils.

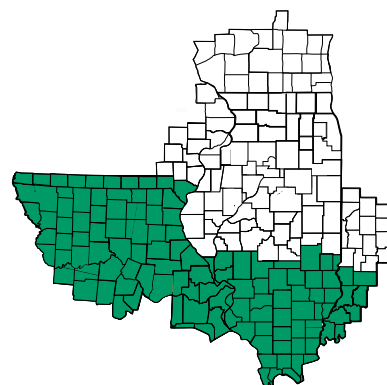
Corn/Corn		Drought Tolerance	
Early Vigor	Population (group)	Stalk Strength	Root Strength
	C B A		
	Not Advised Suitable Good Excellent		
		1 2 3 4 5 6 7 8 9 10	

GLYPHOSATE

Liberty®

LIBERTY LINK

- No additional (or separate) refuge required in the corn belt
- Optimum® AQUAmax® hybrid with great drought tolerance
- The ideal early season product for light soils
- Plant it early



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 5
Ear height: 5
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 7
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 9
Sand (irrigated): 6
Wet soils: 8

POPULATION

34 – 40
31 – 37
31 – 37
26 – 32
34 – 40

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 6
Anthracnose tolerance: 5
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 9
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1310
GDD to 30%: 2680
Ear retention: 9
High tonnage silage: 5
Harvest residue: NR

REFUGE

Integrated refuge

4J93AM™

Brand

109 Day Maturity

Setting a new performance standard at 109 days.

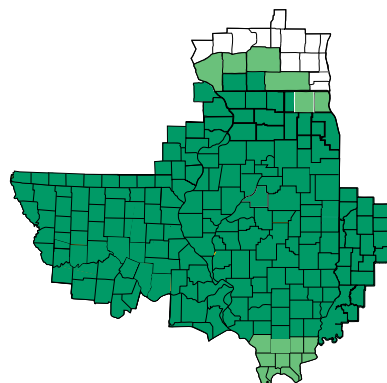
Corn/Corn		Drought Tolerance	
Early Vigor	Population (group)	Stalk Strength	Root Strength
	C A B		
	Not Advised Suitable Good Excellent		
		1 2 3 4 5 6 7 8 9 10	

GLYPHOSATE

Liberty®

LIBERTY LINK

- Short, low ear with excellent ear retention
- Will work across geography and soil types
- Optimum® AQUAmax® hybrid with great drought tolerance
- No refuge needed



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 8
Anthracnose tolerance: 7
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 5
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 8
Test weight: 7
GDD to silk: 1340
GDD to 30%: 2750
Ear retention: 9
High tonnage silage: 5
Harvest residue: 6

REFUGE

Integrated refuge

*® Power Plus is a registered trademark of Pioneer. Power Plus brand is distributed by Burrus.

5K33AM™*

Brand

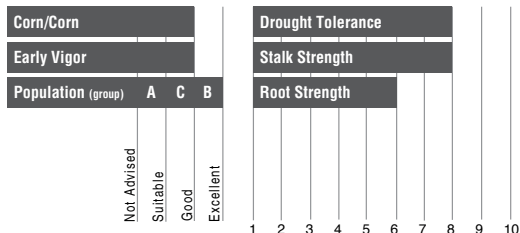
110 Day Maturity



- High yield potential
- Early RM for zones 7 & 8
- Versatility across soil types
- Integrated refuge product
- Good southern movement



Raw yield power with toughness for mixed soils.



GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 8

POPULATION

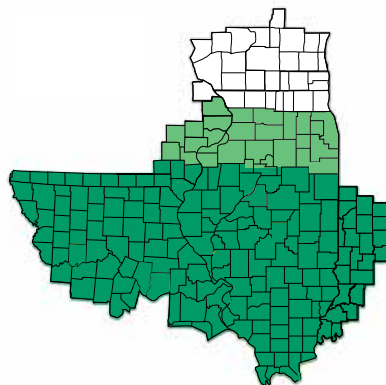
31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 5
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
Test weight: 7
GDD to silk: 1350
GDD to 30%: 2700
Ear retention: 7
High tonnage silage: 9
Harvest residue: 7

REFUGE

Integrated refuge

5009 3220

Brand

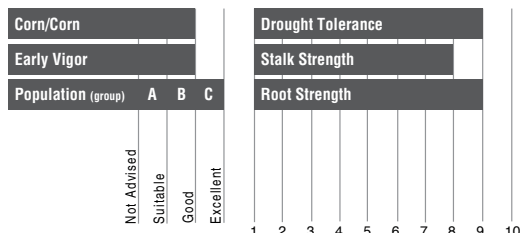
110 Day Maturity



- Position it like you do Power Plus® 6F74™*
- It is for the area outside of the corn rootworm variant
- Stands extremely well, leave it for late harvest
- Great dry down scores
- Handles lighter soils like a dream



Old reliable.



GLYPHOSATE

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 5
Ear type: Flex

PLANTING INFO

Speed of emergence: 8
High organic soils: 7
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 9
Sand (irrigated): 9
Wet soils: 6

POPULATION

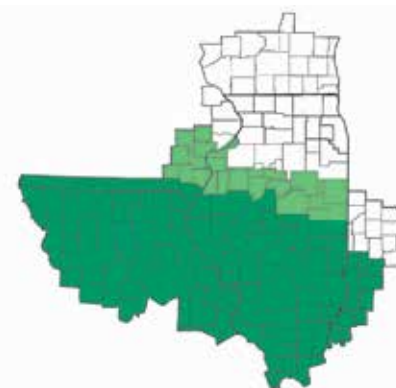
28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 7
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 6
Goss's wilt: 7
Plant growth regulator sensitivity: 6
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1420
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 6
Harvest residue: 5

REFUGE


Integrated refuge

*Catalyst® is a registered trademark of Syngenta Group Company. Catalyst is a Syngenta brand distributed by Burrus.


6C41 S^{TM*}

Brand

112 Day Maturity




- Taller plant type with excellent stalks
- Designed for southern Illinois and Missouri
- Heavy test weight grain
- Squeezes extra grain out of a great year




Hard endo premium candidate.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)	A	B	C	Root Strength			
Not Advised							
Suitable							
Good							
Excellent							
				1	2	3	4
				5	6	7	8
				9	10		

GLYPHOSATE



Liberty[®]



GENERAL CHARACTERISTICS

Plant height: 9
Ear height: 8
Ear type: Flex

PLANTING INFO

Speed of emergence: 9
High organic soils: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

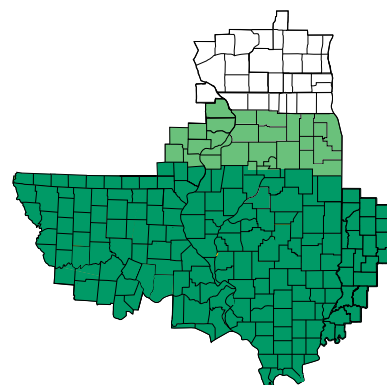
28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 9
No. leaf blight tolerance: 6
Anthracnose tolerance: 7
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: 6
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 10* (premium potential)
Test weight: 10
GDD to silk: 1460
GDD to 30%: 2850
Ear retention: 8
High tonnage silage: 8
Harvest residue: 7


REFUGE

20% structured refuge
Burrus 6T51 GT, Power Plus[®] 6F71 R^{TM*},
Power Plus[®] 4J99 R^{TM*}


6P73AM^{TM*}

Brand

113 Day Maturity




- Performs best on moderate to high productivity soils
- Yield leader
- Good disease package
- Good dry down




Proven top end yields with great agronomics.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)	A	B	C	Root Strength			
Not Advised							
Suitable							
Good							
Excellent							
				1	2	3	4
				5	6	7	8
				9	10		

GLYPHOSATE



Liberty[®]



GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 8
Ear type: Flex

PLANTING INFO

Speed of emergence: 7
High organic soils: 10
Timber soils: 8
Clay & varied soils: 8
Sand (dryland): 6
Sand (irrigated): 10
Wet soils: 8

POPULATION

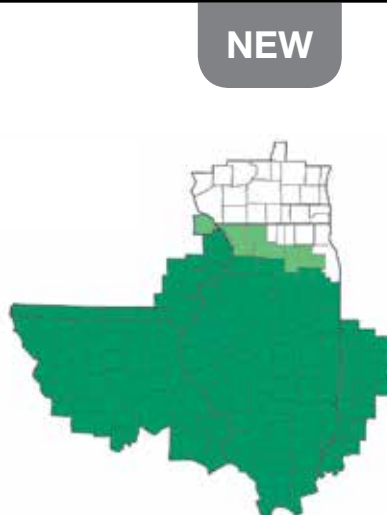
28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 8
Anthracnose tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1420
GDD to 30%: 2750
Ear retention: 7
High tonnage silage: 9
Harvest residue: 8

REFUGE

Integrated refuge

*® Power Plus is a registered trademark of Pioneer.
Power Plus brand is distributed by Burrus.

6N83AM™★

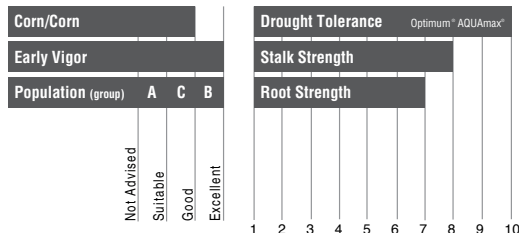
Brand

113 Day Maturity



- Girthy big ears
- Strong stalks with reduced risk of greensnap
- Short plant with a low ear
- Responds to fungicides

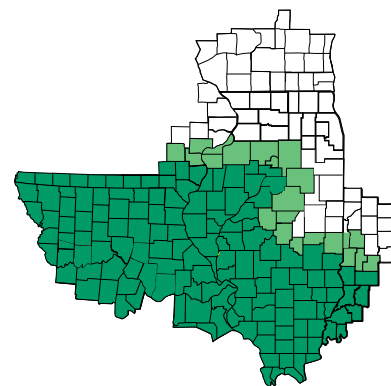
For tough soils – Optimum® AQUAmax® rated.



GLYPHOSATE



Liberty®



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 8
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 8
Wet soils: 7

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 7
Anthracnose tolerance: 6
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 5
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes
Water use efficiency technology: **AQUAmax**

HARVEST INFORMATION

Grain quality: 6
Test weight: 6
GDD to silk: 1400
GDD to 30%: 2740
Ear retention: 8
High tonnage silage: 6
Harvest residue: 7

REFUGE

Integrated refuge

7577 3010

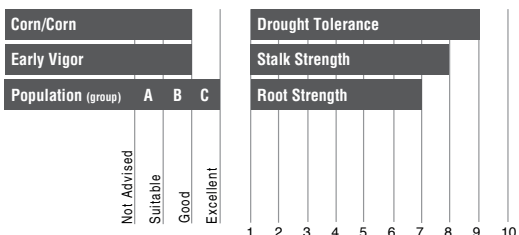
Brand

114 Day Maturity



- Ears out big, plant it thin and win
- Shines in moderate and drought stress environments
- Great stalks and roots
- Beautiful appearance

Provides guts for southern IL and MO.



GLYPHOSATE

Liberty®



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 7
Ear type: Flex

PLANTING INFO

Speed of emergence: 8
High organic soils: 7
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 9
Sand (irrigated): 9
Wet soils: 7

POPULATION

28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: NR
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 8
GDD to silk: 1470
GDD to 30%: 2850
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

REFUGE


20% structured refuge
Burrus 6T51 GT, Power Plus® 6F71 R™*,
Power Plus® 4J99 R™*

*Catalyst® is a registered trademark of Syngenta Group Company.
Catalyst is a Syngenta brand distributed by Burrus.


7H23 S^{TM*}

Brand

114 Day Maturity




- Great drought tolerance allows for wide adaptability
- Excellent ear retention helps extend the harvest window
- Silks early for maturity
- Responds well to sidedressing



Might have the most raw yield potential of any product.

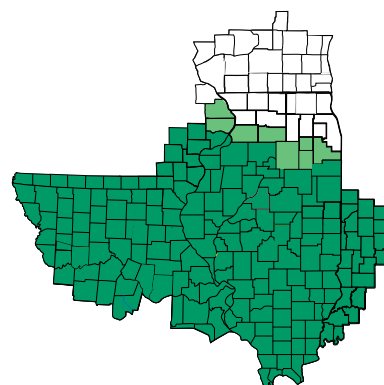
Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	A	C	B	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					
				1	2
				3	4
				5	6
				7	8
				9	10

GLYPHOSATE



Liberty[®]

LIBERTY LINK



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 10
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 5
Anthracnose tolerance: 6
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1350
GDD to 30%: 2850
Ear retention: 9
High tonnage silage: 8
Harvest residue: 8


REFUGE

20% structured refuge
Burrus 6T51 GT, Power Plus[®] 6F71 R^{TM*},
Power Plus[®] 4J99 R^{TM*}


2428 GTA

Brand

100 Day Maturity



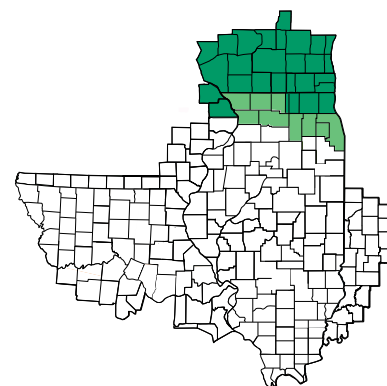
- Excellent performance across soil types
- Very good agronomics in early season product
- Artesian[®] water optimization trait
- Dual purpose hybrid



Early and tough.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	C	B	A	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					
				1	2
				3	4
				5	6
				7	8
				9	10

GLYPHOSATE



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Flex

PLANTING INFO

Speed of emergence: 8
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

34 – 40
31 – 37
31 – 37
26 – 32
34 – 40

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 6
Anthracnose tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:



HARVEST INFORMATION

Grain quality: 7
Test weight: 6
GDD to silk: 1250
GDD to 30%: 2400
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

REFUGE

None needed

* © Power Plus is a registered trademark of Pioneer. Power Plus brand is distributed by Burrus.

2R63 R^{TM*}

Brand

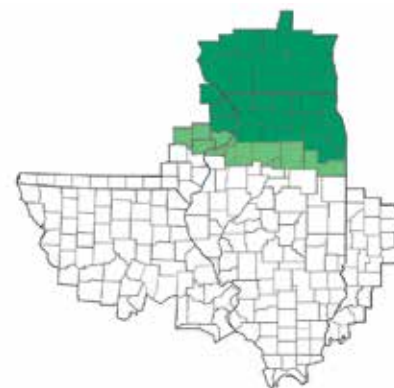
**104 Day Maturity**

- Strong across soil types
- Excellent stalk and root package
- Very good against Goss's Wilt and Northern leaf blight

Developed for the stateline area.

Corn/Corn				Drought Tolerance					
Early Vigor				Stalk Strength					
Population (group)				Root Strength					
	C	A	B						
	Not Advised	Suitable	Good	Excellent					
					1	2	3	4	5
					6	7	8	9	10

GLYPHOSATE

**AREA OF ADAPTION:**

Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Intermediate

Speed of emergence: 8
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 9

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 9
Anthracnose tolerance: 7
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 6
Goss's wilt: 9
Plant growth regulator sensitivity: NR
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1360
GDD to 30%: 2550
Ear retention: 7
High tonnage silage: 8
Harvest residue: 7

REFUGE

None needed

5124 GT

Brand

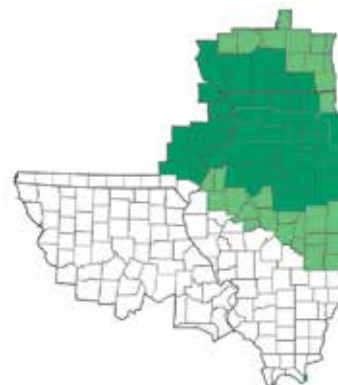
**107 Day Maturity**

- Nice roots to anchor the plant
- Gain incremental yield improvement
- Very good ear-flex supports medium populations

Fits all operations.

Corn/Corn				Drought Tolerance					
Early Vigor				Stalk Strength					
Population (group)				Root Strength					
	A	C	B						
	Not Advised	Suitable	Good	Excellent					
					1	2	3	4	5
					6	7	8	9	10

GLYPHOSATE

**AREA OF ADAPTION:**

Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 7
Ear type: Flex

PLANTING INFO

Speed of emergence: 9
High organic soils: 10
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 6
Anthracnose tolerance: 6
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 6
Goss's wilt: 7
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 6
GDD to silk: 1350
GDD to 30%: 2700
Ear retention: 7
High tonnage silage: 10
Harvest residue: 9

REFUGE

None needed

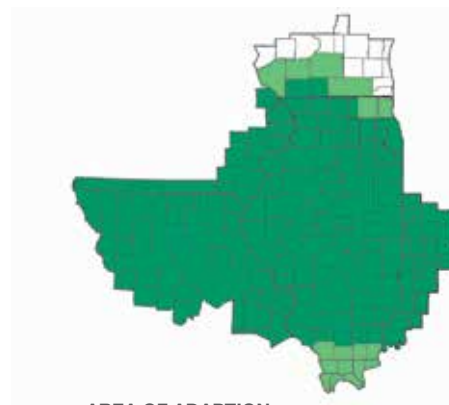
4J99 R™*
Brand

109 Day Maturity

- Works across all soils
- High yield potential but won't look it, as the cob is small
- The kernels are very deep
- Optimum® AQUAmax® technology protects against drought damage
- It can benefit from fungicide application

A Roundup Ready® refuge option.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	C	A	B	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 8
Anthracnose tolerance: 7
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 5
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 8
Test weight: 7
GDD to silk: 1340
GDD to 30%: 2750
Ear retention: 9
High tonnage silage: 5
Harvest residue: 6

REFUGE

None needed

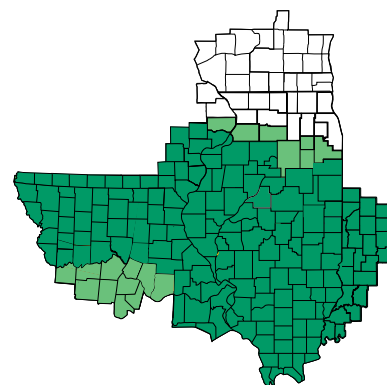
6T51 GT
Brand

113 Day Maturity

- Very high top end yield potential
- Girthy ear with deep kernels
- Great on irrigated sand
- Fits well across soils and environments
- Same family as Burrus 6T54 3000GT

High performance, proven refuge product.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	C	A	B	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 8
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 6

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 8
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: 7
Goss's wilt: 7
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1470
GDD to 30%: 2900
Ear retention: 8
High tonnage silage: 9
Harvest residue: 9

REFUGE

None needed

*® Power Plus is a registered trademark of Pioneer.
Power Plus brand is distributed by Burrus.

6F71 R™*

Brand

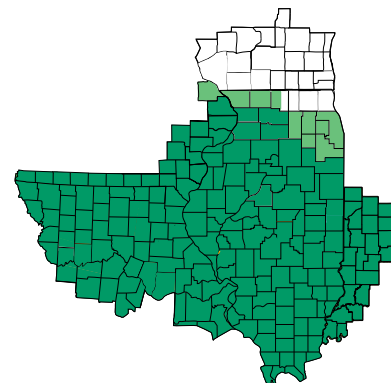
**113 Day Maturity**

- Excellent stalks and very good roots
- Good drought tolerance
- Superb refuge choice
- Huge root system

Plant it with confidence.

Corn/Corn				Drought Tolerance					
Early Vigor				Stalk Strength					
Population (group)				Root Strength					
	C	A	B						
CORN ON CORN	Not Advised	Suitable	Good	Excellent					
					1	2	3	4	5
					6	7	8	9	10

GLYPHOSATE

**AREA OF ADAPTION:**

Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 8
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 9
Sand (irrigated): 7
Wet soils: 7

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 9
No. leaf blight tolerance: 7
Anthracnose tolerance: 8
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 8* (premium potential)
Test weight: 8
GDD to silk: 1360
GDD to 30%: 2800
Ear retention: 9
High tonnage silage: 9
Harvest residue: 9

REFUGE

None needed

3442

Brand

**102 Day Maturity**

- Good health package
- Not recommended for drought-prone soil
- Very good stalks and roots
- Medium plant size adds stability

High yield with non-GM freedom.

Corn/Corn				Drought Tolerance					
Early Vigor				Stalk Strength					
Population (group)				Root Strength					
	A	C	B						
CONVENTIONAL HERBICIDES ONLY	Not Advised	Suitable	Good	Excellent					
					1	2	3	4	5
					6	7	8	9	10

CONVENTIONAL HERBICIDES ONLY

**AREA OF ADAPTION:**

Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Fixed

PLANTING INFO

Speed of emergence: 8
High organic soils: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 9

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 8
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: NR
Goss's wilt: 7
Plant growth regulator sensitivity: 5
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7* (premium potential)
Test weight: 7
GDD to silk: 1220
GDD to 30%: 2400
Ear retention: 9
High tonnage silage: 7
Harvest residue: 7

REFUGE

None needed

2R67™
Brand

105 Day Maturity

- Versatile high yielder
- Excellent disease package
- Great roots and stalks

Developed for the stateline area.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	C	A	B	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					

CORN ON CORN

1 2 3 4 5 6 7 8 9 10

CONVENTIONAL HERBICIDES ONLY



AREA OF ADAPTION:
 Dark Green - Primary
 Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
 Ear height: 7
 Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
 High organic soils: 9
 Timber soils: 9
 Clay & varied soils: 8
 Sand (dryland): 7
 Sand (irrigated): 8
 Wet soils: 8

POPULATION

31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
 No. leaf blight tolerance: 9
 Anthracnose tolerance: 7
 Gray leaf spot tolerance: 8
 Diplodia ear rot tolerance: 6
 Goss's wilt: 9
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

Grain quality: 7
 Test weight: 7
 GDD to silk: 1360
 GDD to 30%: 2550
 Ear retention: 7
 High tonnage silage: 8
 Harvest residue: 7

REFUGE

None needed

4J90™
Brand

109 Day Maturity

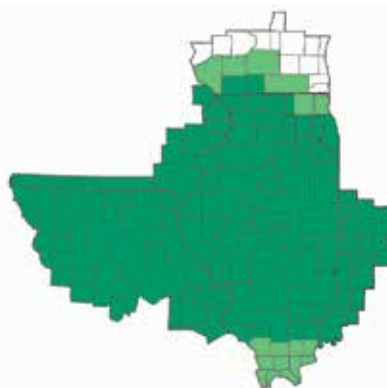
- High yield potential with dry grain
- It yields more than it looks
- The kernels are very deep
- Deep kernels sit on small cobs
- Will respond to fungicide application

Our first conventional Optimum® AQUAmax® product.

Corn/Corn				Drought Tolerance	
Early Vigor				Stalk Strength	
Population (group)	C	A	B	Root Strength	
Not Advised					
Suitable					
Good					
Excellent					

1 2 3 4 5 6 7 8 9 10

CONVENTIONAL HERBICIDES ONLY



AREA OF ADAPTION:
 Dark Green - Primary
 Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
 Ear height: 6
 Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
 High organic soils: 9
 Timber soils: 9
 Clay & varied soils: 9
 Sand (dryland): 6
 Sand (irrigated): 9
 Wet soils: 8

POPULATION

31 – 37
 27 – 33
 27 – 33
 23 – 29
 31 – 37

AGRONOMIC PACKAGE

Fall appearance: 7
 No. leaf blight tolerance: 8
 Anthracnose tolerance: 7
 Gray leaf spot tolerance: 5
 Diplodia ear rot tolerance: 5
 Goss's wilt: 8
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes
 Water use efficiency technology:

HARVEST INFORMATION

Grain quality: 8
 Test weight: 7
 GDD to silk: 1340
 GDD to 30%: 2750
 Ear retention: 9
 High tonnage silage: 5
 Harvest residue: 6

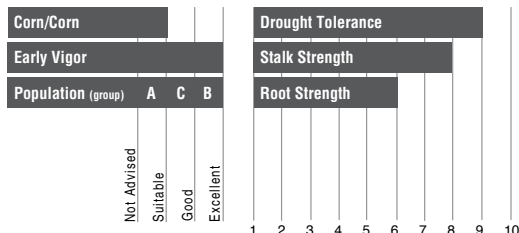
REFUGE

None needed

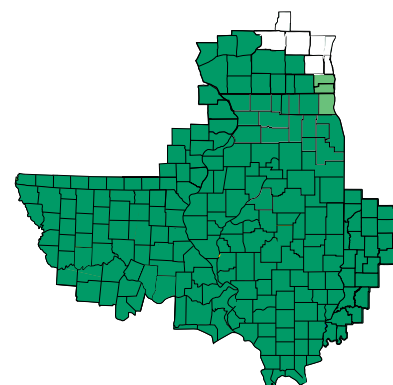
*® Power Plus is a registered trademark of Pioneer.
 Power Plus brand is distributed by Burrus.

5N48™*
Brand**POWER
PLUS****110S/108N Day Maturity****Super yield potential, fast drying.**

- Good stalks
- Excels under higher management practices like fungicide applications
- Avoid corn after corn and dryland sand



CONVENTIONAL HERBICIDES ONLY



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 6
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 8
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 8
Wet soils: 9

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 7
Anthracnose tolerance: 5
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 7
Goss's wilt: NR
Plant growth regulator sensitivity: 8
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes

HARVEST INFORMATION

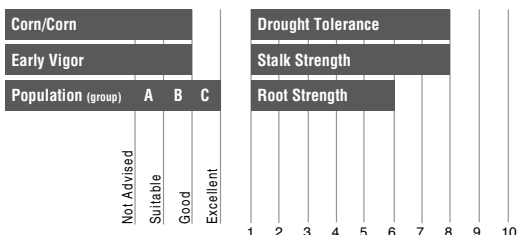
Grain quality: 9* (premium potential)
Test weight: 8
GDD to silk: 1360
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 8
Harvest residue: 9

REFUGE

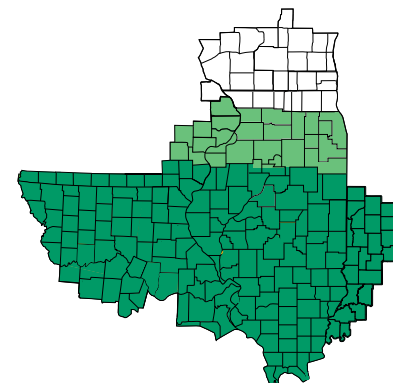
None needed

6C40™*
Brand**POWER
PLUS****112 Day Maturity****Hard endo premium candidate.**

- Marked by its high end potential yield response and consistency
- Taller plant type with excellent stalks
- Heavy test weight grain is the foundation
- Does not respond to higher density



CONVENTIONAL HERBICIDES ONLY



AREA OF ADAPTION:
Dark Green - Primary
Light Green - Secondary

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 7
Ear type: Flex

PLANTING INFO

Speed of emergence: 9
High organic soils: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

28 – 34
26 – 32
26 – 32
21 – 27
28 – 34

AGRONOMIC PACKAGE

Fall appearance: 9
No. leaf blight tolerance: 6
Anthracnose tolerance: 7
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: 6
Greensnap tolerance: 7

PROTECTION

Nematode protection: Yes


HARVEST INFORMATION

Grain quality: 10* (premium potential)
Test weight: 10
GDD to silk: 1420
GDD to 30%: 2850
Ear retention: 8
High tonnage silage: 8
Harvest residue: 7


REFUGE

None needed

6Q60
Brand



113 Day Maturity



- Cranks out big yield potential on the good soils
- It has the guts to perform on light and varied soils
- Solid stalks
- Good root ratings
- Mid population will optimize its performance

Wide adaptation on all soils.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)				Root Strength			
	A	C	B				
Not Advised							
Suitable							
Good							
Excellent							

1 2 3 4 5 6 7 8 9 10

CONVENTIONAL HERBICIDES ONLY

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 8
Timber soils: 8
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 8
Anthracnose tolerance: NR
Gray leaf spot tolerance: 6
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary


HARVEST INFORMATION

Grain quality: 6
Test weight: 6
GDD to silk: 1470
GDD to 30%: 2800
Ear retention: 8
High tonnage silage: 9
Harvest residue: 6


REFUGE

None needed

7H20™*
Brand



114 Day Maturity



- Same genetics as Power Plus® 7H23 S™*
- Designed for central & southern IL and MO
- Works well across soils and various yield environments
- Great on irrigated sand

Exceptional yield potential.

Corn/Corn				Drought Tolerance			
Early Vigor				Stalk Strength			
Population (group)				Root Strength			
	A	C	B				
Not Advised							
Suitable							
Good							
Excellent							

1 2 3 4 5 6 7 8 9 10

CONVENTIONAL HERBICIDES ONLY

GENERAL CHARACTERISTICS

Plant height: 7
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 10
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 8
Sand (irrigated): 9
Wet soils: 8

POPULATION

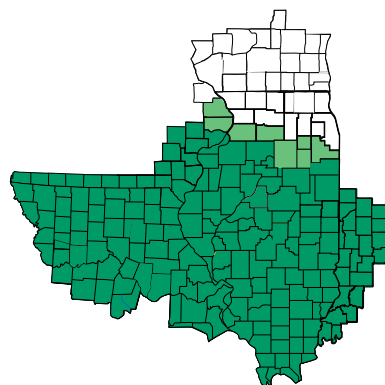
31 – 37
27 – 33
27 – 33
23 – 29
31 – 37

AGRONOMIC PACKAGE

Fall appearance: 8
No. leaf blight tolerance: 5
Anthracnose tolerance: 6
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

PROTECTION

Nematode protection: Yes



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1350
GDD to 30%: 2850
Ear retention: 9
High tonnage silage: 8
Harvest residue: 8

REFUGE

None needed

*® Power Plus is a registered trademark of Pioneer.
Power Plus brand is distributed by Burrus.



CORN PLANTING RATES

Soil Type	A		B		C	
High organic soils	34-40,000		31-37,000		28-34,000	
Timber soils	31-37,000		27-33,000		26-32,000	
Clay & varied soils	31-37,000		27-33,000		26-32,000	
Sand (dryland)	26-32,000		23-29,000		21-27,000	
Sand (irrigated)	34-40,000		31-37,000		28-34,000	
Brand products	2428 GTA	1G39AM™*	4J90™*	5N48™*	6N83AM™*	3H85AMX™*
	2V56AMX™*	1G48AMXT™*	4J93AM™*	6L45AMT™*	7H20™*	5009 3220
	2N82AM™*	1S26AMXT™*	4J95AMX™*	6T51 GT	7H23 S™*	6216 3111A
	2F91AMXT™*	2B77AMXT™*	4J99 R™*	6T54 3000GT	7A18 Q™*	6C40™*
		2R67™*	5C17AMXT™*	6Q60	9C24 3010A	6C41 S™*
		2R63 R™*	5124 GT	6F71 R™*		6P73AM™*
		2Y06AM™*	5K33AM™*	6F74AMX™*		7577 3010
		3442	5K35AMX™*	6P75AMX™*		

+ Plant 5C17AMXT™* and 6P75 AMX™* at the mid-range for your soil type, e.g., drop 34,000 on high organic soils rather than 31-37,000.

Best standability is normally achieved at the lowest recommended rates. Allows for a 10% stand loss.

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*Power Plus®, Optimum®, AcreMax®, TRIsect® and AQUAmax® are registered trademarks of Pioneer.

SOYBEAN PLANTING RATES

Row width	7.5 inch	15 inch	30 inch
Untreated	190-200	165-175	150-160
PowerShield® (fully treated)	160-170	135-145	125-135
PowerShield® SDS	160-170	135-145	125-135

1,000 SEEDS PER ACRE

Use higher end of range in less than ideal conditions.



GUIDE TO ACCURATE CORN PLANTING

Use the chart below for setting your planter.

John Deere Finger Pickup Kinze Finger Pickup *1	Reduce speed 10% 35-39#, Reduce speed by 33% below 35#
John Deere Vacuum Pickup	A50617 40-88#, A43215 25-50#, H136478 25-35#
Case IH & IHC Early Riser	Corn Drum 30-80#, Popcorn Drum less than 35#, New E pocket drum for problem sizes
Case IHC 1200 New Holland SP Series	4855 Disc for 30-70#, 4845 disc below 50#
Ford or White Air 5400	247396B 57-73#, 247454B 42-62#, 247535B 28-50#
White Air 5100	247917B 57-73#, 247707B 42-62#, 248505B 28-50#, 247957B 22-33#
White Air 6000 New Idea 9000	852434 57-73#, 852435 42-62#, 852436 25-50#, 852437 22-33#
Deutz Allis	Seed Disc X Large (585805) 59# & over, Large (586141) 45-60#, Medium (585807) 39-52#, Sm/Medium (1501872) 30-39#, Small (587485) 30# & less

PLATELESS PLANTERS

SEED SIZE weight per 80,000 kernel unit		SURE DROP 2 under 30#	SURE DROP 3 30-39#	SURE DROP 4 40-49#	SURE DROP 5 50-59#	SURE DROP 6 60-69#	SURE DROP 7 70# and over
Burrus Xtra seed treatment (Poncho® 500)** High rate Poncho (Poncho 1250)**		BX2 HP2	BX3 HP3	BX4 HP4	BX5 HP5	BX6 HP6	BX7 HP7
John Deere/Kinze Finger Pickup *1 *7	Max. Speed *2	66% *3	66-90% *3 *5	100%	100%	100%	100%
John Deere Vacuum Pickup *6	Disc Size Vacuum Inches	A43215 7-13	A43215 7-12	A43215 10-13	A50617 7-10 9-13	A50617 10-13	A50617 13-15
John Deere Extract/Emerge Vac Meter *6	Vacuum Inches	consult manufacturer	4-8	8-10	9-13	13-15	17-20
Kinze Edge Vac *7	Disc Size Vacuum Inches *8 Singulator *8	Regular Corn not recommended not recommended	Regular Corn 20 8	Regular Corn 20 8	Regular Corn 20 8	Regular Corn 20 8	Regular Corn 20 5
Case IH and IHC Early Riser	Drum Hopper Pres. *4 Brush Setting	Popcorn or Corn *5 8-9 oz. 1/2 down	Popcorn 10 oz. Wire down	Corn *5 8-9 oz. up	Corn 9-10 oz. Lt. Contact Down	Corn 10-12 oz. Remove	Corn 12 oz. max Remove
Case IHC 1200 *7 New Holland SP Series	Disc Size Vacuum Singulator	4845 20 1.5	4855 18 1.75	4845 22 1.75	4855 18 1.75	4855 20 1.75	4855 20 1.75
White Air 6000 and New Idea 9000	Disc Size	852436	852436 or 852437	852435 or 852436	852434 or 852435	852434	852434

*1 Also for Black Machine, Great Plains, Buffalo Finger Pickup, JD1535 drill.

*2 For maximum planter speed, multiply the percentage shown times recommended speed range in operator's manual

*3 Worn ripples on the carrier plate can increase overdrop drastically.

*4 For IHC Cyclo Air models, deduct 1 ounce of air pressure.

*5 Recommendation does not fit every weight in this SureDrop size. Consult recommended weight range above or on your operator's manual.

*6 Consult operator's manual for talc recommendation. Double recommendation for Poncho treated seed.

*7 Consult operator's manual for graphite recommendation.

*8 Check field performance for specific settings.

For other plate planter recommendations, call our office toll free at (877) 4 BURRUS.

BX6's and BX7's will be packaged in 40,000 kernel bags, sold as 80,000 units so two bags equal one unit when they weigh above 65 lbs/80 M.

Always use SuperFLOW™ or talc/graphite, etc. according to the label for lubricant to avoid bridging in the planter box.



FOR BIG YIELDS AND KNOCKING OUT WEEDS YOU'D WRITTEN OFF AS UNCONTROLLABLE, PLANT BURRUS FOR CLEANER FIELDS, DRIFT CONTROL, AND WHOLE-FARM PROFITABILITY.

ARE THERE CHEMICALS TO AVOID?

Group	Brand	ALS Sulfonylureas	Plant Growth Regulators	HPPD Inhibitors	Glyphosate	Glufosinate	PPO Inhibitors
Above/Below-Ground Insect Control	Power Plus® 1S26AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 1G48AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 2F91AMXT™*	■	▼	●	●	●	▼
	Power Plus® 2B77AMXT™*	▼	■	▼	●	●	●
	Power Plus® 2V56AMX™*	▼	■	●	●	●	NA*
	Power Plus® 3H85AMX™*	▼	■	●	●	●	▼
	Power Plus® 4J95AMX™*	■	▼	●	●	●	●
	Power Plus® 5C17AMXT™*	▼	▼	●	●	●	●
	Power Plus® 5K35AMX™*	■	▼	▼	●	●	▼
	Catalyst 6216 3111A	▼	▼	●	●	●	●
	Power Plus® 6L45AMT™*	■	▼	▼	●	●	●
	Burrus 6T54 3000GT	▼	●	▼	●	●	●
	Power Plus® 6F74AMX™*	▼	▼	●	●	●	NA*
	Power Plus® 6P75AMX™*	■	▼	▼	●	●	●
	Power Plus® 7A18 Q™*	▼	▼	●	●	●	●
Above-Ground Insect Control	Hughes 9C24 3010A	▼	▼	▼	●	●	■
	Power Plus® 1G39AM™*	▼	▼	●	●	●	▼
	Power Plus® 2Y06AM™*	▼	●	▼	●	●	▼
	Power Plus® 2N82AM™*	▼	▼	●	●	●	NA*
	Power Plus® 4J93AM™*	■	▼	●	●	●	●
	Power Plus® 5K33AM™*	■	▼	▼	●	●	▼
	Catalyst 5009 3220	▼	▼	▼	●	■	NA*
	Power Plus® 6C41 S™*	▼	▼	●	●	●	●
	Power Plus® 6P73AM™*	■	▼	▼	●	●	●
	Power Plus® 6N83AM™*	▼	▼	●	●	●	NA*
	Catalyst 7577 3010	▼	▼	▼	●	●	■
	Power Plus® 7H23 S™*	▼	■	●	●	●	NA*
Glyphosate-Resistant	Hughes 2428 GTA	▼	▼	●	●	■	■
	Power Plus® 2R63 R™*	▼	■	●	●	■	▼
	Hughes 5124 GT	▼	▼	●	●	■	▼
	Power Plus® 4J99 R™*	■	▼	●	●	■	●
	Burrus 6T51 GT	▼	●	▼	●	■	●
	Power Plus® 6F71 R™*	▼	▼	●	●	■	NA*
Non-GM	Hughes 3442	■	▼	●	■	■	NA*
	Power Plus® 2R67™*	▼	■	●	■	■	NA*
	Power Plus® 4J90™*	■	▼	●	■	■	●
	Power Plus® 5N48™*	▼	●	●	■	■	●
	Power Plus® 6C40™*	▼	●	●	■	■	●
	Burrus 6Q60	▼	▼	●	■	■	▼
	Power Plus® 7H20™*	▼	■	●	■	■	NA*

GROUP NUMBER - TRADENAME

2 - Accent®
2 - Resolve Q®
2 - Steadfast®
2 - Permit®
2 - Basis®

4 - 2,4-D
4 - Banvel®
4, 19 - Status®
4 - Clarity®

4 - Distinct®
4, 5 - Marksman®
4 - Stinger®

27 - Balance Flexx®
27 - Callisto®
27 - Impact®
27 - Laudis®

9 - Roundup®
9 - Touchdown®
9 - Generic
glyphosate

10 - Liberty®

14 - Aim®
14, 15 - Verdict®
14 - Sharpen®

HERBICIDE CLASSIFICATION BY GROUP NUMBER - SITE OF ACTION

1 - ACC-ase (lipid synthesis)
2 - ALS (amino acid synthesis)
3 - Tubulin (cell division)
4 - Auxin binding site (synthetic auxin)
5 - D1 Protein (Photosystem II inhibition)
6, 7 - D1 Protein (Photosystem II inhibition)
9 - EPSPS (shikimic acid pathway inhibition)
10 - Glutamine synthetase
(photosynthesis inhibition)
13 - DPX synthase (carotene synthesis)

14 - PPO (chlorophyll synthesis)
15 - Unknown (LC fatty acid synthesis)
19 - Unknown (Auxin transport)
22 - Unknown (Photosystem I inhibition)
27 - HPPD (carotene synthesis)

KEY

● Use
▼ Use with caution
■ Do not use

*Consult with your Account Manager when choosing a herbicide program.

SOYBEAN RATINGS AND CHARACTERISTICS

GLYPHOSATE HERBICIDE TOLERANCE

Soybeans with glyphosate-tolerant gene	Maturity	Soybean Cyst Nematode	Emergence	Standability	Shattering Score	Phytophthora (PRR)	Brown Stem Rot (BSR)	Sudden Death (SDS) Tolerance	Frogeye Leaf Spot Tolerance	White Mold	Iron Chlorosis	Canopy Width	Plant Height	Light Soils	Pubescence
Power Plus® Brand 20B7™	2.0	Peking	7	9	8	5	8	6	9	6	5	5	7	5	L. Tawny
Power Plus® Brand 24P4™	2.4	Peking	9	8	7	6	7	6	9	5	6	6	7	6	L. Tawny
Hughes Brand 555	2.5	PI88788	9	9	9	6	7	6	NR	6	3	6	7	7	L. Tawny
Power Plus® Brand 25A5™	2.5	PI88788	7	9	NR	5	9	5	7	6	6	6	7	8	L. Tawny
Power Plus® Brand 26Z5™	2.6	PI88788	8	9	NR	5	9	5	7	7	6	6	8	8	L. Tawny
Power Plus® Brand 28H5™	2.8	PI88788	8	8	8	7	5	6	9	5	5	8	6	7	Gray
Power Plus® Brand 28V2™	2.8	PI88788	9	9	7	5	8	7	9	6	4	6	8	8	L. Tawny
Power Plus® Brand 31W7™	3.1	PI88788	7	8	8	6	9	6	5	7	3	5	7	7	L. Tawny
Power Plus® Brand 32D5™	3.2	PI88788	9	8	NR	7	6	6	7	5	5	8	6	5	L. Tawny
Power Plus® Brand 35C7™	3.5	PI88788	8	8	8	6	9	7	4	5	5	8	7	9	L. Tawny
Power Plus® Brand 36J3™	3.6	PI88788	9	9	8	7	6	7	6	5	4	7	7	7	L. Tawny
Power Plus® Brand 37S7™	3.7	PI88788	8	9	8	6	9	8	5	7	3	7	7	8	L. Tawny
Power Plus® Brand 38K6™	3.8	PI88788	9	7	NR	5	9	7	5	5	5	7	8	9	L. Tawny
Power Plus® Brand 39R5™	3.9	PI88788	8	8	NR	6	NR	6	9	5	5	8	7	8	Tawny
Power Plus® Brand 41M4™	4.1	PI88788	10	9	8	7	7	7	5	4	4	7	6	7	L. Tawny
Power Plus® Brand 42V6™	4.2	PI88788	9	9	9	7	6	7	7	5	4	7	8	8	L. Tawny
Power Plus® Brand 46A5™	4.6	PI88788	8	9	9	6	6	7	7	NR	4	8	9	9	Tawny

ROUNDUP READY 2 XTEND®

Power Plus® Brand 36A1X™	3.6	PI88788	8	8	8	5	9	6	4	NR	5	7	7	7	Gray
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GLUFOSINATE HERBICIDE TOLERANCE

Soybeans with glufosinate-tolerant gene	Maturity	Soybean Cyst Nematode	Emergence	Standability	Shattering Score	Phytophthora (PRR)	Brown Stem Rot (BSR)	Sudden Death (SDS) Tolerance	Frogeye Leaf Spot Tolerance	White Mold	Iron Chlorosis	Canopy Width	Plant Height	Light Soils	Pubescence
Hughes Brand 236LL	2.3	PI88788	9	8	9	6	7	6	NR	6	8	7	7	7	L. Tawny
Hughes Brand 266LL	2.6	PI88788	9	8	9	6	8	7	NR	6	6	7	7	7	L. Tawny
Hughes Brand 285LL	2.8	PI88788	10	9	9	8	8	5	NR	7	7	7	8	8	Gray
Hoblit Brand 355LL	3.5	PI88788	10	9	9	8	8	7	7	7	8	8	7	8	L. Tawny
Hoblit Brand 384LL	3.8	PI88788	9	9	9	8	NR	5	7	NR	7	8	7	7	L. Tawny
Hoblit Brand 405LL	4.0	PI88788	10	9	9	8	8	7	8	7	7	6	7	8	L. Tawny
Hoblit Brand 426LL	4.2	PI88788	10	9	9	8	8	8	8	7	NR	7	8	8	L. Tawny
Hoblit Brand 457LL	4.5	PI88788	10	9	9	8	8	8	6	NR	NR	7	7	8	L. Tawny

RATINGS: 10 = BEST, 1 = POOREST, NR = NOT RATED

*Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Pioneer Hi-Bred.

IMPORTANT: Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by Burrus. Information and scores are assigned by Burrus and are based on period-of-years testing through 2015 harvest and were the latest available at time of printing. Some scores may change after 2016 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.





NEW

20B7™*
Brand**Maturity 2.0**

- Yield potential is high
- Peking source of SCN resistance
- Well-rounded disease package
- Great harvest standability
- Very good against brown stem rot
- Widely adapted line

**24P4™***
Brand**Maturity 2.4**

- Outstanding Peking SCN resistance
- Good Phytophthora resistance and field tolerance
- Exceptional emergence and standability
- Above average plant height and canopy
- Excellent frogeye package with reduced shattering potential
- Good broad disease package

**555** Brand**Maturity 2.5****Glyphosate Tolerant**

- Very showy appearance
- Tremendous performance
- Cyst resistance is very good
- Excellent agronomics
- Best choice for stress-prone areas
- Plant in narrow rows

**25A5™***
Brand**Maturity 2.5**

- Mid-season workhorse
- Versatile 2.5 line
- Widely adapted
- Medium plant type with good branching
- Consider PowerShield® SDS for fields with history of severe disease
- High tolerance to brown stem rot

**26Z5™***
Brand**Maturity 2.6**

- Great all-around performance
- Plant in all environments
- Good white mold rating
- Consider ILeVO® treatment for enhanced SDS tolerance
- Brown stem rot tolerance is high
- Tall plant type handles light soils
- Available with PowerShield® SDS treatment in individual units and EZ load boxes

**28H5™***
Brand**Maturity 2.8****Glyphosate Tolerant**

- Game changing yield potential in Group 2
- Works well on better soils
- Compact plants with wide canopy
- Excellent shattering and frogeye scores
- Great emergence and standability ratings
- Good Phytophthora multi-race scores





NEW

28V2™* Brand**Glyphosate**
Tolerant**Maturity 2.8**

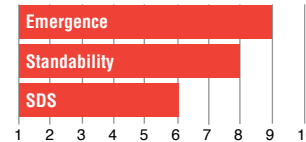
- “Good as gold!”
- Tremendous yield punch with above average plant height
- Very good SCN races 3 and 14 resistance
- Multi-race Phytophthora resistance (Rps1k)
- Average charcoal rot ratings
- Outstanding brown stem rot ratings
- Above average tolerance to aphids
- Excellent harvest standability

**31W7™*** Brand**Glyphosate**
Tolerant**Maturity 3.1**

- Good yield potential
- Will handle the tougher soils
- Excellent white mold tolerance
- Great brown stem rot tolerance
- SCN race 3 and 14 resistance

**32D5™*** Brand**Glyphosate**
Tolerant**Maturity 3.2**

- Durable bean, well suited for moderate to highly productive soils
- Excellent emergence, great standability
- Good frogeye protection
- Great SCN race 3 resistance (PI88788)
- Broad disease package



NEW

35C7™* Brand**Glyphosate**
Tolerant**Maturity 3.5**

- Good across all soil types
- Consistent yields, especially on highly productive soils
- Outstanding brown stem rot score
- Excellent standability, especially on highly productive soils
- Good emergence scores

**36J3™*** Brand**Glyphosate**
Tolerant**Maturity 3.6**

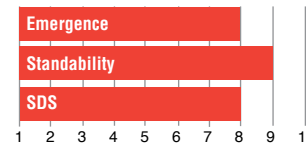
- Landlady eye appeal
- Very good SCN resistance
- Ultra high yield potential on all soil types
- Good Phytophthora and SDS resistance
- Works on all environments
- A new leader for this maturity
- Available with PowerShield® SDS treatment in individual units and EZ load boxes



NEW

37S7™* Brand**Glyphosate**
Tolerant**Maturity 3.7**

- Consistent high yields across all soil types
- Excellent SDS scores
- Great standability on highly productive soils
- Consistently good yields on highly productive soils
- Good SCN race 3 and 14 resistance





38K6™*
Brand



Maturity 3.8

- Prefers better drained soils
- Yield, yield, yield potential
- A Missouri bean
- Grows off rapidly after quick emergence
- 5 bushels better than Power Plus® 38D2™*
- Very good SDS tolerance

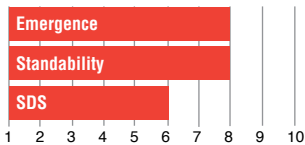


39R5™*
Brand



Maturity 3.9

- Expect a yellow flash
- Exceptional yield potential across all yield environments
- Incredible frogeye scores
- If you struggled with stem canker in the past, this bean is for you!
- Good downy mildew tolerance
- Great emergence and good standability

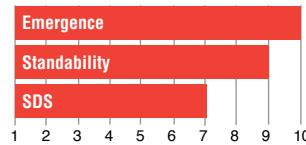


41M4™*
Brand



Maturity 4.1

- Really strong field emergence scores
- Great harvest standability
- Great SCN resistance with PI88788
- Really good Phytophthora tolerance
- Very good tolerance to SDS
- Performs best on better soil types/higher yielding environments
- A possible “kink in the armor” with frogeye leaf spot



ROUNDUP READY 2 XTEND™ SOYBEAN SYSTEM

We are proud to offer a new Roundup Ready 2 Xtend™ variety for 2017, offered through Power Plus® brand products. Growers can experience the new weed control option by planting Power Plus® 36A1X™. This system will handle those hard to control weed species resistant to glyphosate herbicide.

Because labels are not yet published, buffer zones as well as other guidelines are not yet known. The new formulation of VaporGrip™ will be much improved over the old Clarity® (dicamba) herbicides.

In addition, new spray nozzles reduce drift because the droplet size is larger, thus causing them to land nearby.

EXPORT APPROVAL NOTICE: Prior to planting soybeans with Roundup Ready 2 Xtend™ technology, please be aware that while many import market approvals are in place, grain containing this technology may not be approved in some markets and, as of March 22, 2016, is not approved in the European Union (EU). The trait provider has indicated EU trait stack approval for Roundup Ready 2 Xtend technology is in the final stage of approval and is expected but not guaranteed to be received in the near future. Accordingly, grain and certain by-products produced from soybeans with Roundup Ready 2 Xtend technology cannot enter commodity grain streams destined for unapproved locations, including the EU, until the applicable approval is granted. Growers who use Roundup Ready 2 Xtend technology are required to discuss trait acceptance and grain channeling policies with their local grain handler prior to delivery and should only deliver grain to an elevator that agrees grain and by-products will only be marketed in approved markets. Growers can refer to <http://www.biotradestatus.com/> for updated information on import country approvals. Upon anticipated EU approval, DuPont Pioneer will provide to customers who purchased soybeans with Roundup Ready 2 Xtend technology information regarding ongoing Stewardship Requirements for the technology. As of this printing no dicamba herbicide product has been approved for commercial in-crop use with soybeans with Roundup Ready 2 Xtend technology. **DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend technology IN 2016 unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. While no in-crop use of dicamba is currently approved, some dicamba products may be labeled for weed control prior to planting a crop and subject to minimum plant back restrictions. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. 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 soybeans with Roundup Ready 2 Xtend technology and follow all pesticide product labeling. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Soybeans with Roundup Ready 2 Xtend technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Roundup Ready 2 Xtend™ is a trademark of Monsanto Technology LLC used under license.

**ROUNDUP READY 2
XTEND
SOYBEANS**

**HANDLE THOSE
HARD TO CONTROL
WEED SPECIES.**

46A5™* Brand



Glyphosate
Tolerant

Maturity 4.6

- Pummels the competition with remarkable yield potential
- Great on low yield environments
- Great in high yield situations, too
- May yellow flash when sprayed with Roundup®
- Tall with exceptionally wide canopy for early row closure
- Stands well and holds shattering back
- A great bean if you fought stem canker in the past



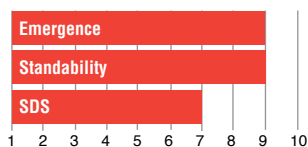
42V6™* Brand



Glyphosate
Tolerant

Maturity 4.2

- Good defensive traits across all soils
- Specifically good on Phytophthora, SCN, and stem canker (frog-eye)
- Great yield potential
- Low shattering
- Very good standability
- Fast emergence



NEW

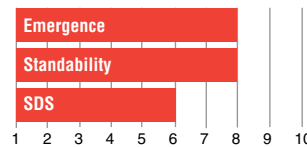
36A1X™* Brand



**ROUNDUP READY 2
XTEND
SOYBEANS**

Maturity 3.6

- New weed control option in mid-Group 3
- Very good yield potential across soil types
- Outstanding SCN race 3 and 14 resistance
- Fantastic brown stem rot tolerance
- Has a 1c gene for Phytophthora with very good field tolerance
- Available with PowerShield® SDS treatment in individual units and EZ load boxes





LIBERTYLINK® SYSTEM

LibertyLink® is a unique mode of action, non-selective herbicide providing excellent weed control. Even glyphosate-resistant weeds can be controlled using this system. LibertyLink soybeans have been tested side-by-side with Roundup Ready 2 Yield® soybeans with a 2.1 bu/a advantage for the LibertyLink beans.

Liberty is a non-volatile chemistry and therefore stays where it is applied. Liberty herbicide does need more water; a carrier with 15 gallons per acre is recommended.

Complete weed coverage is needed because it is a contact weed killer rather than a systemic, like glyphosate. While the price of Liberty herbicide is expected to be somewhat lower in 2017, the royalty on the seed will be slightly higher with a system cost similar to the past.

For best results, spray Liberty when weeds are less than six inches and then spray again 21 days later. As a testament to its effectiveness, our LibertyLink sales have doubled each of the past four years. Plant with confidence.

**LIBERTY
LINK®**

NO DRIFT CONCERNS



LibertyLink® Patent Statement

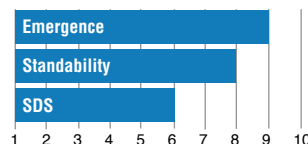
Seeds containing the LibertyLink® trait are protected under multiple U.S. patents and may be planted only to produce one (1) commercial crop, and only after signing a Bayer Grower Technology Agreement. It is illegal to save or catch seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

236LL Brand

Hughes
**LIBERTY
LINK**

Maturity 2.3

- Versatile early LL line
- Plant on any soil type
- Yield performance is excellent
- Medium tall plant type that branches well
- Very good broad-spectrum disease package



266LL Brand

Hughes
**LIBERTY
LINK**

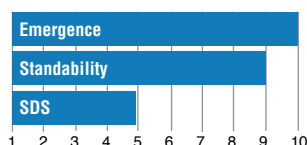
Maturity 2.6

- Plant anywhere
- Big yields, versatile agronomic package
- Medium-tall plant type, widely adapted
- Mid-season LibertyLink® option that performs
- Good ratings for a variety of diseases
- Adds diversity to your genetic package
- Available with PowerShield® SDS treatment in individual units and EZ load boxes

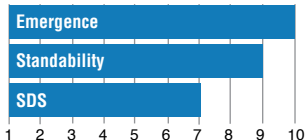


**285LL** BrandLIBERTY
LINK**Maturity 2.8**

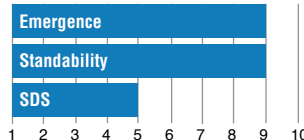
- Works well across all soil types
- Great bean for your lighter soils
- Average plant height with wide canopy
- Emerges quickly and shatters little
- Exceptional disease resistance, Phytophthora, and brown stem rot protection
- Great against white mold and SCN (PI88788)
- Great lodging score, too

**Hoblit 355LL** BrandLIBERTY
LINK**Maturity 3.5**

- Performs well across environments
- Excels on light soils
- Average plant height and wider than average canopy width
- Exceptional disease package so you can rest easy
- Good Phytophthora (Rps1k), brown stem rot and SDS protection
- Outstanding scores on charcoal and Frogeye
- Some of the best emergence, shattering and lodging scores

**Hoblit 384LL** BrandLIBERTY
LINK**Maturity 3.8**

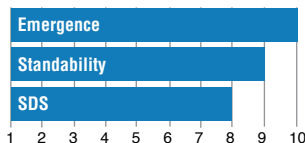
- Exceptional emergence
- Average bean height but good score on light soils
- Nice bean for those a little “shattering shy”
- Great standability
- Good Phytophthora scores
- Available with PowerShield® SDS in individual units and EZ load boxes

**Hoblit 405LL** BrandLIBERTY
LINK**Maturity 4.0**

- Exceptional emergence with average height and width
- Works well across all soils
- Exceptional on lighter soils
- Great bean for the shatter shy
- Exceptional standability
- Great Phytophthora tolerance (Rps1c), so don't worry about resistance
- Very good frogeye, as well as root knot tolerance
- SCN resistance (PI88788)

**Hoblit 426LL** BrandLIBERTY
LINK**Maturity 4.2**

- Stands well with average plant height
- Fast emergence
- Great disease package
- Higher yields
- Works across soil types



NEW

Hoblit 457LL BrandLIBERTY
LINK**Maturity 4.5**

- Outstanding yields
- SCN control with great SDS scores
- Handles diverse conditions
- Great standability
- Protects against brown stem rot





**MORE GRAIN IN THE TANK,
MORE MONEY IN THE BANK.**



ENLIST E3™ SOYBEAN

We are anxious to bring Enlist E3™ soybeans, part of the Enlist™ weed control system, to growers across the Burrus footprint. The soybeans have excellent genetic backgrounds that will deliver competitive yields in maturities from the mid 2s to the early group 4s. For the grower wanting to change all their acres to Enlist E3 soybeans, we will be able to bring a lineup to meet those needs. The preferred herbicide program will include a pre, such as Authority®, followed by 3 ½ to 4 ¾ pints of Enlist Duo® herbicide with 10 to 15 gallons of carrier. If another pass is needed, consider glufosinate herbicide to clean up any escapes. The federal label on Enlist Duo was approved in 2015. The herbicide has no buffer restrictions when sprayed next to a crop that is not susceptible, such as soybeans. There is a 30-foot wind directional buffer when sprayed next to a sensitive area. Best management practices

for nozzles and wind speed help growers make the most of Enlist Duo.

Achieve unrivaled weed control and true yield potential. Take advantage of three modes of action with Enlist E3 soybeans. Protect your farm from resistant weeds by using a different one each time you need to apply a herbicide. The best practice to reduce the weed selection for weed resistant populations is to proactively diversify weed control strategies. Using multiple herbicides with different modes of action and an overlapping weed spectrum can help prevent the onset of resistance. Always use labeled rates.

Enlist Duo contains glyphosate and new 2,4-D with Colex-D® technology. The new 2,4-D formulation has ultra-low volatility (or near zero) with up to 96% reduction compared to traditional forms of 2,4-D. Minimize potential for physical drift when used with low drift spray nozzles. Expect up to a 90% reduction compared to a tank mix of traditional 2,4-D and glyphosate.



**EXCELLENT
GENETIC
BACKGROUNDS**



PROTECTION OF INTELLECTUAL PROPERTY: PVPA AND PATENTS

“Buyer represents he is purchasing the Seed solely for purposes of producing a grain crop, and the Seed, and any product from the Seed, shall not be resold or used as Seed.”

The purchase of this seed does not, and shall not be construed to, transfer ownership of any Plant Variety Protection Act rights, patent rights and other intellectual property rights associated with a Soybean Product. Burrus and Hughes shall take all measures requested by our suppliers (e.g., labeling, requiring contractual agreement with its customers) to protect the PVP and/or intellectual property rights relating to a Soybean Product.

Burrus and Hughes shall print on all bags, tags, brochures and order forms for each Soybean Product which is subject to protection under the Plant Variety Protection Act and/or Patent Act, as applicable:

Soybean Product for which a PVP certificate has been issued or for which such a certificate has been applied will be labeled as such. Unauthorized sales for reproductive purposes prohibited.

For Soybean Product on which a U.S. patent has been issued, or for which a patent has been applied will be labeled as such.

“By contract, use or sale as seed of the product derived from this seed is prohibited.”

Always follow grain marketing, stewardship practices and pesticide label directions. Varieties that are glyphosate tolerant contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

ON FARM ASSESSMENTS

To assess compliance, Burrus will use a third-party to conduct IRM compliance assessments for a randomly selected set of customers who purchased Bt hybrids as well as Genuity® Roundup Ready 2 Yield® soybeans. Following each on-farm assessment, it will be determined if the grower is in compliance. If a grower is found to be out of compliance, Burrus will contact the grower prior to the next growing season to provide compliance assistance. Anyone found to be out of compliance will be checked the following two years. Repeated non compliance can result in loss of access to these technologies.



Glyphosate





YIELD DATA AND TRIAL RESULTS FOR OUR CORN AND SOYBEANS TELL THE STORY — WHOLE FARM PROFITABILITY ACROSS ALL SOIL TYPES.

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YieldGard® is a registered trademark used under license from Monsanto Company. Mustang® Max is a registered trademark of FMC Corporation. ®™ Colex-D, Enlist, Enlist Duo, Herculex and the Enlist Logos are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

Enlist Duo herbicide is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions.

Herculex Insect Protection by Dow AgroSciences and Pioneer Hi-Bred.

*Power Plus® brand seed is distributed by Burrus. Power Plus®, Optimum®, AcreMax®, TRIsect® and AQUAmax® are registered trademarks of Pioneer. Optimum® brand products available through the Power Plus® brand. AM — Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products. AMX — Optimum® AcreMax® Xtra Insect Protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and belowground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products. AMXT (Optimum® AcreMax® XTreme) — Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products. AMT — Optimum® AcreMax® TRIsect® Insect Protection System with RW, YGCB, HX1, LL, RR2. Contains a single-bag refuge solution for above and below ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® I genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax TRIsect products.

Optimum® AQUAmax® product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary.

Bayer, the Bayer Cross, ILeVO®, Poncho®, VOTIVO®, Liberty®, LibertyLink® and the Water Droplet Design, are trademarks of Bayer. Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit BayerCropScience.us. Seed products with the LibertyLink (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate, and combine high yielding genetics with the powerful, non-selective, postemergent weed control of Liberty herbicide for optimum yield and excellent weed control.

Important: Always read and follow label instructions. Some crop protection products may not be registered for sale or use in all states or counties. Avicta 500FS, Avicta Complete Corn 250 and Avicta Complete Corn 500 are Restricted Use Pesticides. For use by certified applicators only. Growers planting Avicta treated seed are not required to be certified applicators. CruiserMaxx Corn 250 is an application of Cruiser 5FS insecticide delivered at the 0.25 mg a.i./seed rate and Maxim Quattro fungicide. Agrisure®, Agrisure Artesian®, Agrisure Viptera®, ApronMaxx®, Apron XL® Artesian™, Avicta®, Catalyst®, Cruiser®, CruiserMaxx®, E-Z Refuge® and Maxim® are trademarks of a Syngenta Group Company. Catalyst® is a Syngenta brand distributed by Burrus.

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. **Caution: Do not spray E-Z Refuge® products with glufosinate ammonium based herbicides, including Liberty® herbicides.** 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. 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.

Always follow grain marketing, stewardship practices and pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.

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. This product has 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 Excellence Through Stewardship.

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity Design®, Genuity Icons, Genuity®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax®, VT Double PRO®, VT Triple PRO® and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. LibertyLink® and the Water Droplet Design® is a registered trademark of Bayer. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association.



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as 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 the most recent stewardship requirements.

WHAT MAKES OUR SEED TREATMENTS SUPERIOR?

Being an independent company, we have the freedom to select seed treatment components from any supplier. While others are married to using their chemistry regardless of performance, we access the highest quality components from four different sources. We are proud of our PowerShield® seed treatment's continued ability to outperform the competition.

COLD EMERGENCE TESTING AND CAREFUL HANDLING. We have conducted cold emergence testing for over 35 years, planting in March to evaluate which seed treatments can establish a stand when conditions are less than ideal. It helps to start with the highest quality seed possible, our pre-harvest protocols start improving cold germination before seed treatments are applied.

RAPID GROW OFF. After germination, we watch the plants grow, selecting the seed treatments that take up nutrients and grow off rapidly and uniformly. Our three biologicals are used to aid in this process, a step few other seed companies take.

MORE YIELD! Our seed treatment package adds 5.3 bu/a compared to Poncho® 250 and 10 bu/a more than the standard fungicide treatment. More seed in the tank means more money in the bank!

SUPERIOR INSECT CONTROL. While we still recommend scouting your fields, we have not had to replant seed corn due to black cutworm or wireworm since moving to Poncho® 500 VOTIVO®. Nearly eliminating the two most devastating early season, below

ground insects is a big deal. This is a value for our growers, as well as our company, because we proudly furnish 100% free replant.

CONTROL MORE FUNGAL PATHOGENS. We use Maxim® Quattro which contains four powerful fungicides that supply both systemic and contact protection. Multiple modes of action provide unsurpassed seed and soil-borne disease protection.

RELIABLE PERFORMANCE. PowerShield Poncho 500 outperforms Poncho 250 in comparisons 80% of the time, meaning you can expect consistent and continued success.

VOTIVO AND AVICTA® COMPLETE CORN PROTECT THE ROOTS FROM NEMATODES. Not only do you get more root and shoot mass, the primary root is elongated for faster penetration in the soil. VOTiVO grows around the roots to fend off the various species of nematodes and Avicta® kills them dead.

Our PowerShield seed treatment on soybeans includes insecticide, multiple fungicides, and biologicals too.

WE COMBINE TREATMENTS TO CREATE A WINNING TEAM. Our soybeans are treated with EverGol® Energy for multiple modes of action of systemic fungicide. Because many of the highest yielding varieties can be weak against Phytophthora, we use a 2X rate of Allegiance® for extra protection.

Finally, our beans are protected from aphids and other early season

insects with the power of Gaucho® 600 insecticide. In addition to keeping fungal diseases at bay, we control early season insects and add 2 to 3 bu/A in yield; it's no wonder 92% of our soybeans are treated with PowerShield year after year.

STRONG GROW OFF. Three biologicals enhance rapid grow off and root development to add yield. Like our corn treatment, we test our soybean PowerShield treatment under cold, wet conditions to ensure we identify the strongest and most effective combination of active ingredients to establish stand. When you plant at least 90% of your soybeans treated with PowerShield seed treatment, you qualify for 100% free replant.

NEW IN 2017! PowerShield for Sudden Death Syndrome (PS SDS) is an option on all soybean varieties that are ordered in EZ load boxes. Our Power Plus® 26Z5™, Power Plus® 36J3™, Hughes 266LL, Hoblit 384LL and Power Plus® 36A1X™ varieties are also available with PS SDS in individual unit packages.

We have done the research: our PowerShield seed treatments are the right formulation of chemistries at the right rate, giving the right return on investment by providing the right performance edge — all at no extra cost. Competitors offer seed treatment upgrades on seed corn for \$17 to \$18 per unit. At Burrus our standard is another's extra mile.



OUR POWERSHIELD SEED TREATMENT ON SOYBEANS INCLUDES INSECTICIDE, MULTIPLE FUNGICIDES, AND BIOLOGICALS TOO.



BURRUS | Toll Free (877) 4 BURRUS | (217) 997-5511
HOBLIT | Atlanta, IL (217) 648-2392
HUGHES | Woodstock, IL | (815) 338-1141 | (888) THE-CORN



Your NEIGHBORS WON'T GET your DRIFT. And that's a good thing.

LIBERTYLINK® AND BURRUS POWERSHIELD® TREATED SOYBEANS ARE A WINNING COMBINATION.

Higher yields, 2.1 bu/a more than RR2 beans, and cleaner fields. We pay attention to the smallest of details for providing the greatest return on investment and controlling weeds that you'd written off as uncontrollable. Plant our LibertyLink beans for whole-farm profitability across all soil types ... and no drift on your neighbors.



We are proud members and supporters of:



STALK US / burrusseed.com