

INDEPENDENT seed
you can **DEPEND** on.

2019 PRODUCT SELECTION GUIDE



Think
BURRUS[®]
PLANT YOUR LEGACY



TRUST THE THIRD AND FOURTH GENERATION FAMILY MEMBERS AT BURRUS TO PROTECT YOUR LEGACY.

DEAR GROWER,

As the famous Bob Dylan song goes, “The times, they are a changin’.” To say the seed industry is changing would seem like an understatement to many. The buyout (Bayer buying Monsanto), the merger (Dow merging with DuPont), and the acquisition (ChemChina purchasing Syngenta) captured most of the ag headlines over the past 18 months. Every “major” in the seed industry has incurred drastic changes in one way or another. Yet, even with tremendous changes happening in the industry, we at Burrus are keeping our head down and our shoulder to the wheel for our customers. We don’t have the distractions of introducing a new business model or accepting someone else’s way of doing business.

We don’t covet the headlines; it isn’t who we are. Since our beginning in 1935, our goal has always been to provide the best products, services and advice to help those who grow our products be successful and profitable. We take our position as an independent seed company very seriously. We give our growers choice with a multiple brand strategy that allows all types of genetic platforms and trait packages. I don’t think I’ve ever met a grower who didn’t like to have choices. Most growers choose to be independent for a variety of reasons - reasons similar to our own.

The Burrus advantage is evident to those who grow the Burrus family of products. Our excellent product lineup is the start, but when you include our outstanding folks in the field, the advantage becomes magnified. We have a team of experts dedicated to helping growers choose the right products to fit their particular needs and management styles. Our team

includes those who condition and treat your seed with years of experience guiding them, as well as the professional sales people asking relevant questions to find solutions to meet your needs. Other team members include our customer service staff who answer the phones and field many of the behind-the-scenes questions; also, our excellent agronomic and research staff. This compilation of experts work together on a daily basis for the benefit of our customers.

We know when you choose to plant Burrus, you have chosen to **Plant Your Legacy**. Trust the third and fourth generation family members at Burrus to protect your legacy. From our multi-generational farmer dealers, whose grandfathers or great-grandfathers started with Burrus, to our multi-generational staff, we know the importance of legacy. To all our loyal growers who have placed their trust in us, thank you. We do not take that lightly.

We share helpful information in a variety of ways. Use this Product Selection Guide as a tool to help select solutions that will work for your operation. Talk to your local Burrus Dealer or Account Manager to get detailed information for the best solutions to match your operation’s goals and management style. Employ our MyFarmsSM Crop Optimization Planner (COP) to solidify those choices, making a plan for each acre. Utilize our years of experience and local testing to target the best products and let us help you **Plant Your Legacy**.

Successfully,

Tim Greene, President

WE KNOW WHEN YOU
CHOOSE TO PLANT BURRUS,
YOU HAVE CHOSEN TO

PLANT YOUR LEGACY.

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BURRUS WELCOMES A NEW BRAND TO THE FAMILY

At Burrus, we believe a key to our success is commitment to a multi-brand strategy, which opens growers' choice of products to what best suits their needs. Independent ownership grants us the opportunity to bring the best traits and genetics from multiple suppliers to our customers. It is our privilege to be on the cutting edge, helping launch a prestigious soybean brand in the US – we are excited to announce the addition of DONMARIO™ to the Burrus family of brands.

DONMARIO is a high-yielding soybean genetics authority with significant market share in six countries worldwide. In fact, DONMARIO is a leading brand in five of the seven largest soybean producing countries in the Americas. DONMARIO has over 50% market share in soybean-rich Argentina; and in 2018, received the prestigious honor of marketing the highest yielding soybean variety in Brazil.

Growers can be assured the launch of DONMARIO in the US is a well-planned effort built on extensive research. DONMARIO began testing varieties in the US in 2006 and established their US soybean breeding program in 2007. Their diligent, sustained effort is aimed to generate a new class of superior soybean genetics specifically developed in the US, for the US.

In 2018 alone, DONMARIO varieties were tested at 112 dedicated US research sites, with almost 300,000 yield test plots across the US. Data from the past 12 years of

testing has provided comprehensive insight into how DONMARIO genetics will perform in the localized regions where it will first be launched, as well as future markets.

The foundation of success for DONMARIO domestically will be the same as it is internationally – a genetics-based approach, backed by three founding principles: First, development of the highest-yielding varieties for local geographies. Second, agronomic support and product stewardship to maximize yield potential. Third, unwavering commitment to quality seed and service.

DONMARIO is a family-owned and operated brand, brought to market in the US by two established families in the seed industry; the Bartolomé family from Buenos Aires, Argentina, who own and operate DONMARIO globally, partnered with the Burrus family. Together, they employ over 120 combined years of seed industry experience to introduce a proven, globally successful brand to American growers.

DONMARIO comes to the US with the belief that the time is right for a fresh option in soybean genetics for American growers. Now is an opportune time for a brand that puts the grower first, is independently owned and operated, and sets a new standard for high-yielding genetics.

Burrus is honored to have worked closely with the Bartolomé family and team over the last two growing seasons to make this possibility a reality. "We expect rapid acceptance of these products as growers become familiar with the DONMARIO history and performance," said Tim Greene. We look forward to introducing you to DONMARIO, a brand that represents access to unique and superior soybean genetics.



Gerardo Bartolomé, owner and founder of DONMARIO Seeds



Ignacio Bartolomé, second generation owner and US lead for DONMARIO Seeds

DONMARIO by the numbers

Numbers tell the story: DONMARIO is proven successful where soybeans matter most.



6

COUNTRIES

A leading global brand in six of the top soybean producing countries worldwide

54%

MARKET SHARE

The leading brand in soybean-rich Argentina

36

YEARS

Almost four decades of soybean innovation

16

MILLION

Units sold annually

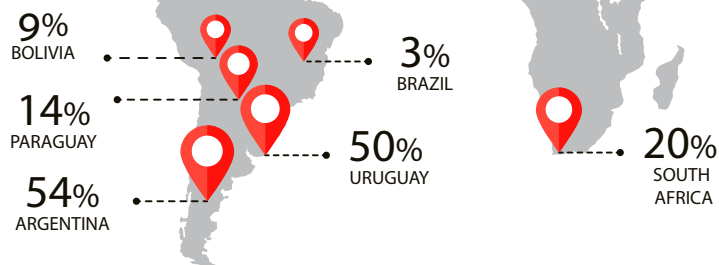
#1

Highest yielding soybean variety in Brazil's 2018 prestigious national yield competition

A global leader in soybean genetics and seed

Market share by country

DONMARIO is a leading brand in five of the seven largest soybean producing countries in the Americas. In addition, DONMARIO sister brands have over 30% soybean market share in Brazil and are a significant force in Europe. This makes the genetic foundation behind DONMARIO one of the most dominant on the globe, and now the power of this genetic engine is coming to the US!



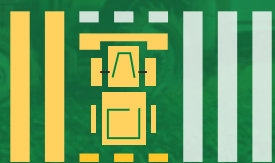
DONMARIO has prepared for rapid growth in the US

The research team supporting this effort in the US has 42 employees and counting. Plant DONMARIO with confidence.



3

BREEDING STATIONS
IN THE US



115,000

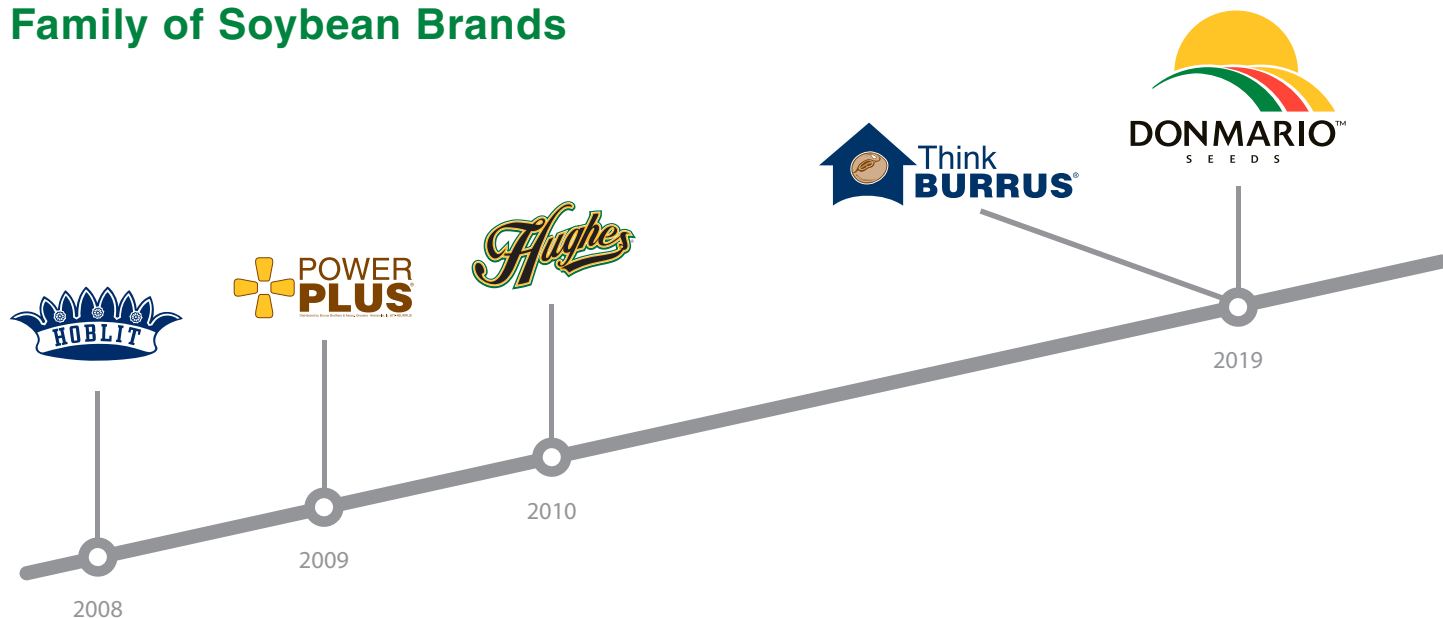
NEW VARIETIES TESTED
EVERY YEAR



~300,000

US FIELD
TEST PLOTS

The Burrus Seed Family of Soybean Brands





ENHANCED SEED FOR
ENHANCED YIELDS.

POWERSHIELD® SEED TREATMENT PROVIDES THE BEST VALUE.

Today's ag economy dictates the wisest use of input dollars. There are a few key points growers need to consider when analyzing their alternatives. The most important consideration is the purpose behind PowerShield® brand treatment. Clearly stated, to enhance the performance of our seed and our customers' bottom line.

THREE KEYS THAT BRING US TO A PERFORMANCE ADVANTAGE:

1. RIGHT RECIPE – The main question is what chemicals belong in the recipe to maximize stand establishment, early plant vigor, and ultimately, yield? At Burrus, we invest time and research dollars to accurately answer this question. The fungicides used must effectively control the disease that can inhibit reaching these three goals. No single fungicide will fully control Phytophthora, Pythium, Fusarium, and Rhizoctonia, along with other diseases. We look for multiple components to effectively manage the full disease

spectrum. Insecticide components are also used to manage the major pests. Multiple locations are planted at different dates to identify small but significant differences to deliver the best seed experience. The independent position of Burrus gives us freedom to choose the best when developing our recipe.

2. RIGHT RATE – The most effective rate is prescribed and delivered on each seed. The correct rate is critical to obtaining maximum performance. Realize low rate application can enhance cost cutting goals. At Burrus, trained professionals are one of the keys to the PowerShield reputation.

3. RIGHT RETURN – PowerShield treatments are designed to give the best return available on your investment.

- Value and return on investment can help growers have confidence. We understand every input choice you make must be a wise decision. The

fact that PowerShield leads to better stand establishment allows us to guarantee our products with a 100% Free Replant policy.

- PS SDS, PowerShield with ILeVO® added, gives enhanced return by managing both soybean cyst nematode and sudden death syndrome. Return on investment has been significant when those issues are prevalent. A modest return was realized in 2017 when pressure was low. We continue to believe this is both a great tool to manage risk and an excellent return on investment.

Please look at the following charts to better understand the diseases and insects managed with our PowerShield treatments.





FOR SOYBEANS, POWERSHIELD INCLUDES 4 ACTIVE INGREDIENTS FOR FUNGICIDE PLUS INSECTICIDE.

PEST	CONTROL
Bean Leaf Beetle	Yes
Aphid	Yes
Soybean Cyst Nematode	PS SDS
Enhanced Vigor	Yes
Phytophthora	Yes
Pythium	Yes
Rhizoctonia	Yes
Fusarium	Yes
Sudden Death Syndrome	PS SDS

THE RIGHT QUESTIONS TO ASK WHEN CONSIDERING SEED TREATMENTS ARE:

1. What recipe are you using for your seed treatment?
 2. What test(s) did you run to make your choice?
 3. What is the goal for your seed treating operation?
- The PowerShield seed treatment is designed to enhance our seed and make a great return on your investment.

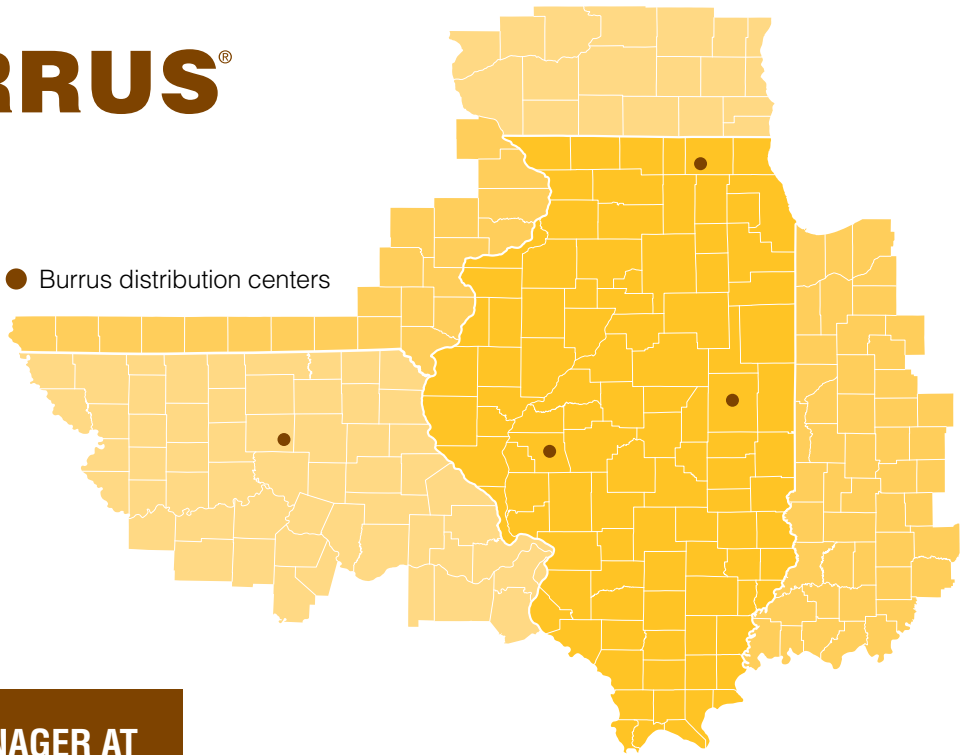
FOR CORN, POWERSHIELD INCLUDES 5 ACTIVE INGREDIENTS FOR FUNGICIDE AND 2 ACTIVE INGREDIENTS FOR INSECT CONTROL, PLUS A NEMATOCIDE ON THE NEW PRODUCTS.

PEST	CONTROL
Fusarium	Yes
Rhizoctonia	Yes
Pythium	Yes
Anthrachnose	Yes
Head Smut	Yes
Diplodia	Yes
Charcoal Rot	Yes
Aspergillus SPP.	Yes
Penicillium SPP.	Yes
Nematodes	Yes
Wireworm	Yes
White Grub	Yes
Grape Colaspis	Yes
Black Cutworm	Yes
Seed Corn Maggot	Yes
Fall Army Worm (early season)	Yes
Flea Beetle	Yes
Corn Rootworm	No (HP)



BURRUS®

● Burrus distribution centers



FIND YOUR ACCOUNT MANAGER AT
BURRUSSEED.COM

CONTACT US



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Toll Free: 877-4-BURRUS (428-7787) • 217-997-5511

Fax: 217-997-5522 • **burrusseed.com**



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QUESTIONS? GIVE US A CALL.

At BURRUS, you can speak DIRECTLY
with an OWNER – try doing THAT at a
NATIONAL seed company.



MAKE SURE A COP IS AROUND WHEN YOU NEED ONE.

Leverage your field data with years of Burrus research.

Combine your knowledge with the power of data science to increase profitability across all acres.

Modern agriculture is steadfastly increasing the use of technology to help make educated management decisions for operations across the county. However, some growers question how to put data to work on their own acres. A continued trend towards increased connectivity and precision ag technology has the potential to be a game changer on your farm by providing greater insight into your operation.

Burrus is committed to helping growers leverage their field data and knowledge with years of our own research data — conducted where you live and operate. This combination can ultimately lead you to more profitable decisions.

The Burrus Crop Optimization Planner (COP) powered by MyFarmsSM gives you the power to:

PRECISELY PLAN INPUTS

- Create planting, fertilizer, and spraying plans for each field.
- Easily run a report to accurately calculate the total amount of each product to order.

ANALYZE AND LEVERAGE WEATHER DATA

- Be prepared for an EPA audit by automatically recording wind speed and direction data for your spraying applications.
- View historical rainfall data for specific fields to understand the role weather played in your productivity.

RECEIVE CROP SCOUTING ALERTS

- Emergence, tasseling, and disease risk alerts are sent directly to your inbox on a field-by-field basis.

PRECISION AG MAP ANALYSIS

- Easily upload yield data alongside your planting records.
- Run yield data analysis to see how soil types, planting rates, and seed products compare across your farm.

DATA DRIVEN SEED PLACEMENT

- Your field knowledge and crop management practices combine with our product research for product recommendations through a step-by-step guide.

- Provides you genetics, trait, treatment, and planting rate recommendations for each field.

VARIABLE RATE SEEDING PRESCRIPTIONS

- Use soil types and your field knowledge to develop productivity zones to create a variable rate seeding prescription.
- Establish population ranges that you are comfortable with and the Burrus COP will find the best population for each acre.

INDEPENDENCE FIRST

- Burrus values your independence, privacy, and partnership, which is why your data is securely stored by a trusted third party, MyFarms LLC. Their legally-binding privacy policy ensures your yield data will never leave their system without your permission.

In tough times, you need to leverage every advantage available with people you can trust. Burrus Seed is here for you. Let us know if you are interested in improving your profitability with the Burrus COP powered by MyFarms.

FINANCING OPPORTUNITIES

BURRUS SEED EARLY PAY SAVINGS (EPS)

Postmark Deadline	Discount Applied
9-10-18	12.0%
10-10-18	11.0%
11-10-18	10.5%
12-10-18	10.0%
1-10-19	9.0%
2-11-19	5.5%
3-11-19	4.0%
4-10-19	3.0%

“
WE UNDERSTAND THE
IMPORTANCE OF
MAXIMIZING EVERY
RESOURCE YOU HAVE.

Contact us for full details on
financing options and special offers.

JOHN DEERE FINANCIAL

Deadline	No payments, no interest until March 2019. Prime + 4% until December 2019 due date.	Balance due to John Deere Financial by December 2019.
10-10-18	6.0% EPS	3% EPS, 0% Fixed
11-10-18	6.0% EPS	2% EPS, 0% Fixed
12-10-18	5.0% EPS	1% EPS, 0% Fixed
1-10-19	4.5% EPS	0% EPS, 0% Fixed
2-11-19	N/A	3% EPS, Prime - 1% APR
3-11-19	N/A	0% EPS, 4.9% Fixed
6-30-19	N/A	0% EPS, Prime + 3.75% APR

All bills are due and
payable by June 30, 2019.

EPS discount rate is
reduced by 2% when
MasterCard, Discover
or VISA is used.

Minimum purchase of
\$2,500 is required for John
Deere Financial and Rabo
AgriFinance participants.

RABO AGRIFINANCE

Balance due to Rabo AgriFinance by December 1, 2019.			
Deadline	No payments, no interest for 120 days. Prime + 3% after 120 days.		Prime + 3% financing.
10-10-18	7.0% EPS	1% EPS, 0% Fixed	10.0% EPS
11-10-18	7.0% EPS	1% EPS, 0% Fixed	9.0% EPS
12-10-18	6.0% EPS	0% EPS, 0% Fixed	8.5% EPS
1-10-19	5.5% EPS	0% EPS, 0% Fixed	7.5% EPS
2-11-19	N/A	0% EPS, 0% Fixed	4.0% EPS
3-11-19	N/A	2.5% EPS, Prime + 3% APR	2.5% EPS
4-10-19	N/A	1.5% EPS, Prime + 3% APR	1.5% EPS
6-30-19	N/A	0% EPS, Prime + 3% APR	N/A



HIGH-PERFORMANCE ALFALFA FORAGE SOLUTIONS

Corn and soybeans aren't all we offer at Burrus Seed. We also have three high-performance alfalfa varieties. Designed for growers in search of high forage yielding options, we have three distinct products to fit your needs.

Use the product descriptions and agronomic summaries at right to learn more about the exceptional varieties available. To find the product best-suited for your operation, contact your Burrus representative.

214FY BRAND ALFALFA

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 the alfalfa variety of choice for dairy or beef producers who demand high tonnages of dairy quality forage.



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*



388HY HYBRID ALFALFA

This product represents an improvement in hybrid alfalfa utilizing patented msSunstra® technology!

This product has familiar hybrid characteristics like dense stands with fine-stemmed herbage and fast recovery, but 388HY comes with an exceptional boost in yield. The fine stem attribute makes a dense, attractive alfalfa bale.

For the highest yields of consistently high-quality forage, 388HY is the variety of choice.



344EQ ALFALFA

344EQ (Extended Quality) provides superior forage quality with an extended harvest window for growers.

This product features high TTNDFD and NDGD48 forage quality scores. A reduced lignin content further improves the digestibility and quality of 344EQ.

Outstanding yield, coupled with a reliable disease package, creates a well-rounded product. 344EQ belongs on farms intending to produce high yields of consistent quality forage.

**OUR ALFALFA
LINEUP OFFERS
HIGH QUALITY,
CONSISTENT
FORAGE
PRODUCTS
SELECTED TO
MEET YOUR
NEEDS.**

AGRONOMIC SUMMARY	388HY
Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthracnose (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

AGRONOMIC SUMMARY	344EQ
Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthracnose (Race 1)	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	MR
DRI	33/35
Winter Survival	1.9**
Fall Dormancy	4.2
Root Type	TAP
Crown Depth	AVE
Cutting Recovery	8.2*
Forage Yield Level	8.9*
Forage Quality	9.0*

*Rated 1 - 10 (1 = poorest, 10 = best):

**Rated 1 - 6 (1 = most winter hardy, 6 = least winter hardy)

HR = High resistance
MR = Medium resistance
R = Resistant



BURRUS SEED STORY ON RFD-TV

This summer, Burrus Seed was featured on a segment of RFD-TV's *American Farmer* program.

The unique opportunity came to be when RFD expressed an interest in exploring how a regional seed company is able to thrive in a land of international giants. This is something we know a thing or two about, more than 80 years after our founding!

Independent seed businesses like Burrus are in the best position to bridge the gap between the American grower and future innovation and technologies by better understanding growers' needs, both today and tomorrow.

The segment focuses on how Burrus Seed uses passion for American agriculture to fuel success. "Burrus believes in the independence of the American farmer," said Jennifer Tierney, producer for the series. "We explore this topic on our show."

Staff and family members, as well as a local grower, were all interviewed for the program. The segment originally aired on June 12, 2018, but it will continue to air throughout the fall and can be watched anytime on our @BurrusSeed YouTube page.

BURRUS BRAND SOYBEANS

New to our 2019 line-up.

We are proud to announce the addition of Burrus branded soybeans! Over the years, growers continually ask, "When will you have Burrus beans?" With soybean technology options continuing to expand, we thought now would be a good time to roll out our Burrus branded soybean lineup.

Looking towards the future, the Burrus brand will be available to carry all the new technologies coming down the pipeline. Be sure to talk to your Account Manager or local Burrus dealer for the best recommendations to fit your operation and management style.



COMMUNICATION TAILORED FOR YOU

Access information in the way that best suits you.

Our success as a company is measured by your success as a grower. We partner with our customers to provide information and advice year-round on all aspects of their operation. We also understand people like to access that information differently.

In addition to our evolving website, we also regularly post on Twitter, Facebook and YouTube. You can find us on all platforms as @BurrusSeed. If you haven't already, subscribe to our Think Burrus blog. Written by our agronomic team, posts cover relevant agronomic topics encountered on travels across the Burrus footprint.

Also, we invite you to sign up for our Burrus Buzz newsletter. Timely articles on a variety of subjects are delivered to your inbox twice a month! You can subscribe on our website or by sending an email request to burrus.seed@burrusseed.com.

Join the conversation online using #ThinkBurrus; we look forward to connecting!

DID YOU KNOW?

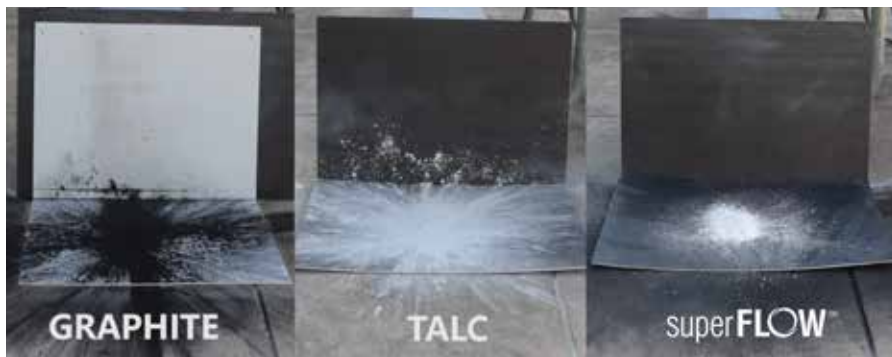
We are land-based and have irrigated all our land that is practical.



SWITCH TO **superFLOW™**

Cut down dust during planting.

Ready to reduce the dust of planting season? Replace your outdated seed lubricants with SuperFLOW™, developed by Bayer CropScience. Requiring only 1/8 cup per unit of seed, this low use rate product reduces planter dust by up to 90% and off-target neonicotinoid movement by up to 65%. If the ease of use or environmental benefits are not enough to convince you, take a look at the difference in dust for yourself below! Add SuperFLOW to your 2019 product order and we will deliver it with your seed.



TEXT 'YIELD' TO 31996

Join the Burrus Information Text program.

New this year, Burrus Seed is offering a convenient way to stay up-to-date on the topics important to you! Our Burrus Information Text (BIT) program redefines accessible communication between our company, staff, and growers. Agronomic information, scouting reminders, and pest alerts tailored to your region – sent to your mobile phone. Also, be the first to know about Burrus products, programs, and event updates.

We hope you will join the Burrus Information Text (BIT) program for convenient access to Burrus Seed. It is simple to join, text the word 'yield' to 31996 and you will immediately receive a confirmation message. Complete the subscriber information link and you are on the list! Joining the BIT is also possible through a link on our homepage.

By texting 'yield' to 31996, you agree to join the Burrus Information Text program and receive recurring text messages regarding Burrus Seed sent from 31996 via an automatic texting system to your mobile phone. Message & data rates may apply. Number of texts per month will not exceed six.

WE GUARANTEE A GROWING START

100% Free Replant since 1935

The entire Burrus family of products qualify for the replant guarantee of free seed, free seed treatment if available, and free tech fees of equal or lesser value, if from the same technology family. Ask your local dealer or Account Manager for complete details.

WHY CHOOSE BURRUS?

Performance

- Genetic and trait diversity
- Tight geography ideal for out-performing national brands
- Unique testing approach brings greater predictability
- Superior seed quality focused on the best, not the minimum
- Production unit
- PowerShield® seed treatment - right recipe, rate and return

Price

- Competitive pricing
- Extra benefits for loyalty and growth
- Friendly financing terms
- 100% Free Replant available to all growers
- Larger discounts for early pay and early orders
- Free farm delivery

Service

- Family owned - Burrus cares!
- Field-specific placement with the Burrus COP
- Dealer and company direct options for growers
- Friendly customer service representatives available by phone
- Field agronomy staff able to speak honestly
- Cell phone accessibility of staff and owners
- Variable rate planting through the MyFarmsSM system

2019 BURRUS SEED NOMENCLATURE

Burrus nomenclature to designate seed corn size and treatment for Power Plus®, Burrus and Hughes brand products:

BX – PowerShield® seed treatment

BX P – PowerShield® seed treatment for growers pursuing a non-GM grain premium

HP – High rate Poncho® 1250 with VOTIVO® nematocide

A number listed behind the nomenclature marker represents the weight range of the 80,000-kernel bag. For example, BX4 are flats or rounds weighing between 40-49 lbs.; BX5 will be in the weight range

of 50-59 lbs. BXR are round kernels weighing 37 lbs. and up.

Discounts are given for small (BX3) and extremely large seed sizes (BX6, BX7). Growers can capitalize on these additional seed size discounts within our system when those particular seed sizes are available.

Burrus nomenclature to designate seed corn size and treatment for Catalyst brand products:

SY – Avicta® Complete Corn 500 with Vibrance®

Seed sizes start with an **F** to indicate flat kernels, or **R** for rounds.

F1 & R1 – weigh 32-42 lbs.

F2 & R2 – weigh 43-55 lbs.

F3 & R3 – weigh 56 lbs. and up

Burrus system of corn units/box:

EZ Load boxes of BX3 have 60 units. BX4 and HP4 have 50 units/box. BX5, BX6, BXR, HP5, HP6 and the Catalyst brand have 40 units/box. BX7 have 35 units/box.

Burrus nomenclature to designate seed treatment on soybean products:

PS – PowerShield® treated

PS SDS – PowerShield® SDS with ILeVO® treated



THE PRODUCT AND PLANTING CHARTS IN THIS PRODUCT SELECTION GUIDE AND MANY MORE ARE AVAILABLE ON THE GROWER CHARTS PAGE UNDER THE RESOURCES TAB AT BURRUSSEED.COM.

2019 NUMBERING SYSTEM

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. For example, for Power Plus® 4J95 AMX™, multiply the first digit by 2 = 8 then add 100. This depicts the maturity range as 108 - 109 days. The third character identifies whether the hybrid falls on the low end (1 - 4) or high end (5 - 9) of the maturity range. When the first two characters are the same, it indicates a similar family; e.g., Power Plus® 6C40™ and Power Plus® 6C41 S™. The last letter(s) is silent and helps indicate the technology included in that product. The chart below explains what each means.

Product	Maturity	Group	Technology	Designation	RR	LL	Resistance or Control
Power Plus® 5B67 Q™	111	Above/ Below Ground Insect Control	Grome®	Q	x	x	Herculex® XTRA, Agrisure® RW, YieldGard® Corn Borer
Power Plus® 4A67AMXT™	109		Optimum® AcreMax® XTreme	AMXT	x	x	Herculex® XTRA, Agrisure® RW, YieldGard® Corn Borer
Burrus 6R25 5222	112		Agrisure Duracade® 5222 E-Z Refuge®	5222	x	x	Agrisure Viptera®, Agrisure Duracade®, Agrisure® RW, Agrisure® GT/CB/LL, Herculex® I Corn Borer
Power Plus® 6P75AMX™	113		Optimum® AcreMax® Xtra	AMX	x	x	Herculex® XTRA, YieldGard® Corn Borer
Catalyst® 6216 3111A	111	Above Ground Insect Control	Agrisure Viptera® 3111A	3111A	x	x	Agrisure Viptera®, Agrisure® RW, Agrisure® CB/LL, Agrisure Artesian®
Power Plus® 4J93AM™	109		Optimum® AcreMax®	AM	x	x	Herculex® I Corn Borer, YieldGard® Corn Borer
Burrus 7L12 3110	114		Agrisure Viptera® 3110	3110	x	x	Agrisure® GT/CB/LL, Agrisure Viptera®
Power Plus® 6C41 S™	112	Glyphosate Resistant	Stacked, Herculex® I	S	x	x	Herculex® I Corn Borer
Burrus 7L11 GT	114		Agrisure® GT	GT	x		Glyphosate tolerant
Burrus 6R20	112	Conventional	Conventional	No letters			No traits

SEED CORN TECHNOLOGY REVIEW

Technology	Herbicide						Refuge Req.	Different insects controlled by technology						
	ECB Trait	CRW Trait	Broad Lep	RR	LL			ECB	CRW	BCW	FAW	CEW	WBC	SB
Qrome® (Q)	◆	●		x	x	5% IR		C	C	C	C	NoA	NoA	C
Optimum® AcreMax® XTreme (AMXT)	■	●		x	x	5% IR		C	C	C	C	NoA	NoA	C
Optimum® Intrasect® XTreme (CYXR)	■	●		x	x	†5%		C	C	C	C	NoA	NoA	C
Optimum® AcreMax® Xtra (AMX)	■	●		x	x	10% IR		C	C	C	C	NoA	NoA	C
Optimum® AcreMax® TRIsect® (AMT)	■	●		x	x	10% IR		C	C*	C	C	NoA	NoA	C
Optimum® AcreMax® (AM)	■			x	x	5% IR		C	NoA	C	C	NoA	NoA	C
Optimum® AcreMax® Leptra® (AML)	■		◆	x	x	5% IR		C	NoA	C	C	C	C	C
Herculex® XTRA (HXX)	■	●				20%		C	C	C	C	NoA	NoA	C
Herculex® 1 (HX1/RR/S)	■			x	x	*20%		C	NoA	C	C	NoA	NoA	C
Optimum® AcreMax® 1 (AM1)	■	●		x	x	*20%		C	C	C	C	NoA	NoA	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	NoA	NoA	C
Agrisure® 3122 E-Z Refuge®	■	●		x	*	5% IR		C	C	C	C	NoA	NoA	C
Agrisure Vipitera® 3111	■	●	◆	x	x	20%		C	C*	C	C	C	C	C
Agrisure® 3000GT	■	●		x	x	20%		C	C*	NoA	NoA	NoA	NoA	NoA
Agrisure Vipitera® 3220 E-Z Refuge®	■		◆	x	*	5% IR		C	NoA	C	C	C	C	C
Agrisure Vipitera® 3110	■		◆	x	x	*20%		C	NoA	C	C	C	C	C
Agrisure® 3010	■			x	x	*20%		C	NoA	NoA	NoA	NoA	NoA	NoA
Refuge Advanced® Powered by SmartStax®	■	●		x	x	5% IR		C	C	C	C	C	NoA	C
Genuity® SmartStax® (GENSS)	■	●		x	x	5% IR		C	C	C	C	C	NoA	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	NoA	NoA	NoA	NoA
Genuity® VT Double PRO® (GENVT2P)	■			x		5% IR		C	NoA	NoA	C	C	NoA	C
PowerCore® Enlist™**	■			x	x	*5%		C	NoA	C	C	C	NoA	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 (Cry34/Cry35Ab1, CRW)
- MIR604 (mCry3A, CRW)
- MON88017 (Cry3Bb1, CRW)
- Event 5307 (eCry3.1Ab, CRW)
- ◆ MIR162 (Vip3Aa, Broad Lep)
- ◆ DP4114 (Cry1F + Cry1Ab, ECB; Cry34/Cry35Ab1, CRW)

CORN BELT REFUGE GUIDELINES

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

†5% non-Bt refuge must be within field or directly adjacent

*5% non-Bt 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-Bt refuge for ECB must be within 1/2 mile from the field

20% non-Bt refuge must be within field or directly adjacent

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

**2,4-D and FOP resistance

*Refer to bag tag or Burrus Seed Product Selection Guide

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

C* - Resistance may have been reported

S - Suppression of the insect

NoA - No activity on the insect

x - Includes herbicide tolerance

RR - Roundup Ready® (glyphosate)

LL - LibertyLink® (glufosinate)

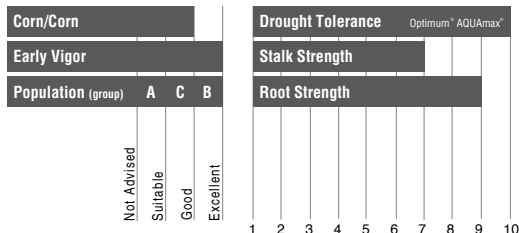
IR - Integrated Refuge

1N07AMXT™★

Brand

**100 Day Maturity**

- High yield potential with stability
- Optimum® AQUAmax® technology for tough environments
- Strong, flex-eared hybrid with quality grain
- Great roots
- Short stature

Early hybrid that tackles stress.

GLYPHOSATE



Liberty®

LIBERTY LINK

GENERAL CHARACTERISTICS

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

PLANTING INFO

Speed of emergence: 8
 High organic soils: 8
 Timber soils: 10
 Clay & varied soils: 10
 Sand (dryland): 10
 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: 7
 Gray leaf spot tolerance: 6
 Diplodia ear rot tolerance: NR
 Goss's wilt: 8
 Plant growth regulator sensitivity: NR
 Greensnap tolerance: 7



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

HARVEST INFORMATION

Grain quality: 8
 Test weight: 8
 GDD to silk: 1300
 GDD to 30%: 2500
 Ear retention: 9
 High tonnage silage: 8
 Harvest residue: 8

REFUGE

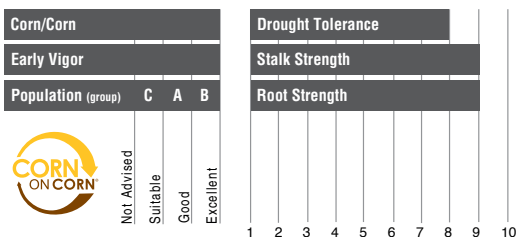
Integrated refuge

1G48AMXT™★

Brand

**102 Day Maturity**

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

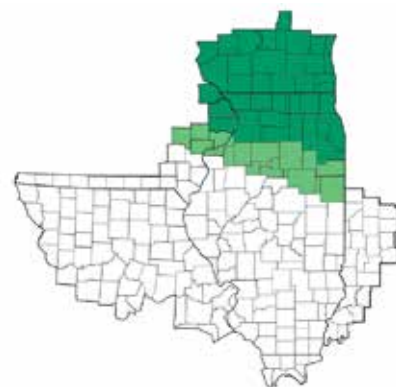
Early genetics with full-season performance.

GLYPHOSATE



Liberty®

LIBERTY LINK



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

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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 6

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

ABOVE/BELONG X-Treme

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

Dependable early performance.

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

GLYPHOSATE

Liberty®

LIBERTY LINK

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 7
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
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: NR
Goss's wilt: 9
Plant growth regulator sensitivity: 6
Greensnap tolerance: 9



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

ABOVE/BELONG X-Treme

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

The mid-maturity leader.

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

GLYPHOSATE

Liberty®

LIBERTY LINK

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
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 9
Plant growth regulator sensitivity: 3
Greensnap tolerance: 8



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.

3H85AMXTM★

Brand

**107 Day Maturity****High yield potential flex hybrid.**

- Tremendous top end yield potential
- Great roots
- Fits best in northern IL and southern WI
- Performs well at lower pops and good soils
- Will look weathered in the fall

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

GLYPHOSATE



Liberty®

**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

Gray leaf spot tolerance: 7

Diplodia ear rot tolerance: 6

Goss's wilt: 8

Plant growth regulator sensitivity: 3

Greensnap tolerance: 9

**AREA OF ADAPTION:**

Dark Green - Primary

Light Green - Secondary

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

4A67AMXTTM★

Brand

**109 Day Maturity****Put your foot in the door for high yield potential.**

- Hard to beat on your best soils
- Strong roots
- Very good grain quality
- Deep kernels, flex ears
- Was X4A67TM*, same genetics for above ground only

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

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

Plant height: 7

Ear height: 6

Ear type: Flex

PLANTING INFO

Speed of emergence: 6

High organic soils: 10

Timber soils: 7

Clay & varied soils: 8

Sand (dryland): 6

Sand (irrigated): 9

Wet soils: 8

POPULATION

28 – 34

26 – 32

26 – 32

21 – 27

28 – 34

AGRONOMIC PACKAGE

Fall appearance: 7

No. leaf blight tolerance: 8

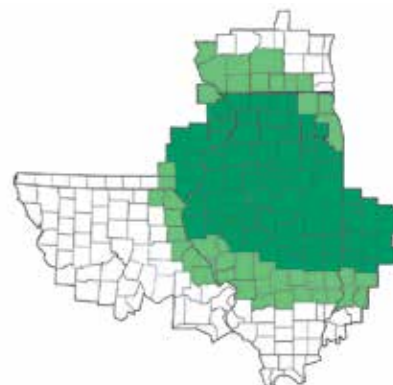
Gray leaf spot tolerance: 7

Diplodia ear rot tolerance: 7

Goss's wilt: 7

Plant growth regulator sensitivity: 3

Greensnap tolerance: 6

**AREA OF ADAPTION:**

Dark Green - Primary

Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8

Test weight: 7

GDD to silk: 1370

GDD to 30%: 2700

Ear retention: 8

High tonnage silage: 9

Harvest residue: 9

REFUGE

Integrated refuge

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

4J95AMX™*

Brand

109 Day Maturity

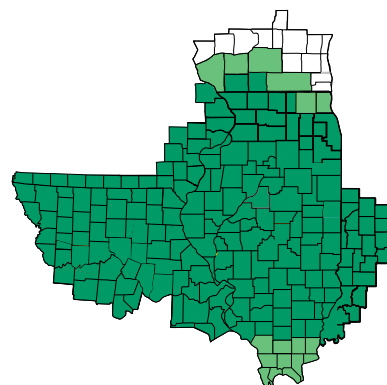
- Adapts very well across geography and soil types
- Good agronomics and responds favorably to fungicide management
- Optimum® AQUAmax® hybrid with great drought tolerance

The standard for yield potential with no refuge needed.

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

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: 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
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 5
Goss's wilt: 8
Plant growth regulator sensitivity: 6
Greensnap tolerance: 8

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

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				Drought Tolerance	
Early Vigor				Agrisure Artesian®	
Population (group)				Stalk Strength	
				Root Strength	
Not Advised	Suitable	Good	Excellent	1	2
				3	4
				5	6
				7	8
				9	10

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: 9
Timber soils: 9
Clay & varied soils: 8
Sand (dryland): 8
Sand (irrigated): 10
Wet soils: 8

POPULATION

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

AGRONOMIC PACKAGE

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


HARVEST INFORMATION

Grain quality: 7
Test weight: 6
GDD to silk: 1360
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 6
Harvest residue: 6


REFUGE

20% structured refuge
Burrus 7L11 GT

6F74AMXTM
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.


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

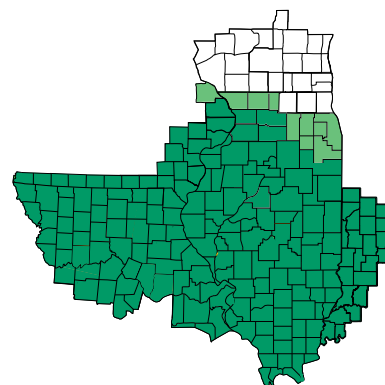


Not Advised	Suitable	Good	Excellent
-------------	----------	------	-----------

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: 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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 7
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 8


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

6P75AMXTM
Brand




113 Day Maturity



- Performs best on high productivity soils
- Good disease package
- Tall plants with high ear placement
- Great in zones 6, 7, and 8


The yield dynamo.


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



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

Drought Tolerance									
Stalk Strength									
Root Strength									

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: 7
 High organic soils: 10
 Timber soils: 7
 Clay & varied soils: 7
 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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 7
 Goss's wilt: 8
 Plant growth regulator sensitivity: 3
 Greensnap tolerance: 6

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.

7V66AMXT™★

Brand

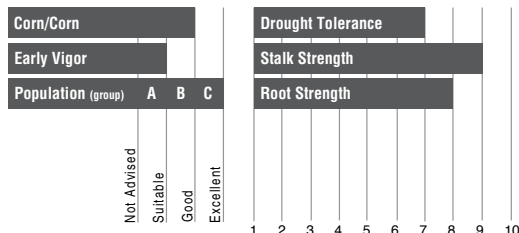


115 Day Maturity



- High yield potential
- Awesome grain quality and strong stalks
- Moderate response to fungicide
- Great fall appearance
- Girthy ear with deep kernels
- Hard endo candidate

Big yield potential, beautiful grain.



GLYPHOSATE



Liberty®



GENERAL CHARACTERISTICS

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

PLANTING INFO

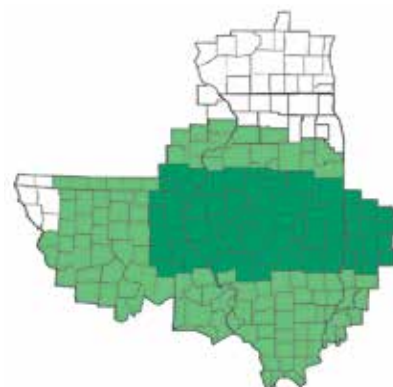
Speed of emergence: 7
High organic soils: 10
Timber soils: 7
Clay & varied soils: 7
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 8

POPULATION

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

AGRONOMIC PACKAGE

Fall appearance: 7
No. leaf blight tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: 3
Greensnap tolerance: 8



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary

HARVEST INFORMATION

Grain quality: 9* (premium potential)
Test weight: 8
GDD to silk: 1420
GDD to 30%: 2900
Ear retention: 6
High tonnage silage: 10
Harvest residue: 10

REFUGE

Integrated refuge

7M87AMXT™★

Brand

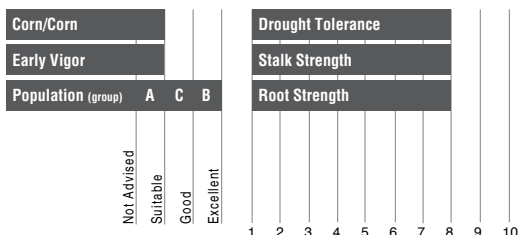


115 Day Maturity



- Good yield potential in high yield circumstances
- Consistent performance in tough environments
- Large, girthy ears with very deep kernels
- Heavy test weight

Raises the bar with yield levels.



GLYPHOSATE



Liberty®



GENERAL CHARACTERISTICS

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

PLANTING INFO

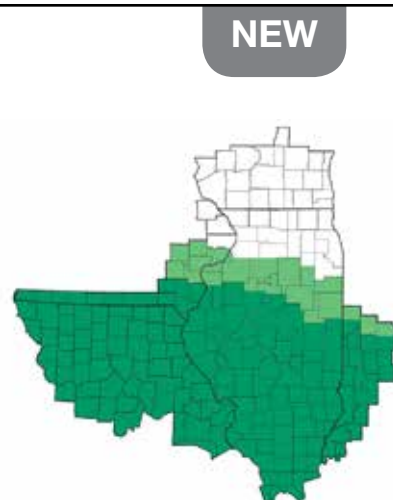
Speed of emergence: 8
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 8

POPULATION

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

AGRONOMIC PACKAGE

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



AREA OF ADAPTION:

Dark Green - Primary
Light Green - Secondary


HARVEST INFORMATION

Grain quality: 8
Test weight: 8
GDD to silk: 1440
GDD to 30%: 2900
Ear retention: 8
High tonnage silage: 10
Harvest residue: 10


REFUGE

Integrated refuge

9U13AM^{TM*}
Brand




98 Day Maturity



- High yield potential will respond to population input
- Excellent health package
- Widely adapted early platform
- Early to flower
- Quality grain


Nice balance of performance and agronomics.


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


Liberty[®]




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

GENERAL CHARACTERISTICS

Plant height: 8
 Ear height: 9
 Ear type: Fixed

PLANTING INFO

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

POPULATION

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

AGRONOMIC PACKAGE

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


HARVEST INFORMATION

Grain quality: 9
 Test weight: 9
 GDD to silk: 1200
 GDD to 30%: 2300
 Ear retention: 8
 High tonnage silage: 9
 Harvest residue: 8


REFUGE

Integrated refuge

1G39AM^{TM*}
Brand




101 Day Maturity



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


Full-season performance from early genetics.


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

GLYPHOSATE


Liberty[®]




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

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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 6

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™★
Brand

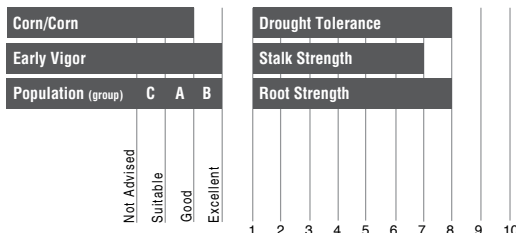


104 Day Maturity



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

The real deal for the stateline area.



GLYPHOSATE



Liberty®



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: 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
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 8
Goss's wilt: 8
Plant growth regulator sensitivity: 8
Greensnap tolerance: 6

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

4Y34AM™★
Brand

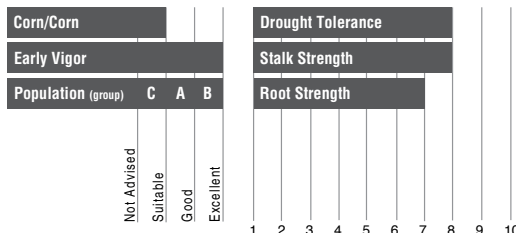


108 Day Maturity



- Broad area of adaptation
- Excellent early vigor
- Silks out strong
- High response to fungicides
- Integrated refuge product

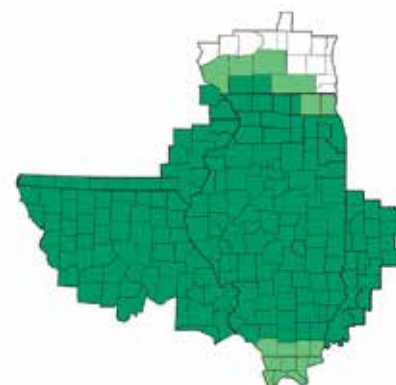
Tremendous yield potential in key RM.



GLYPHOSATE



Liberty®



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

POPULATION

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

AGRONOMIC PACKAGE

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

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1360
GDD to 30%: 2680
Ear retention: 8
High tonnage silage: 8
Harvest residue: 9

REFUGE

Integrated refuge

4J93AM^{TM*}

Brand

109 Day Maturity

- Low ear with excellent ear retention
- Will work across geography and soil types
- Optimum[®] AQUAmax[®] hybrid with great drought tolerance
- No refuge needed

Setting a new performance standard at 109 days.

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

Liberty[®]

GENERAL CHARACTERISTICS

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

PLANTING INFO

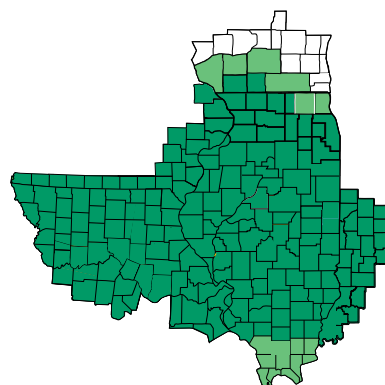
Speed of emergence: 7
High organic soils: 9
Timber soils: 9
Clay & varied soils: 9
Sand (dryland): 6
Sand (irrigated): 9
Wet soils: 8

POPULATION

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

AGRONOMIC PACKAGE

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



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

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

5K33AM^{TM*}

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.

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

GLYPHOSATE

Liberty[®]

GENERAL CHARACTERISTICS

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

PLANTING INFO

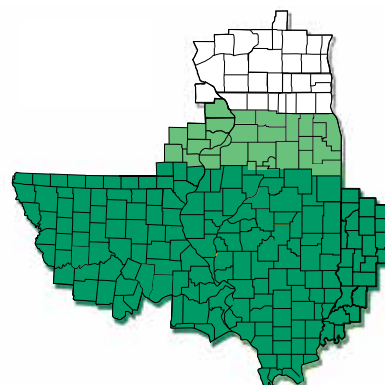
Speed of emergence: 6
High organic soils: 9
Timber soils: 8
Clay & varied soils: 8
Sand (dryland): 7
Sand (irrigated): 9
Wet soils: 8

POPULATION

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

AGRONOMIC PACKAGE

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



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

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


6C41 S^{TM*}

Brand

112 Day Maturity





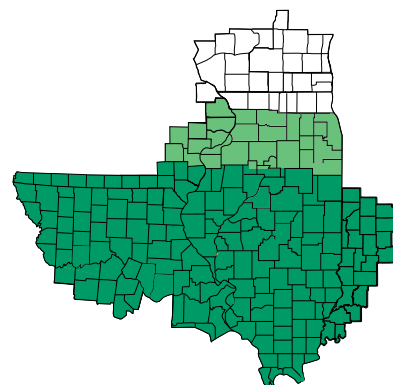
- Taller plant type with excellent stalks
- Designed for southern Illinois and Missouri
- Heavy test weight grain
- Squeezes extra grain out of a great year



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® 



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

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
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: 6
Greensnap tolerance: 7

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 7L11 GT


6Z43AM^{TM*}

Brand

112 Day Maturity





- Wide area of adaptation
- Beautiful ears
- Early silk for maturity
- Integrated refuge above ground protection
- Good agronomics



All terrain hybrid.

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® 



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

GENERAL CHARACTERISTICS

Plant height: 5
Ear height: 6
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 8
High organic soils: 10
Timber soils: 10
Clay & varied soils: 10
Sand (dryland): 8
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
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 8
Goss's wilt: 6
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

HARVEST INFORMATION

Grain quality: 8
Test weight: 8
GDD to silk: 1350
GDD to 30%: 2810
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8


REFUGE

Integrated refuge


6P73AMTM★

Brand

113 Day Maturity




- Performs best on moderate to high productivity soils
- Yield leader
- Good disease package
- Good dry down
- Outstanding in 2017 data



Proven top yield potential 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[®]

LIBERTY LINK

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 7
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
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: 3
Greensnap tolerance: 6



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.


7L12 3110

Brand

114 Day Maturity




- Corn earworm protection with Agrisure Viptera[®]
- Goes across all soil types & environments
- Low maintenance hybrid
- Strong roots



Efficient use of your input dollars.

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

GENERAL CHARACTERISTICS

Plant height: 8
Ear height: 7
Ear type: Intermediate

PLANTING INFO

Speed of emergence: 7
High organic soils: 8
Timber soils: 9
Clay & varied soils: 9
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
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6



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

HARVEST INFORMATION

Grain quality: 7
Test weight: 7
GDD to silk: 1400
GDD to 30%: 2800
Ear retention: 9
High tonnage silage: 9
Harvest residue: 8

REFUGE

20% structured refuge
Burrus 7L11 GT

7M83AMTM★

Brand

**115 Day Maturity**

- Tons of yield potential
- Great drought tolerance
- Large, girthy ears with very deep kernels
- Moderate response to fungicide
- Hard endo premium candidate

Better stalks, better roots.

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

GLYPHOSATE



Liberty®

**GENERAL CHARACTERISTICS**

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

PLANTING INFO

Speed of emergence: 8
 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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 6

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary

HARVEST INFORMATION

Grain quality: 8
 Test weight: 8
 GDD to silk: 1440
 GDD to 30%: 2900
 Ear retention: 8
 High tonnage silage: 10
 Harvest residue: 10

REFUGE

Integrated refuge

7L11 GT

Brand

**114 Day Maturity**

- Goes across all soil types
- Ideal refuge for structured products
- Strong roots
- Moderate response to fungicide

Ideal refuge product.

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

**GENERAL CHARACTERISTICS**

Plant height: 8
 Ear height: 7
 Ear type: Intermediate

PLANTING INFO

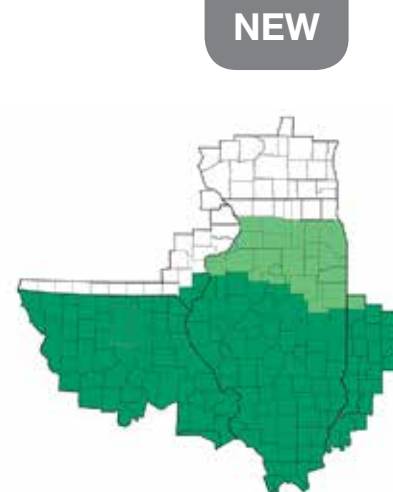
Speed of emergence: 7
 High organic soils: 8
 Timber soils: 9
 Clay & varied soils: 9
 Sand (dryland): 7
 Sand (irrigated): 9
 Wet soils: 9

POPULATION

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

AGRONOMIC PACKAGE

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

**AREA OF ADAPTION:**

Dark Green - Primary
 Light Green - Secondary


HARVEST INFORMATION

Grain quality: 6
 Test weight: 7
 GDD to silk: 1400
 GDD to 30%: 2800
 Ear retention: 9
 High tonnage silage: 9
 Harvest residue: 8


REFUGE

None needed

2R67^{TM*}
Brand




105 Day Maturity



- Versatile high yield potential
- Excellent disease package
- Great roots and stalks
- Great corn after corn

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	

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
 Gray leaf spot tolerance: 8
 Diplodia ear rot tolerance: 6
 Goss's wilt: 9
 Plant growth regulator sensitivity: 3
 Greensnap tolerance: 7


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^{TM*}
Brand




109 Day Maturity

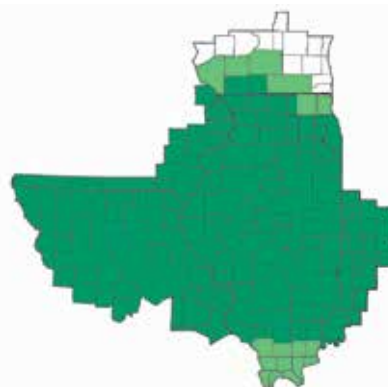
- High yield potential with dry grain
- It yields more than it looks
- Deep kernels sit on small cobs
- Will respond to fungicide application

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
 Gray leaf spot tolerance: 5
 Diplodia ear rot tolerance: 5
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 8

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.

Brand



- Great choice on better soils
- Beautiful fall appearance
- Intriguing grain quality
- High fungicide response
- Harvest timely



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	

CONVENTIONAL HERBICIDES ONLY

Plant height: 8
Ear height: 7
Ear type: Intermediate

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

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

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

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

Grain quality: 7
Test weight: 7
GDD to silk: 1400
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 10
Harvest residue: 8

None needed

Brand



- 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

[illegible]

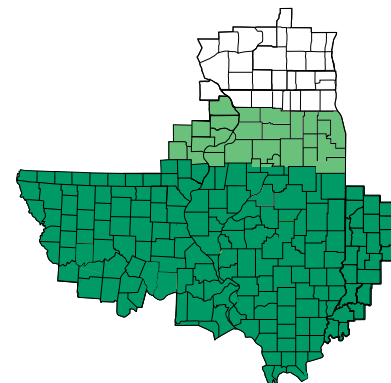
CONVENTIONAL HERBICIDES ONLY

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

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

28 - 34
26 - 32
26 - 32
21 - 27
28 - 34

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



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

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

None needed

7M80™
 Brand

115 Day Maturity

- Nice drought tolerance
- Southern movement
- Long grain fill and girthy ears
- Moderate fungicide response

Tons of yield potential.

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

CONVENTIONAL HERBICIDES ONLY



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: 8
 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
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 8
 Plant growth regulator sensitivity: 6
 Greensnap tolerance: 6

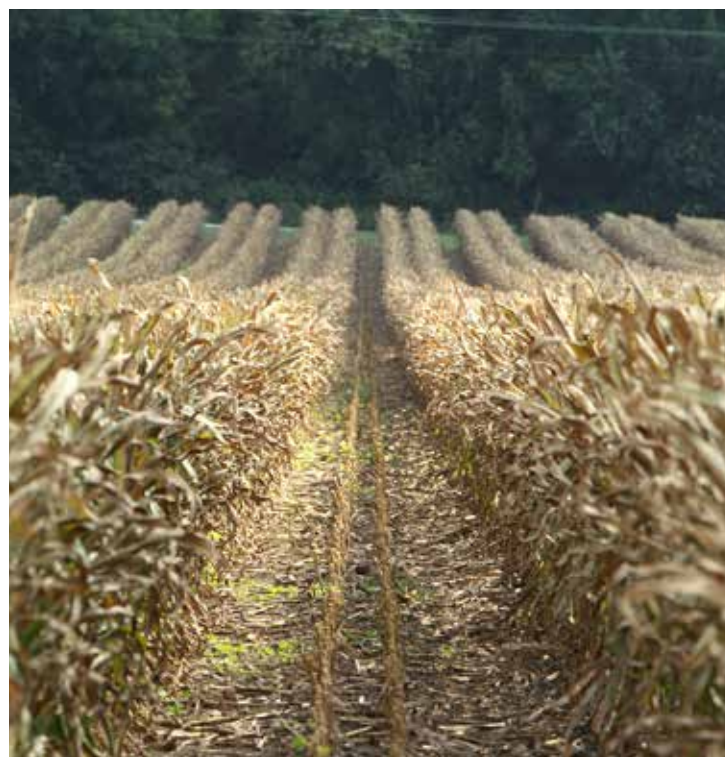
HARVEST INFORMATION

Grain quality: 8
 Test weight: 8
 GDD to silk: 1440
 GDD to 30%: 2900
 Ear retention: 8
 High tonnage silage: 10
 Harvest residue: 10

REFUGE

None needed

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



BURRUS SEED PLANTING METHODS

The unique interplant system (left) maximizes efficiency and pollination. The wide row system (right) for planting seed corn allows the "challenged males" to succeed. Both systems deliver better quality seed to you!

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	2F91AMXT™ 9U13AM™	1N07AMXT™ 1G48AMXT™ 2B77AMXT™ 4J95AMX™ 6216 3111A 6R25 5222	6Z57AMXT™ 6F74AMX™ 7M87AMXT™ 1G39AM™ 2Y06AM™	4Y34AM™ 4J93AM™ 6Z43AM™ 7L12 3110 7M83AM™	7L11 GT 2R67™ 4J90™ 6R20 7M80™	3H85AMX™ 4A67AMXT™ 6P75AMX™ 7V66AMXT™	5K33AM™ 6C41 S™ 6P73AM™ 6C40™

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

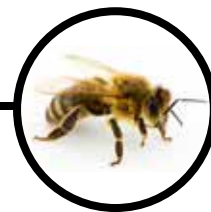
SOYBEAN PLANTING RATES

Row width	7.5 inch	15 inch	30 inch
Untreated	180 - 190	160 - 170	140 - 150
PowerShield® (fully treated)	165 - 175	145 - 155	125 - 135
PowerShield® SDS (ILeVO®)	165 - 175	145 - 155	125 - 135

1,000 SEEDS PER ACRE

Use higher end of range in less than ideal conditions.

Great Plains Fluted-Feed Drills: to get the most accurate seed spacing, lower the gate setting and increase the drive speed.



Reduce **DUST** off
and **PROTECT**
pollinators.

superFLOW™

manufactured by Bayer CropScience

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 PowerShield® seed treatment (Poncho® 500 or Lumivia®) Catalyst® brand High rate Poncho (Poncho® 1250)		BX2 HP2	BX3 F1 & R1 HP3	BX4 HP4	BX5 F2, R1, R3 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	A50617 9-13	A50617 10-13
John Deere ExactEmerge™ 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	Corn 10-12 oz. Down	Corn 12 oz. max Remove
Case IHC 1200 *7 New Holland SP Series	Disc Size Vacuum Singulator	4845 20 3	4855 18 3	4845 22 3	4855 18 3	4855 20 3	4855 20 3
White Air 6000 and New Idea 9000	Disc Size	852436 or 852437	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 in 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.

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#, 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

SuperFLOW™ seed lubricant improves planting performance while reducing the amount of dust released during planting. It is an alternative to talc, graphite and talc/graphite blended seed lubricants.

- Convenient low use rate
- Measures, pours and mixes easily.
- Compatible with all makes and types of planters.
- Equally effective on both corn and soybeans.

Environmentally Responsible – Reduces the amount of dust and active ingredient released during treated seed planting, thus reducing the potential risk of exposure to foraging honey bees and other pollinators that come in contact with the dust.

Better Flowability & Singulation – Improves seed flow from the central fill hopper to row units for more efficient planting and more uniform stands.

Easier Cleanup – Less residue buildup in the seed hopper for cleaner equipment and handling.

GUIDE TO ACCURATE SOYBEAN PLANTING

SMALL TO NORMAL SEED SIZE			LARGE SEED SIZE	
2500 seeds per pound or greater, 56 lbs. or less per 140k unit			2500 seeds per pound or less (1800 to 2500), 56 lbs. per 140k unit or more	
John Deere Non-Vac (Finger Pickup Type Corn Planters) *1 *4 *5	Using Kinze Brush Meters – (2200 seeds/lb or more) Black Brush Type 60 Cell Seed Metering Plate Using Radial Metering Bean Plate – (3700 - 4500 seeds/lb) setting "A", (2800 - 3700 seeds/lb) setting "B"		Using Kinze Brush Meters – (2200 seeds/lb or less) Blue Brush Type 48 Cell Seed Metering Plate Using Radial Metering Bean Plate – (2000 - 2800 seeds/lb) setting "C"	
Kinze Non-Vac *2 *1 *5	(2200 seeds/lb or more) Black Brush Type 60 Cell Seed Metering Plate		(2200 seeds/lb or less) Blue Brush Type 48 Cell Seed Metering Plate	
John Deere Vac Planters *3 *1 *5	Only one disc option – Vacuum setting at 8		Only one disc option – Vacuum setting at 9 (test and adjust accordingly) If feeding problems persist – remove the elbow from the hose feeding the hopper	
John Deere ExactEmerge™ Meter *1 *8 Vacuum Level (in oz. water)	(3300-3100 seeds/lb) 8-10 (2900-2700 seeds/lb) 14-16	(3100-2900 seeds/lb) 10-14 (2700-2500 seeds/lb) 16-18	(2500-2300 seeds/lb) 18-19	(2300-2100 seeds/lb) 19-21
Kinze Vac Planters *2 *1 *5	Use 60 cell plate – Singular setting at 5 – Vacuum setting at 10		Use 60 cell plate – Singular setting of 5 – Start vacuum setting at 10 (Test and adjust accordingly)	
Case IH Vac Planters *6 *1 *5	(2600-3500 seeds/lb) 193017A1 disc – Singulator setting at 8 – Vacuum at 15-17" (3500-4500 seeds/lb) 87420630 disc or comparable – Singulator setting at 8 – Vacuum at 15-17" (2500-3500 seeds/lb) 87698875 disc or comparable – Singulator setting at 8 – Vacuum at 15-17"		(2000-3500 seeds/lb) 87698875 disc or comparable – Singulator setting at 8 – Vacuum at 15-17"	
White Vac Planters *7 *1 *5	(3000-4500 seeds/lb) Use 7000722513 (120 cell) disc – Air pressure at 1-3" (2000-3500 seeds/lb) Use 852432 (120 cell) disc of 30" rows – Air pressure at 2-2.5" (2000-3500 seeds/lb) Use 852433 (60 cell) disc of 15" rows – Air pressure at 2-2.5"		(2000-3500 seeds/lb) Use 852432 (120 cell) disc for 30" rows – Air pressure at 2-2.5" (2000-3500 seeds/lb) Use 852433 (60 cell) disc for 15" rows – Air pressure at 2-2.5" (Test and adjust accordingly)	

*1 Consult the operator's manual for additional talc/graphite recommendations

*2 One TBSP of graphite per hopper for a standard 2 bu hopper and 1-1.5 lbs of graphite per 50 unit container

*3 For central fill planters, use a 1/2 rate of talc for untreated beans and a full rate (corn rate) of talc with treated beans

*4 Add 3/8 TBSP of graphite per hopper

*5 Adjust speed as directed in the operator's manual

*6 Consult the operator's manual for seed disc RPM recommendations

*7 Do not exceed 35 RPM on seed disc

*8 Some seed sizes, shapes, and planting speed and seeding rate require vacuum levels be adjusted slightly

Always check the operator's manual.

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

Are there Chemicals to Avoid?

Group	Brand	ALS Sulfonylureas (Group 2)	Plant Growth Regulators (Group 4)	HPPD Inhibitors (Group 27)	Glyphosate (Group 9)	Glufosinate (Group 10)	PPO Inhibitors (Group 14)
Above / Below Ground Insect Control	Power Plus® 1N07AMXT™*	▼	●	●	●	●	●
	Power Plus® 1G48AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 2F91AMXT™*	■	▼	●	●	●	▼
	Power Plus® 2B77AMXT™*	▼	■	▼	●	●	●
	Power Plus® 3H85AMXT™*	▼	■	●	●	●	▼
	Power Plus® 4A67AMXT™*	■	■	●	●	●	●
	Power Plus® 4J95AMXT™*	■	▼	●	●	●	●
	Catalyst 6216 3111A	▼	▼	●	●	●	●
	Burrus 6R25 5222	▼	▼	●	●	●	●
	Power Plus® 6Z57AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 6F74AMXT™*	▼	■	●	●	●	NA*
	Power Plus® 6P75AMXT™*	■	■	▼	●	●	●
	Power Plus® 7V66AMXT™*	■	■	●	●	●	●
	Power Plus® 7M87AMXT™*	▼	▼	▼	●	●	●
Above Ground Insect Control	Power Plus® 9U13AMXT™*	▼	■	●	●	●	▼
	Power Plus® 1G39AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 2Y06AMXT™*	▼	●	▼	●	●	▼
	Power Plus® 4Y34AMXT™*	■	▼	●	●	●	●
	Power Plus® 4J93AMXT™*	■	▼	●	●	●	●
	Power Plus® 5K33AMXT™*	■	▼	▼	●	●	▼
	Power Plus® 6C41 S™*	▼	▼	●	●	●	●
	Power Plus® 6Z43AMXT™*	▼	▼	●	●	●	▼
	Power Plus® 6P73AMXT™*	■	■	▼	●	●	●
	Burrus 7L12 3010	■	▼	▼	●	●	●
Glyphosate Resistant	Power Plus® 7M83AMXT™*	▼	▼	▼	●	●	●
	Burrus 7L11 GT	■	▼	▼	●	■	●
Conventional	Power Plus® 2R67™*	▼	■	●	■	■	NA*
	Power Plus® 4J90™*	■	▼	●	■	■	●
	Burrus 6R20	▼	▼	●	■	■	●
	Power Plus® 6C40™*	▼	●	●	■	■	●
	Power Plus® 7M80™*	▼	▼	▼	■	■	●

GROUP NUMBER - TRADENAME

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

2, 4 - Hornet® WDG
2, 27 - Capreno®
2, 27 - Corvus®

4 - 2,4-D
4 - Clarity®
4 - Engenia®
4 - FeXapan™
4 - Stinger®
4 - XtendiMax®

4, 19 - Status®
5, 15, 27 - Acuron®
9 - Generic glyphosate
9 - Roundup®
10 - Liberty®

14 - Aim®
14 - Sharpen® (Kixor)
14, 15 - Verdict®
15, 27, 4 - Resicore®

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

KEY

● Use
▼ Use with caution
■ Do not use

*Always follow the label.
Consult with your Account
Manager regarding herbicide
sensitivity.

HERBICIDE CLASSIFICATION BY GROUP NUMBER - SITE OF ACTION

1 - ACC-ase (lipid synthesis)
2 - ALS (amino acid synthesis)
3 - Microtubule (seedling root growth)
4 - Synthetic auxins (growth regulators)
5 - Photosystem II (different than 6 and 7)
6 - Photosystem II (different than 5 and 7)

7 - Photosystem II (different than 5 and 6)
9 - EPSP synthase (amino acid synthesis)
10 - Glutamine synthetase
(nitrogen metabolism)
13 - DOXP synthase (pigment)
14 - PPO (cell membrane disruptor)

15 - Long-chain fatty acid
(seedling shoot growth)
19 - Auxin transport (growth regulator)
22 - Photosystem I (cell membrane disruptor)
27 - HPPD (pigment)



BURRUS®
PLANT YOUR LEGACY

Soybean Ratings and Characteristics

Brand	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
ROUNDUP READY 2 XTEND®															
Power Plus® 36A1X™	3.6	PI88788	8	8	8	5	9	6	5	NR	5	7	7	7	Gray
LIBERTYLINK® GT27™															
Hughes 258S	2.5	Peking	8	8	NR	8	NR	NR	NR	6	8	7	7	NR	L. Tawny
Hughes 277S	2.7	PI88788	9	7	NR	8	NR	NR	NR	6	7	7	7	NR	L. Tawny
Burrus 316S	3.1	PI88788	8	8	NR	6	8	NR	NR	5	8	8	8	NR	L. Tawny
Burrus 335S	3.3	PI88788	8	7	NR	6	NR	7	8	NR	8	8	7	NR	L. Tawny
Burrus 404S	4.0	PI88788	9	9	NR	8	NR	7	8	NR	8	7	7	NR	L. Tawny
LIBERTYLINK®															
Hughes 236LL	2.3	PI88788	9	8	9	6	7	6	NR	6	8	7	7	7	L. Tawny
Hughes 266LL	2.6	PI88788	9	9	9	6	8	7	NR	6	6	7	7	7	L. Tawny
Hoblit 298LL	2.9	PI88788	10	8	9	8	8	7	8	7	8	7	8	7	Gray
Hoblit 368LL	3.6	PI88788	10	9	9	8	8	7	7	7	7	7	7	7	L. Tawny
Hoblit 384LL	3.8	PI88788	9	9	9	8	8	5	6	7	7	8	7	7	L. Tawny
Hoblit 418LL	4.1	PI88788	10	9	9	8	8	7	7	6	7	6	7	7	L. Tawny
Hoblit 457LL	4.5	PI88788	10	9	9	8	8	8	6	NR	NR	7	7	8	L. Tawny
GLYPHOSATE TOLERANT*															
Power Plus® 20B7™	2.0	Peking	7	9	8	5	8	6	9	6	5	5	7	6	L. Tawny
Power Plus® 25G8™	2.5	Peking	8	9	6	5	7	8	9	6	5	7	6	6	L. Tawny
Power Plus® 28Q8™	2.8	PI88788	8	9	8	5	9	6	5	6	5	6	7	7	L. Tawny
Power Plus® 38K6™	3.8	PI88788	9	8	NR	5	9	7	5	5	5	7	8	9	L. Tawny

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

Hoblit® and Hughes® are registered trademarks of Burrus®. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Pioneer Hi-Bred.

***Varieties with the Glyphosate Tolerant trait** contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

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 2017 harvest and were the latest available at time of printing. Some scores may change after 2018 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.





CHOOSE THE TRAIT THAT'S RIGHT FOR YOU

ROUNDUP READY 2 XTEND®

- Tolerant to glyphosate and dicamba
- Controls glyphosate resistant broadleaf weeds

LIBERTYLINK® GT27™

- Tolerant to both glyphosate and glufosinate
- High performing herbicide stack
- Herbicide flexibility post-emergence, including two non-selective herbicides for in-crop use
- Non-volatile chemistries with fewer restrictions for more flexible and effective weed control

LIBERTYLINK®

- Tolerant to glufosinate
- Controls glyphosate resistant, grasses and broadleaf weeds
- Easy-to-use herbicide with few application restrictions
- Liberty® Weed Control Guarantee

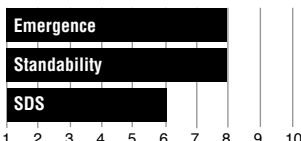
GLYPHOSATE TOLERANT

- Tolerant to glyphosate
- Broad spectrum control of grasses and broadleaves, including perennials
- Easy-to-use herbicide chemistry
- Competitive yields throughout the maturity groups

36A1X™* Brand

Maturity 3.6

- Weed control option in mid-group 3 maturity
- 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
- Untreated option available



MINIMIZE WEEDS, MAXIMIZE YIELDS.

Built on the high yield potential soybeans with Genuity® Roundup Ready 2 Yield® technology are the industry's first biotech-stacked soybean trait with both dicamba and glyphosate herbicide tolerance. With tolerance to glyphosate and dicamba, farmers will have access to additional tools to help control glyphosate-resistant broadleaf weeds. This technology offers the yield and quality potential that farms already know and trust from their soybeans with Genuity Roundup Ready 2 Yield® technology.

Benefits include control of glyphosate resistant broadleaf weeds such as Palmer amaranth, waterhemp and marestail, along with other tough-to-control broadleaf weeds such as lambsquarters and velvetleaf.

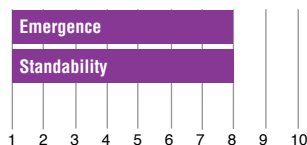
DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION 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.

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.

NEW

258S Brand**Maturity 2.5**

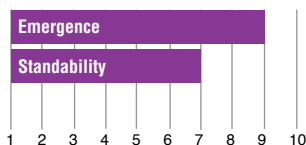
- High yielding group 2 soybean
- Peking SCN protection
- Excellent standability score



NEW

277S Brand**Maturity 2.7**

- Consistent, high yielding performance
- Eye catching light tawny/brown variety
- Good defense package



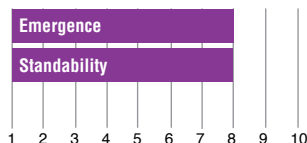
All varieties in the Burrus family of brands lineup are available with PowerShield® SDS treatment in EZ Load boxes. Select products are also available with PS SDS treatment in individual unit bags. These varieties are marked with the PowerShield SDS logo.

PS SDS treatment contains ILeVO® to protect against sudden death syndrome and nematodes in the seed zone, resulting in healthier plants and higher yield potential.

NEW

316S Brand**Maturity 3.1**

- Consistent performance from east to west
- Competitive yield with 298LL
- Well-rounded defensive support



NEW

335S Brand**Maturity 3.3**

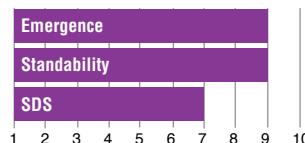
- Attractive light tawny/tan variety
- Superb SDS score
- Significant yield advantage when compared to 355LL



NEW

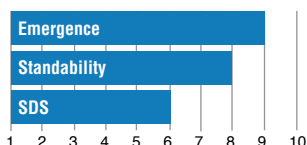
404S Brand**Maturity 4.0**

- A "must have" early 4 maturity
- Higher yield potential compared to 405LL
- Impressive disease and standability scores

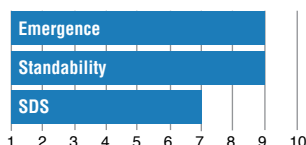


236LL BrandLIBERTY
LINK**Maturity 2.3**

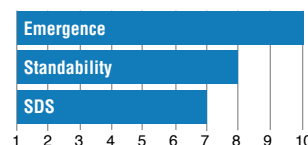
- Versatile early LibertyLink® line
- Plant on any soil type
- Excellent yield performance
- Medium-tall plant type that branches well
- Very good overall disease package
- Yield leader in the early to mid group 2

**266LL** BrandLIBERTY
LINK**Maturity 2.6**

- Plant anywhere
- Big yields, versatile agronomic package
- Medium-tall, bushy plant type, widely adapted
- Good ratings for a variety of diseases
- Adds diversity to your genetic package
- Excellent standability
- Untreated option available

**298LL** BrandLIBERTY
LINK**Maturity 2.9**

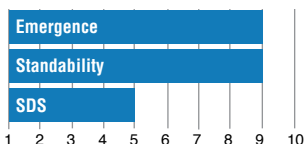
- Solid defense package
- Top yield performer across many environments
- Stands well and resists shattering
- Exceptional emergence scores
- Good SDS score

**368LL** BrandLIBERTY
LINK**Maturity 3.6**

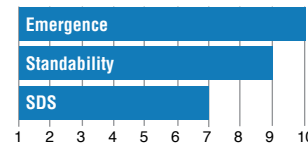
- Consistent yield performer
- Works across all soil types
- Outstanding emergence and standability scores
- Resists Phytophthora and shattering

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

- Exceptional emergence
- Higher yielder
- Nice bean for those a little "shattering shy"
- Great standability
- Good Phytophthora scores
- Consider ILeVO® for enhanced SDS control
- Untreated option available

**418LL** BrandLIBERTY
LINK**Maturity 4.1**

- Bulletproof versatile bean
- Impressive overall disease package
- Outstanding emergence and standability scores
- Handles Phytophthora
- Good on brown stem rot and SDS

**457LL** BrandLIBERTY
LINK**Maturity 4.5**

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



Liberty® Weed Control Guarantee

The Simply Better Solution. Guaranteed.

Every missed weed steals water and nutrients from valuable crops, impacting your yield. Weeds like Palmer amaranth, marehail, waterhemp, kochia and ragweed can create problems this year and for years to come. Liberty® herbicide provides the simply better solution for protecting your yield and profit from costly weeds.

- Specifically designed for all LibertyLink® crops – canola, corn, cotton and soybeans
- Excellent control of resistant weeds, including driver weeds like Palmer amaranth, waterhemp and marehail
- Unique site of action (Group 10), unlike any other active ingredient on the market*
- Low-risk and nonvolatile chemistry, providing peace of mind
- Backed by the Liberty Weed Control Guarantee

*The active ingredient in Liberty is a Group 10 herbicide, which is the only broad-spectrum herbicide that effectively controls grasses and broadleaf weeds, and it has no known resistance in U.S. broadacre crops.

20B7™* Brand**Glyphosate**
Tolerant**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

**25G8™*** Brand**Glyphosate**
Tolerant**Maturity 2.5**

- Top yield potential in mid-group 2 maturity
- Peking source of SCN resistance
- Very good SDS ratings
- Nice disease package
- Versatile medium plant type
- Untreated option available

**28Q8™*** Brand**Glyphosate**
Tolerant**Maturity 2.8**

- Topped development trials
- Highly versatile variety
- Stands up well
- Build your crop plan around this strong variety
- Very good emergence score

**38K6™*** Brand**Glyphosate**
Tolerant**Maturity 3.8**

- Yield, yield, yield potential
- High yield potential in all conditions
- Grows off rapidly after quick emergence
- Very good SDS tolerance
- Very good standability score



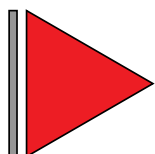
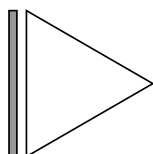
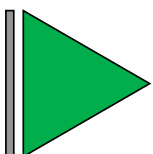
Avoid HERBICIDE injury. FLAG your fields.

Avoid herbicide-related problems this year with a simple flag! Introduced by the University of Arkansas, the Flag the Technology program aims to reduce chemical misapplications and avoidable crop injury. During busy seasons, a lot of information can be miscommunicated between a grower and their chemical company. A color-coded flag at the primary entrance of a field provides a failsafe for the grower and applicator while also notifying surrounding growers of the crop system being used.

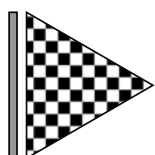
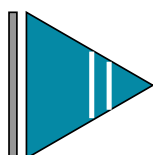
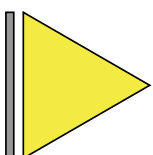
Flag the Technology has a simple color coding system associated with each herbicide trait. By utilizing the flagging system, the applicator can confirm the product in the tank matches the trait in the field. Burrus Seed has employed the system for the past few years with great success and we encourage our growers to adopt the system as well.

Flags are available through multiple online retailers. For your convenience, flags are also available for purchase from Burrus Seed. Ask your Account Manager for details. Reduce herbicide application errors and encourage responsible neighbor relationships with the Flag the Technology program.

In the event of new stacked herbicide options, two or more flags may be jointly installed to distinguish herbicide tolerance. For example, to mark a field of LibertyLink® GT27™ soybeans, both a white (glyphosate tolerant) and a green (glufosinate tolerant) flag would be used.

Conventional:
no herbicide
toleranceRoundup Ready®:
glyphosate
toleranceLibertyLink®:
glufosinate
tolerance

FLAG THE TECHNOLOGY

Roundup Ready® 2
Xtend®: dicamba
toleranceEnlist™: 2,4-D
toleranceSTS®: ALS
tolerance



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 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 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 soybeans with Genuity® Roundup Ready 2 Xtend® technology. 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
TOLERANT



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*Power Plus® brand seed is distributed by Burrus. Power Plus®, Optimum®, AcreMax®, and AQUAmax® are trademarks of Pioneer. 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 below ground 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.

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 instruction. 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 post-emergent weed control of Liberty herbicide for optimum yield and excellent weed control.

LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury. Always read and follow label directions. Liberty and LibertyLink are registered trademarks of Bayer. GT27 is a trademark of MS Technologies and Bayer. MS Technologies is a trademark of MS Technologies, LLC. ©2018 Bayer / MS Technologies, LLC. All Rights Reserved. APN 18-INT-0014.

LibertyLink® Patent Statement

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

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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. **Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS 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.

Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

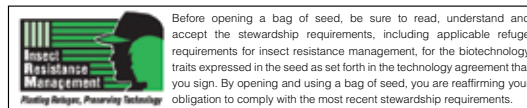
ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready®

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 Yield®, Roundup Ready®, Roundup®, SmartStax®, VT Double PRO®, VT Triple PRO®, YieldGard, the YieldGard Corn Borer Design and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer. Respect the Refuge® are registered trademarks of National Corn Growers Association.

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Pioneer products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Pioneer policies regarding stewardship of those products. Crops and materials containing biotech traits may only be exported to or used, processed, or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international laws to move materials containing biotech traits across borders into jurisdictions where their import is not permitted. Growers should discuss these issues with their purchaser or grain handler to confirm the purchaser or handler's position on products being purchased. For further information on the approval status of biotech traits, please visit www.biotradestatus.com. Excellence Through Stewardship® is a registered trademark of the 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.



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in a whole new light.

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