



MORE CHOICE, HIGHER YIELD.

That's our multi-brand strategy.





More choice, higher yield

Dear Grower,

Every year is different; drought followed by rain delayed planting, resulted in a record rapid planting season. These are the times that demonstrate why American agriculture is so successful. This season especially exemplifies how growers adapt and change with the situation at hand. At Burrus change is a constant, too. We are always seeking a better way to exceed growers expectation.

In the past, growers would diversify their seed purchase by dividing their order from three seed companies. Today there is no need to do that as growers can clearly see the diversity of traits and genetics offered by Burrus. **You can buy all your seed from us and have genetic and trait diversity as well as the ultimate in performance.**

Our MyFarmsSM computer program continues to be the most sophisticated data driven product placement program in the seed industry. Read more about it inside this guide. MyFarmsSM matches products to growers' management practices, soil productivity and pest control needs. It aids in the selection of the ideal products and optimum planting populations for each farm, bringing greater profitability to growers.

Variable rate planting technology is being beta tested this year on over 100 farms so we can help growers get the most out of the Burrus family of products and every acre. **We were one of the first to incorporate variable rate planting that works with all makes and models of controllers and planters.**

We offer two brands of water optimization products: Optimum[®] AQUAmax[™] and Agrisure Artesian[®] hybrids. These products have extra drought protection by using marker gene technology as well as yield and agronomic testing and are labeled with the appropriate logos. Put these in your lineup to diversify drought protection.

Our multi-brand strategy offers growers the most choice and maximum yield. Burrus has extraordinary access to germplasm and traits. But what makes our approach so successful is our product selection process. We test across all soils, not just the flat black soils to identify the very best products for our footprint.

In this time of change, some things remain the same. **For the 78th consecutive year, we have offered our 100% Free Replant policy that guarantees our customers a growing start.** If you plant PowerShield[®] treated soybeans, we furnish 100% Free Replant for them too! This is a value proposition our customers count on.

It is easy to see why growers are switching to Burrus/ Hughes. If you are not yet planting products from our portfolio, there has never been a better time than now.

Successfully,

Tom and Dave

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Power Plus[®], Optimum[®] and Acre Max[™] are trademarks of Pioneer Hi-Bred.
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Catalyst[™] is a trademark of Syngenta Group Company.

Redesigned for easy use

New Product Selection Guide



For 2014, the Product Selection Guide has been redesigned for easy use. The hybrids are grouped with the same insect control or herbicide resistance together. This will simplify product selection. In addition, new this year, each hybrid features its own page with all the information you need to know about it in one location.

Look in the top corner of each page for the tab of the hybrids featuring the insect control or herbicide resistance. The hybrids are grouped by:

Above/Below-Ground Insect Control – green tab

Above-Ground Insect Control – black tab
Glyphosate-Resistant – red tab
Non-GM – yellow tab
Other – orange tab

This design is just another example of how Burrus is working every day to make your life easier and your farming operation more profitable.

At Burrus, we measure success by customer satisfaction. We sell solutions for your farm. We deliver a value package of outstanding performance, superb quality and exceptional service. We focus on the fundamentals,

guarantee you a growing start with our 100% free replant policy and provide season-long agronomic advice.

Ultimately, we strive to bring you the highest return on your seed investment dollar. Look to the Burrus/Hughes team to bring you honest, straightforward information that will increase your profit potential. Our customers feel like they are part of the family. We invite you to being to experience the value Burrus/Hughes delivers.

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Crop Optimization Planner

Put the COP to work on your farm



More choice, less confusion

Burrus customers appreciate that we consistently produce a product portfolio that is second-to-none. But with so many options to choose from, the next challenge is to help farmers answer the seemingly simple question, "Which product is best for each field?" Well, as we all know, answering this question gets complicated when you consider the local yield environment, pest pressure, agronomic tradeoffs and dozens of other variables unique to each field and operation.

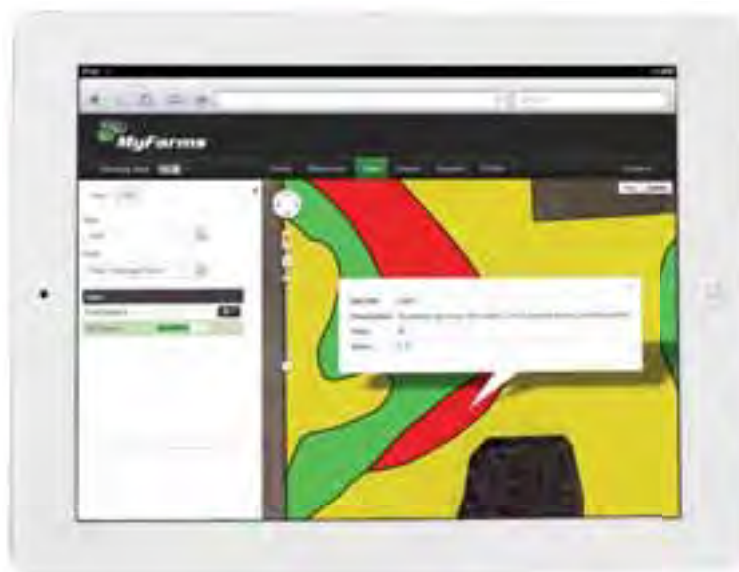
New weapons to fight risk

By partnering with MyFarmsSM to create the Crop Optimization Planner (COP), Burrus has added new weaponry to the arsenal it brings farmers each year to fight the downside risk of crop production. Not only have we scoured the industry to find the best traits and genetics for your region, but now we can provide guidance for how to best manage them in each field. The COP can help you optimize and protect yield this growing season. But perhaps more importantly, it can help you **protect your farm data for generations to come.**

Fit seed to field

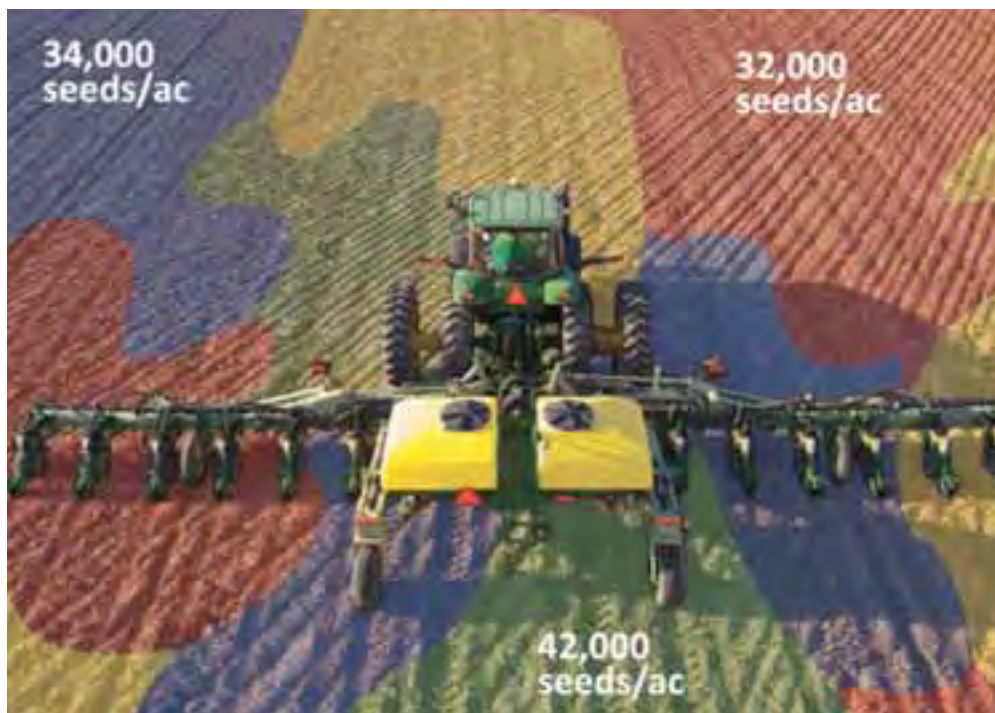
To receive a scientific cropping plan for each field, it would be helpful for you to share three things with us:

- 1. Where you Plant** – The program can use your field boundaries to automatically characterize the soil profile of each field. Don't worry; finding a field boundary is easy. The COP already has them overlaid on a Google Map. All you need to do is type an address or city near the field and click on a pre-entered field boundary. If you already have your field boundaries in a different system, that's even better; you can import them all in one step.



- 2. How you Plant** – In addition to knowing where you plant, we would appreciate knowing a couple of things about your

planter. This information is important because planter row spacing (for example) drives the population calculation, which is



Burrus/Hughes – a variable rate planting leader



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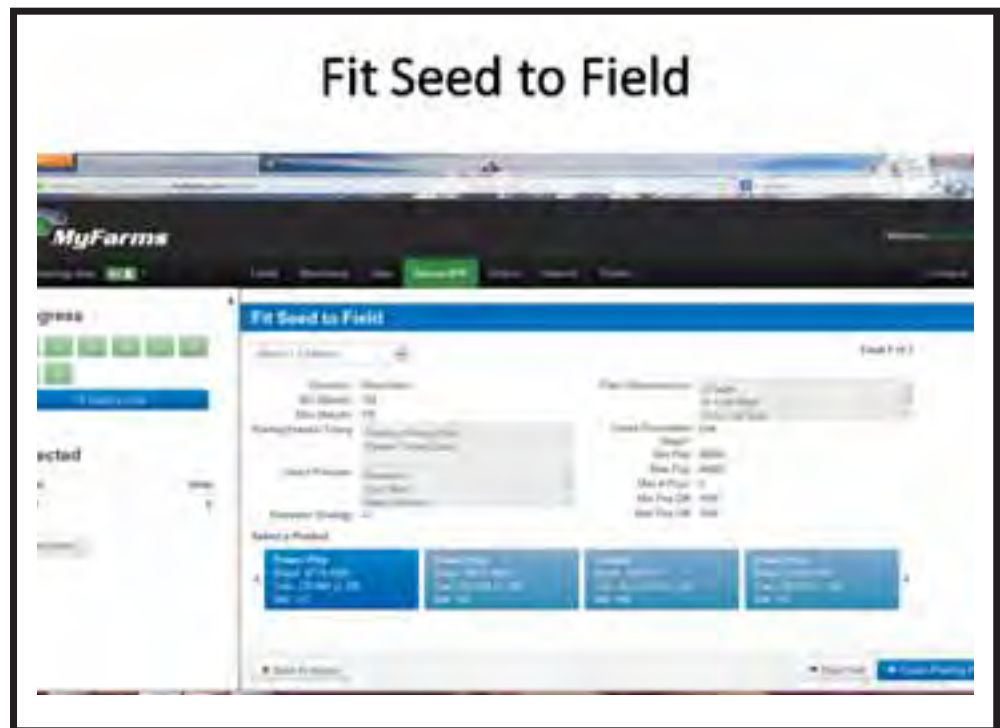
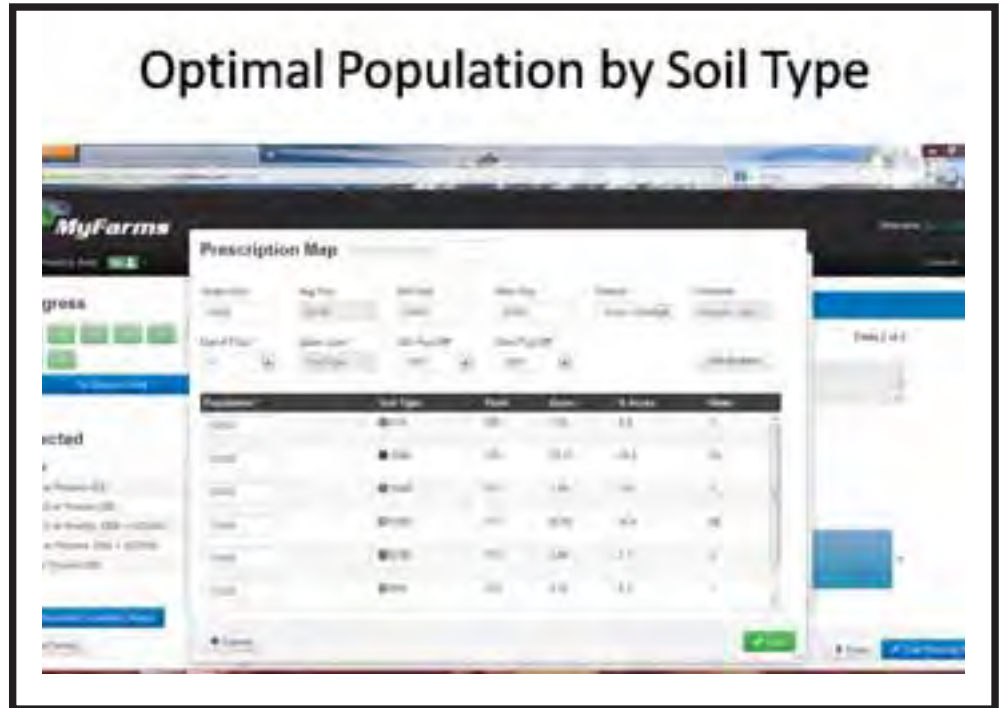
different for each product. Also, if your planter has a variable rate drive, we will automatically recommend a planting rate for each acre based upon the local yield environment. When we said scientific, we meant it!

3. Other Production Practices –

Finally, your Burrus Representative would like to sit down and discuss other agronomic decisions you make each season. For example, how do you plan to manage rootworm pressure? We have six different strategies for controlling those little pests and one of them is sure to work for you. What other insect pressure have you observed? What agronomic characteristics matter most? How do you plan to manage structured refuge? Answers to these questions and more will be entered into the program by your Burrus Representative to identify the best cropping plan for each field.

All this and more

Receiving a field-specific cropping plan from Burrus is just the beginning of how you can put the COP to work on your farm. You can also upload and visualize your yield and fertility maps, connect with and share data with your soils consultant or fertilizer dealer and monitor the weather in each field. Our goal is to help you avoid creating another “island of technology” that forces you to enter data into one system per input supplier, but rather to **create the most open and convenient system possible for you, our loyal customers**. Please contact Burrus directly with any questions about this exciting new program.



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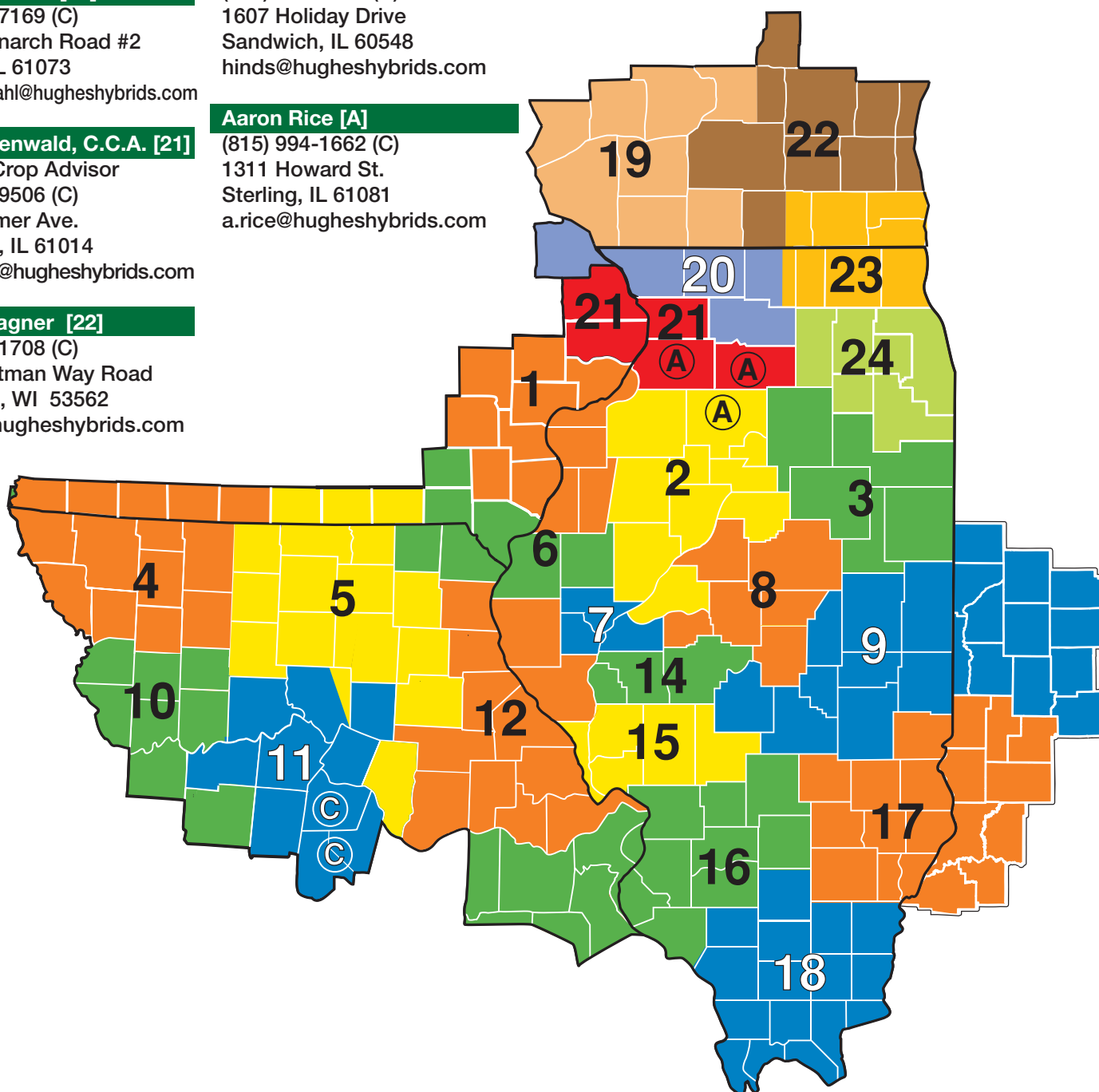
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Burrus/Hughes brings multiple trait options for maximum performance and convenience

We have redesigned the Product Selection Guide. First look at the products with above and below ground insect control. Always consult the product maps that show the most favorable geography for each individual hybrid. Then realize that rather than carry multiple trait versions of every genetic package, several are zone priced.

Agrisure® traits bring more yield.

You will see for 2014 Burrus/Hughes has adopted the trait numbering system, matching the last four digits of the hybrid number on the Agrisure® traitleted products for simplicity today and in the years to come.

The Agrisure® number system tells the story of what classes of insects are controlled as well

genetic diversity and save you some money too. We are highly recommending a second mode of action for these products in heavy corn rootworm areas by adding Force insecticide. Years of data says this can add additional 10 bu/A in yield across many environments.

Agrisure® 3000GT provides corn rootworm and corn borer protection as well as herbicide flexibility with both glyphosate and glufosinate tolerance. It is available in eight products, namely Hughes 3953 ^{3000GT}, 4607 ^{3000GT}, 5456 ^{3000GT}, 6132 ^{3000GT}, Burrus 6J36 ^{3000GT}, 6T54 ^{3000GT}. In addition Hughes 2987 ^{3011A} and Catalyst 6227 ⁴⁰¹¹ has the Agrisure Artesian® designation plus the 3000GT insect protection.

AgrisureViptera® 3111 provides Corn Rootworm and corn borer protection as well as herbicide flexibility with both glyphosate and glufosinate tolerance. This trait stack carries all the same protection plus Broad lepidopteran control. It is available in 3 products namely Hughes 2796 ³¹¹¹, Catalyst™ 4685 ³¹¹¹ and Catalyst™ 7893 ³¹¹¹.

AgrisureViptera® 3222 E-Z refuge trait stack delivers performance in a single bag refuge as well as the Agrisure® 3122 which we hope to have soon.

offering two versions for grower choice.

There are two types of Optimum® AcreMax® products: 1) Three versions for above-ground protection, and 2) six versions of the Optimum® AcreMax® Xtra products in the Power Plus® brand for above-and below-ground protection. Both types should assist in increasing overall farm yield potential by reducing refuge and helping to ensure durability of important traits through built-in IRM compliance.

Above-and-below-ground protection:
Power Plus Brand 2V56AMX™*, Power Plus 4Y27AMX™*, Power Plus 4B32AMX-R™*, Power Plus 4G46AMX™*, Power Plus 4J95AMX™*, Power Plus 6F74AMX™* brands.

For growers needing above-and below-ground protection, there are six Power Plus® products with the single bag refuge. The Optimum® AcreMax® Xtra combines Herculex® XTRA stacked with YieldGard® Corn Borer. The systems with the -R at the end of the product brand contain only Glyphosate tolerance, not Glufosinate tolerance. The products that do not have the -R at the end of the brand name, have both the Glyphosate and Glufosinate tolerances.

Eliminating the need for separate refuge plantings means more acres are protected with the industry-leading Herculex® traits, thus increasing harvestable yield.

In the Power Plus brand, there are three major points:

1. The products are in proven genetic families
2. The technology works and has been confirmed effective time and time again.
3. These systems effectively simplify the refuge need.

What growers will see: 

On each seed bag tag, growers will see four numbers. Each number has a meaning. How it works:

[Agrisure] [Viptera] [3] [1 1 1]

Master Brand Suffix Modes of Action Insect Classes

- The brand suffix changes as new technologies are introduced
- The first number indicates the product's technology series. The parent technology series number represents herbicide resistance; other benefits will come in the future.
- The last three numerical identities represent the number of modes of action in each hybrid for broad lepidopteran, corn borer and rootworm presence.

as how many modes of action are in the seed. The master brand is Agrisure® with a suffix such as Viptera™ followed by 4 digits. The first number indicates the product's technology series, as well as other benefits that will come in the future. The last three digits represent the number of modes of action for broad lepidopteran, corn borer and rootworm presence respectively. Consequently Agrisure®Viptera 3111 has one mode of action for each of the 3 insect classes.


When seeking the highest performing products consider using some structured refuges. We offer an outstanding lineup of products containing 3000GT and Agrisure®Viptera® 3111. Yes they require a 20% structured refuge but will deliver top performance,

Optimum®AcreMax® insect protection is single-bag refuge in the corn belt!

The ultimate in technology preservation has arrived. The next generation of integrated refuge products – Optimum® AcreMax® and Optimum® AcreMax® Xtra insect protection - allow growers to meet all refuge requirements with a single-bag product, delivering convenience for insect refuge management (IRM) and

Above and below ground insect protection?

The RED area has the Corn Rootworm variant. Above and below ground insect protection is recommended




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Grower Value at a Glance

Simplified Refuge + Maximized Farm Yields + Technology Preservation

Above-ground protection: Power Plus 2N82AM™*, Power Plus 4J93AM™*, Power Plus 7U15AM-RTM™* brands. In addition for the areas where only above ground protection is needed we also recommend the Agrisure 3000GT and Agrisure Viptera 3111 products that are zone priced to reflect only what the grower will use rather than what the product contains.

The Agrisure 3000GT trait stack is available in eight products, namely Hughes 3953^{3000GT}, 4607^{3000GT}, 5456^{3000GT}, 6132^{3000GT}, Burrus 6J36^{3000GT}, 6T54^{3000GT}. In addition Hughes 2987^{3011A} and Catalyst 6227⁴⁰¹¹ has the Agrisure Artesian designation plus the Agrisure 3000GT insect protection. The Agrisure Viptera 3111 trait stack carries all the same protection plus Broad lepidopteran control. It is available in 3 products namely Hughes 2796³¹¹¹, Catalyst™ 4685³¹¹¹ and Catalyst™ 7893³¹¹¹.

More solutions and choice from Burrus! For

above-ground only protection, Optimum® AcreMax® insect protection includes Herculex® I stacked with YieldGard Corn Borer. Optimum® AcreMax® products allow growers to eliminate a separate refuge. The systems with the -R at the end of the product brand contain only Glyphosate tolerance, not Glufosinate tolerance.

Optimum® AcreMax® insect protection single-bag refuge!

* Power Plus®, Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred. Optimum® brand products available in the Power Plus® brand. Power Plus® brand seed is distributed by Burrus.

† YieldGard and the YieldGard Corn Borer design are registered trademarks used under license from Monsanto Company.

Agrisure® RW is a trademark of, and used under license from a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

Add Force insecticide to rootworm traits and add yield!

Burrus/Hughes/Catalyst brands, strongly recommend applying Force® 3G insecticide to be applied with the Agrisure Viptera™ 3111 or Agrisure® 3000GT trait stack.

In situations with moderate to high rootworm and/or secondary pest pressure, adding Force 3G to a CRW trait has been shown to deliver an average of 10 bu/a more than using a CRW trait alone. In addition this strategy provides two modes of action in controlling CRW which reduces the likelihood of resistant insects. If you are concerned about high rootworm pressure and/or resistance, monitor fields for beetles this summer to determine if a similar approach is needed in 2014.

Benefits of applying Force to rootworm-traited corn:

- Enhanced pest management derived yield potential
- Additional mode of action
- Enhanced root protection for heavy pressure
- Early-season pest control
- Improved standability
- Protects yield
- Faster harvest
- Less potential for volunteer corn



Consider liquid Force CS



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Force 3G and Force CS are Restricted Use Pesticides.



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Nomenclature the more things change... the more they stay the same

Dealers and customers will see the same nomenclature as 2014.

Here is a review of the Burrus® nomenclature to designate seed size and treatment:

HP – this still represents High rate Poncho® 1250 with VOTiVO™ nematicide.

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

PS3 – is a PowerShield® treated seed that has been sized as either a flat or a round. The size range is 30-39 lbs. This seed size carries a discount.

PS4 – is also treated with PowerShield® and is a flat or round weighing 40-49 lbs.

The new seed treatment nomenclature will be primarily represented by the following:

PS – PowerShield® 250 could be Poncho or Cruiser® (Burrus will be using Poncho for black cutworm)

BX – Burrus Xtra will be treated with Poncho 500 and will be the standard treatment on all Power Plus® brand and Burrus corn products and all new products for 2014 whether they are Hughes, Burrus or Power Plus will have Poncho® 500 VOTiVO.

Many growers have come to realize that a number listed behind the nomenclature marker represents the weight range of that specific hybrid in the Burrus system. For example, a PS4 will weigh between 40-49 lbs. and a PS5 will be in the weight range of 50-59 lbs.

Growers can capitalize on additional seed size discounts within our system when those particular sizes are available. Discounts are given for small and extremely large seed sizes. PS3s, PS6s and PS7s have a discount off retail price.

The new Catalyst brand brings different seed sizes and treated with Cruiser 500 for added protection from several insects. The new 7893 3111 will Avicta Complete Corn SDS (Cruiser® 500).

All Catalyst brand products will be packaged in 80,000 kernel packages for 2014.

F1 & R1 will weigh 32 to 42 lbs. They will appear in the BX3 column for ordering.

F2 will weigh 43 to 55 lbs. They will appear in the BX5 column.

F3 will weigh 56 lbs. & up. They will appear in the BX6 column.

R2 & R3 will weigh 43 to 55 lbs. and 56 lbs. and up respectively and will appear in the BXR column.

Always check the GO sheet for the latest seed size availability. The Go sheets are updated regularly and can be found at www.burruseed.com. If you have questions, don't hesitate to talk to your local Burrus RSM or Hughes DSM. You can also call our office toll free at 877-4BURRUS. Our goal is to get you the correct hybrid in the best seed size available for your management application.

Updated numbering system for 2014

The Burrus numbering system indicates the maturity with the first digit. Multiply the first digit by two then add 100 for the maturity day rating. The example 4A30AM1™ brand, multiply the first digit by 2 = 8 then add 100. This depicts the maturity range as 108-109 day. The second letter and last two digits are at random except for the Optimum® AcreMax® products. Optimum® AcreMax® 1 products carry the letter "A" while the Optimum® AcreMax® RW products are depicted with the letter "M". When the letter is the same and the digits are consecutive indicates a similar family e.g. Brands 6B50™, 6B51R™ and 6B52S™. The last letter(s) is silent that was added to the product number for the purpose of reminding growers of the technology included in that product. The chart below explains what each means.

Brands	Maturity	Group	Technology	Designation	RR	LL	Resistance or Control
Power Plus® 6F74AMX™	113	Above/ Below- Ground Insect Control	Optimum® AcreMax® Xtra	AMX	Red	Blue	Herculex® Xtra, YieldGard® Corn Borer
Power Plus® 4B32AMX-R™	108		Optimum® AcreMax® Xtra	AMX-R			Herculex® Xtra, YieldGard® Corn Borer
Power Plus® 7A18AM1™	114		Optimum® AcreMax® 1	AM1			90% Herculex® Xtra and 10% Herculex® I Corn Borer
Catalyst™ 4685 3111	109		Agrisure Viptera® 3111	3111			Agrisure® Broad Lepidopteran, Agrisure® Rootworm, Agrisure® Corn Borer
Power Plus® 4P12 Q™	108		Quad, Optimum® TRIsect™	Q			Agrisure® Rootworm, Herculex® I Corn Borer
Power Plus® 7D51 Q™	115		Quad, Herculex® Xtra	Q			Herculex® Xtra
Burrus 6T54 3000GT	113		Agrisure® 3000GT	3000GT			Agrisure® Rootworm, Agrisure® Corn Borer
Hughes 2987 3011A	101		Agrisure Artesian® 3011A	3011A			Agrisure Artesian®, Agrisure® Rootworm, Agrisure® Corn Borer
Catalyst™ 6227 4011	110		Agrisure Artesian® 3011A	4011			Agrisure Artesian®, Agrisure® Rootworm, Agrisure® Corn Borer
Power Plus® 4J93AM™	109		Optimum® AcreMax®	AM			Herculex® I Corn Borer, YieldGard® Corn Borer
Power Plus® 7U15AM-R™	114	Above- Ground Insect Control	Optimum® AcreMax®	AM-R	Red	Blue	Herculex® I Corn Borer, YieldGard® Corn Borer
Power Plus® 4V43 S™	108		Stacked, Herculex® I	S			Herculex® I Corn Borer
Hughes 1285 GCL	94		Agrisure® GT/CB/LL	GCL			Agrisure® Corn Borer
Power Plus® 6F71 R™	113	Glyphosate- Resistant	Roundup Ready®	R			Glyphosate tolerant
Hughes 5124 GT	107		Agrisure® GT	GT			Glyphosate tolerant
Hughes 2428 GTA	100		Agrisure Artesian® GTA	GTA			Agrisure Artesian®, Glyphosate tolerant
Burrus 6G64	113	Non-GM	Non-GM Conventional	no letters			No traits
Power Plus® 1M45AMRW-R™	102	Other	Optimum® AcreMax® RW	AMRW-R			90% Herculex® Rootworm and 10% Roundup Ready® tolerant
Burrus 541L	110		LibertyLink®	L			Glufosinate tolerant

Bugged by corn rootworm?

Two ways for you to scout.

Rootworm resistance dilemma.

Fields – high risk for corn rootworm.

- Continuous corn planted three or more years.
- Same rootworm trait used each year.
- Insufficient refuge use in the past.
- Illinois and Iowa documented areas of rootworm resistance.

Options – to manage rootworm.

- Rotate rootworm traits.
- Plant soybeans.
- Plant hybrids with no rootworm traits and add soil insecticide.
- Use Poncho® 1250 on rootworm-traited seed.
- Follow refuge guidelines.

High rootworm beetle population.

Consider these options:

- Rotate rootworm traits.
- Use soil insecticide with rotated rootworm trait.
- Monitor rootworm beetle population.
- Low rootworm beetle population this year – no soil insecticide next year.

- Monitor rootworm beetle population dynamics annually.

Two ways for growers to scout.

Determine if soil insecticide is needed with rootworm traits to block resistance development in continuous corn.

I. Root dig method.

1. Record your gut feeling about the rootworm beetle population when walking the field in traired acres during July and August.
2. Dig roots in July and August to evaluate rootworm control in traired and refuge acres.
3. If the rootworm beetle population is high and root ratings of rootworm-traited hybrids are 0.25 or higher, use a granular soil insecticide the next year.
4. Keep annual records of your observations.

II. Rootworm beetle count method.

1. Scout rootworm-traited acres at pollination.

2. Examine four consecutive plants in five areas of the field:
 - a. Start at the bottom of the plant.
 - b. Count beetles on the leaf surface, leaf axils, stalk, ear tip, and tassel.
3. Divide the total number of beetles by the number of plants examined to determine the average number of beetles per plant.
4. If the average rootworm beetle population is 0.75 beetles or greater per plant, consider using a soil insecticide with rootworm traits the next year.
5. Should the rootworm beetle population be less than 0.75 beetles per plant, wait two weeks and scout again.
6. When the beetle population remains low for six weeks after the first scouting trip, no soil insecticide is necessary with rootworm traits the next year.



Here is how VOTiVO works

- Poncho/VOTiVO contains bacterial spores that germinate when the corn seed germinates.
- The bacteria create a living barrier that grows with young corn roots during the critical stage of plant establishment.
- The bacteria compete with nematodes for space and food resources.
- As a result, fewer nematodes reach the root surface, and some die from lack of nutrients.

Growth Initiated as Seed Germinates



Untreated



Fungicide Control +
Poncho/VOTiVO



New for 2014 – PowerShield® just got better again!

We are adding Poncho® 500 VOTiVO™ to our standard Burrus/Hughes seed treatment for 2014! The High rate of Poncho® (Poncho 1250) with VOTiVO™ will be available on selected products as well. Please consult your seed representative for specific seed availability. The higher rate of Poncho®, 500 or 1250 can improve insect control which can add yield. VOTiVO™ specifically protects corn roots from moderate nematode pressure by a unique biologically-based root protection system. Poncho® provides effective control of black cutworm, wireworms and white grub.



<< Scan now!

THINK BURRUS
see what's new!

Toll Free 877-4-BURRUS • burrusseed.com





ABOVE/BELOW-GROUND INSECT CONTROL

What makes us different?

We respect each brand of seed that survives today, but honestly we are different than most of the other seed companies.

- We are land based and have irrigated all our land that is practical.
- The seed business is not an investment or a job, it is **who we are**.
- We love what we do.
- We have a state-of-the-art conditioning facility and our own distribution system.
- We understand that we have to fight harder, have better products and provide more information and better service than the national brands.
- We have more fire in our belly, more passion to please you!
- For these and other reasons more growers are switching to and increasing their acres with our products.

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

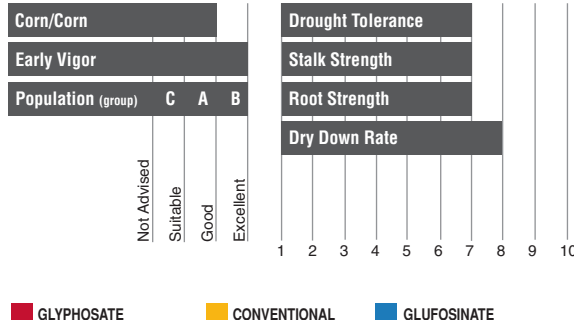
2796 3111
Brand

100 Day Maturity



- Agrisure Viptera® provides control of cutworm
- Good root structure
- Best performance in high yield environments
- Nice stable package

Hughes



Top end yielder for better soils.

Other products from the same genetic family: Hughes 2450 GT

General Characteristics

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

Planting Information Population

Speed of emergence: 9	31 – 37
High organic soils: 10	27 – 33
Timber soils: 10	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 9	
Wet soils: 9	

Agronomic Package

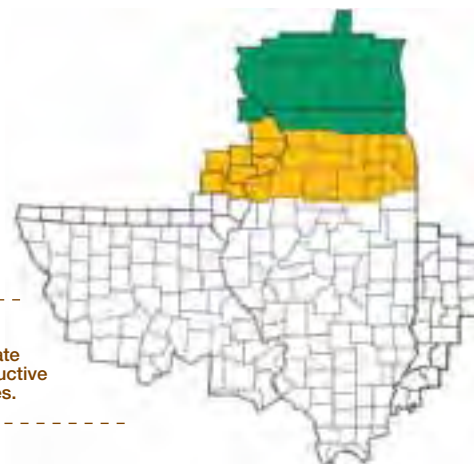
Fall appearance: 8
 No. leaf blight tolerance: 8
 So. leaf blight tolerance: 6
 Anthracnose tolerance: 7
 Gray leaf spot tolerance: 7
 Diplodia ear rot tolerance: 8
 Goss's wilt: 9
 Plant growth regulator sensitivity: 5
 Greensnap tolerance: 8

Harvest Information

Grain quality: 8
 Test weight: 7
 GDD to silk: 1220
 GDD to 30%: 2280
 Ear retention: 8
 High tonnage silage: 9
 Harvest residue: 8

Refuge Choices

Hughes 2428 GTA
 Hughes 2450 GT
 Hughes 1285 GCL



Toll Free 877-4-BURRUS • burrusseed.com

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

- Agrisure® Artesian drought system
- Excellent late-season stalk and fall appearance
- Consistent high yielding choice
- Good agronomics in early season product

Corn/Corn			
Early Vigor			
Population (group)	C	A	B
Not Advised			
Suitable			
Good			
Excellent			

Drought Tolerance		Artesian
Stalk Strength	9	
Root Strength	8	
Dry Down Rate	9	

■ GLYPHOSATE	■ CONVENTIONAL	■ GLUFOSINATE
---	--	---

Gets it done when conditions are tough.

Other products from the same genetic family: Hughes 2428 GTA

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

Speed of emergence: 8	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

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

Hughes 2428 GTA
Power Plus 1C21 R™
Hughes 2450 GT

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

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Tom Burrus speaks to growers about the future of agriculture.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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ABOVE/BELOW-GROUND INSECT CONTROL



PowerShield® to the rescue

Our PowerShield® treatment is an umbrella brand that represents the finest seed treatment combinations promoting emergence under cold, damp conditions, protecting seedlings from disease and insects, and ultimately adding yield. PowerShield® is a unique combination of seed treatment products that have been out performing imitator brands.

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

3953 3000GT

Brand

NEW

103 Day Maturity

Agrisure
3000GT

Agrisure
3000GT

- Medium-tall plant with good agronomics
- Best adapted to IL/WI state line area
- Will work corn after corn
- Versatile product that performs in corn after corn situations

Corn/Corn			
Early Vigor			
Population (group)	A	C	B
	Not Advised	Suitable	Good
			Excellent

GLYPHOSATE
 CONVENTIONAL
 GLUFOSINATE

Drought Tolerance	
Stalk Strength	
Root Strength	
Dry Down Rate	

A performer for the state line.

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 7	

Agronomic Package

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

Harvest Information

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

Refuge Choices

Power Plus 1C21 R™
Hughes 2428 GTA
Hughes 2450 GT



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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THINK BURRUS
see what's new!

Scan now! >>



2V56AMX™*
Brand



POWER PLUS

NEW

105 Day Maturity



- Optimum® AQUAmax™ hybrid with great drought tolerance
- High test weight grain
- Good top-end yield potential leads to grower's smiles
- No refuge needed
- Will benefit from fungicide applications under GLS pressure

Corn/Corn				Drought Tolerance		AQUAmax™			
Early Vigor				Stalk Strength					
Population (group)				Root Strength					
				Dry Down Rate					



ABOVE/BELOW-GROUND INSECT CONTROL

Maximize performance...

use some structured refuge products

Convenience of single bag refuge products are available from Burrus/Hughes for above ground insect control as well as above and below ground insect control for 2014 planting. If you want more genetic diversification and a wider product selection, do not hesitate to plant some excellent products that need a structured refuge, too. This method will bring maximum performance and some seed cost savings too.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

4607 Brand **3000GT**

105 Day Maturity

Agrisure
3000GT

Agrisure
3000GT

- Compact plant stature
- Excellent late season health and stalks
- Solid performer corn following corn
- Performs best in high yield situations



Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

Looks good in the fall, high top end yields.

General Characteristics

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

Planting Information

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

Population

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

Agronomic Package

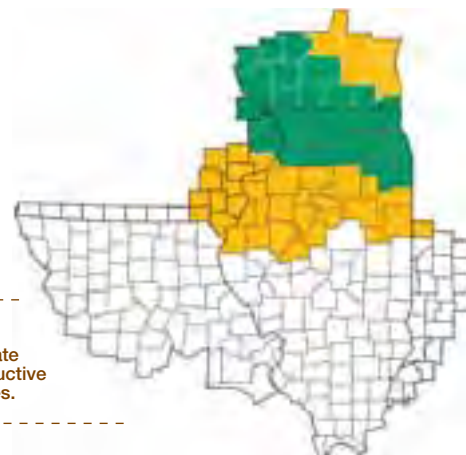
Fall appearance: 9
No. leaf blight tolerance: 7
So. leaf blight tolerance: NR
Anthracnose tolerance: 8
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: NR
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 9

Harvest Information

Grain quality: 6
Test weight: 6
GDD to silk: 1290
GDD to 30%: 2490
Ear retention: 9
High tonnage silage: 7
Harvest residue: 8

Refuge Choices

Power Plus 4P11 R™
Hughes 5124 GT



Toll Free 877-4-BURRUS • burrusseed.com

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

5456 3000GT
Brand



108S / 107N Day Maturity



- A strong choice; very consistent performance
- Excellent ear flex capability
- Very good fall appearance and intactness
- Husks open well for fast drydown

Corn/Corn

Early Vigor

Population (group)

A

B

C

Not Advised

Suitable

Good

Excellent

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

Fits all operations.

Other products from the same genetic family: Hughes 5124 GT

General Characteristics

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

Planting Information Population

Speed of emergence: 9	28 – 34
High organic soils: 10	26 – 32
Timber soils: 9	26 – 32
Clay & varied soils: 9	21 – 27
Sand (dryland): 8	28 – 34
Sand (irrigated): 9	
Wet soils: 8	

Agronomic Package

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

Harvest Information

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

Refuge Choices

Power Plus 4P11 R™
Hughes 5124 GT

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Liberty® and LibertyLink® are registered trademarks of Bayer.



**ABOVE/BELOW-GROUND
INSECT CONTROL**

Multi-tasking at its best

Burrus RSM Seth Link digs up sprouts as he gives advice on his cell to another grower. It is all part of providing the ultimate in service and support that comes with the seed when you buy Burrus/Hughes.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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ABOVE/BELOW-GROUND INSECT CONTROL

Hear direct from an owner

Todd Burrus enjoys speaking to growers about quality, performance and value. His nearly four decades of seed production experience adds value to his recommendations of getting the most out of the MyFarmsSM Crop Optimization Planner and variable rate planting technology.



Todd Burrus

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

NEW

4Y27AMX™*

108S / 107N Day Maturity



- Good stress tolerance, but keep on average or better soils
- Excellent greensnap resistance along with excellent roots
- Good in no-till and early planting
- Optimum[®] AQUAmax[™] hybrid with great drought tolerance
- No refuge needed



POWER PLUS

Corn/Corn

Early Vigor

Population (group) C A B

Not Advised
Suitable
Good
Excellent

Drought Tolerance AQUAmax[™]

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE



CONVENTIONAL

GLUFOSINATE

LIBERTY LINK

Plant it on your best farm.

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 10	31 – 37
Timber soils: 8	27 – 33
Clay & varied soils: 8	27 – 33
Sand (dryland): 6	23 – 29
Sand (irrigated): 7	31 – 37
Wet soils: 7	

Agronomic Package

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

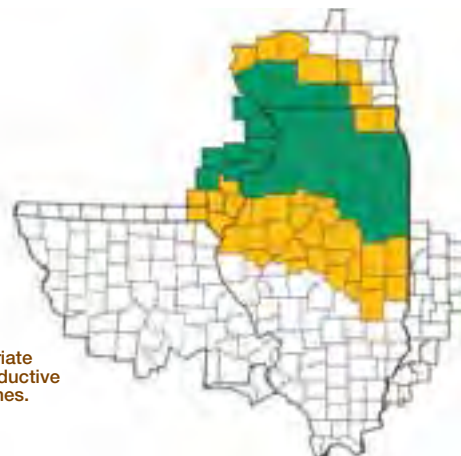
Harvest Information

Grain quality: 8
Test weight: 9
GDD to silk: 1320
GDD to 30%: 2700
Ear retention: 7
High tonnage silage: 5
Harvest residue: 5

Refuge Choices

No additional (or separate) refuge required.

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.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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THINK BURRUS

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4P12 Q™*
Brand

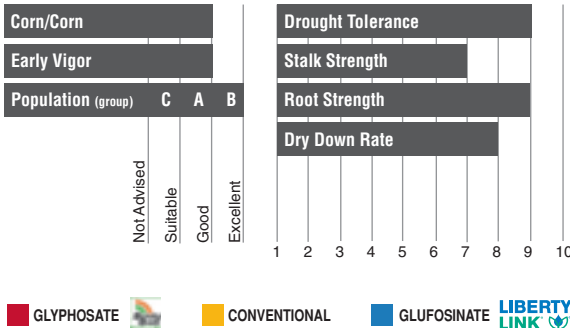
POWER PLUS

NEW

108S / 106N Day Maturity



- Makes a grower's choice easy as it works across all soil types
- The addition of Poncho® 1250 adds an extra layer of protection for CRW
- Plant integrity is a definite plus
- Good drought package



The sleeper in the line up.

Other products from the same genetic family: Power Plus 4P11 R™

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 10	31 – 37
Timber soils: 8	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

Fall appearance: 6
No. leaf blight tolerance: 6
So. leaf blight tolerance: NR
Anthracnose tolerance: 4
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

Harvest Information

Grain quality: 7
Test weight: 8
GDD to silk: 1360
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 5
Harvest residue: 5

Refuge Choices

Power Plus 4P11 R™*
Hughes 5124 GT
Burrus 6J35 GT

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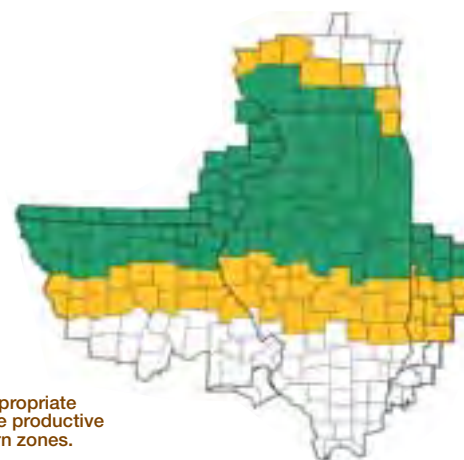
**ABOVE/BELOW-GROUND
INSECT CONTROL**

**“My fall-seeded
Hughes 372
hybrid alfalfa**

**was leafier and fast
growing.**

This spring after first cutting it has come back two inches in two days. It is dark green, fine stems and leafy. It was nice and tall and never lodged. Fine stems that were easy to chop and were green right after chopping-the field never turned brown. I most definitely will plant more this fall. If you want great dairy-quality alfalfa, plant Hughes”.

Wayne A Jeglum
Blanchardville, WI



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

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check out new products!

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ABOVE/BELOW-GROUND INSECT CONTROL

Burrus/Hughes committed to quality

At Burrus we are committed to the highest quality possible. We routinely use our "hooded sprayer" to remove any impurities in our seed fields. If the herbicide technology is on the male, we spray the chemical on the male rows while protecting the female rows with hoods. If it is on the female, we do the opposite. With more products carrying one herbicide technology on the male and another on the female, we can apply both on one pass with two tanks. Just one more step in providing the ultimate in high quality seed. If you are not planting all Burrus yet, ask your seed supplier if his seed is handled this way.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

6132 3000GT
Brand

108 Day Maturity

Agrisure
3000GT

Agrisure
3000GT

- High management returns big yield
- Push population and fertility
- Very good late season stalk gives peace of mind
- Moves north well as a full-season corn



Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

Top yields across wide geography.

General Characteristics

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

Planting Information

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

Population

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

Agronomic Package

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

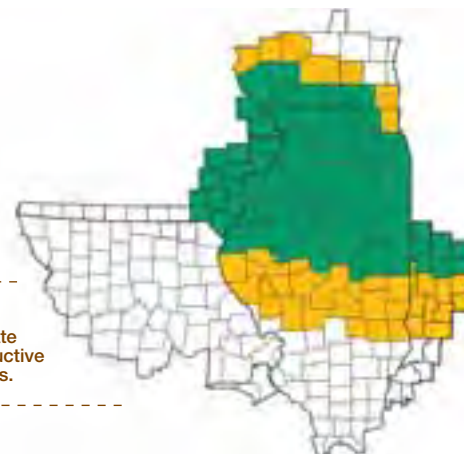
Harvest Information

Grain quality: 7
Test weight: 7
GDD to silk: 1360
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 9
Harvest residue: 9

Refuge Choices

Power Plus 4P11 R™
Hughes 5124 GT
Burrus 5Z41 GT

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GREEN • All soil types.

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4G46AMX™*
Brand

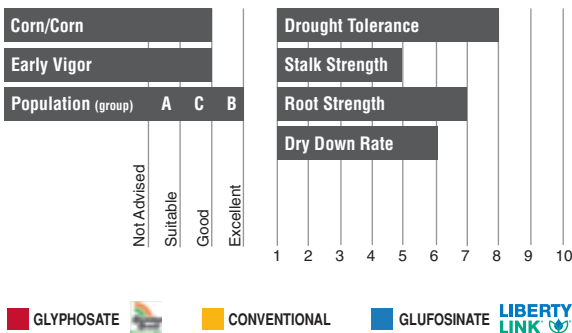
POWER PLUS

NEW

108S / 107N Day Maturity



- A serious performer with high, top end yield potential
- Heavy test weight grain
- Very good drought tolerance
- Responds to high management practices like fungicide applications



High yield with convenience.

**ABOVE/BELOW-GROUND
INSECT CONTROL**

**Hills, dips, and
flat out black...
we've got it covered**

Increased effort in product identification and fitting. Working together, Burrus and Hughes are conducting over 40,000 tests to identify the best in genetics, traits, grain profile and agronomic strengths. We have potential access to more germ-plasm than many national brands. Our "stress soil" focus has identified products that work across an array of soils. The multi-national companies only test on flat black ground. The Burrus approach to testing is important if you farm on more than one soil type.

General Characteristics

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

Planting Information Population

Speed of emergence: 7	
High organic soils: 9	31 – 37
Timber soils: 8	27 – 33
Clay & varied soils: 8	27 – 33
Sand (dryland): 7	23 – 29
Sand (irrigated): 8	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

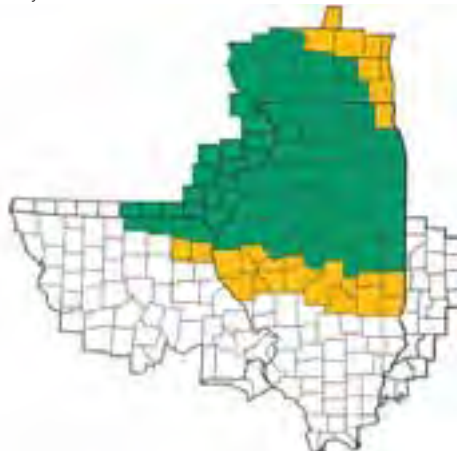
Grain quality: 8
Test weight: 9
GDD to silk: 1330
GDD to 30%: 2730
Ear retention: 8
High tonnage silage: 9
Harvest residue: 6

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



« Scan now!

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





ABOVE/BELOW-GROUND INSECT CONTROL

Burrus/Hughes are leaders in variable rate planting!

This spring we used our MyFarmsSM technology to plant over 100 fields and with many different controllers. "It worked like a charm" said David Palmer of Bolchow, MO. "The monitor population changes were instantaneous and judging by the eye, right where you would want them to be."



David Palmer

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

4B32AMX-RTM **4A30AM1TM**

Brand

Brand

**POWER
PLUS**

108 Day Maturity



- Best at very high populations
- Superb yield potential
- Excellent stalk and root strength complete the package
- Heavy test weight grain

Corn/Corn	
Early Vigor	
Population (group)	C B A
Not Advised	
Suitable	
Good	
Excellent	

Drought Tolerance	
Stalk Strength	
Root Strength	
Dry Down Rate	

GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

Top of the class.

Other products from the same genetic family: Power Plus 4M31AMRW-RTM

General Characteristics

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

Planting Information Population

Speed of emergence: 8
High organic soils: 10 34 – 40
Timber soils: 9 31 – 37
Clay & varied soils: 9 31 – 37
Sand (dryland): 8 26 – 32
Sand (irrigated): 9 34 – 40
Wet soils: 8

Agronomic Package

Fall appearance: 9
No. leaf blight tolerance: 5
So. leaf blight tolerance: 6
Anthracnose tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: 4
Greensnap tolerance: 6

Harvest Information

Grain quality: 10**
Test weight: 10
GDD to silk: 1320
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

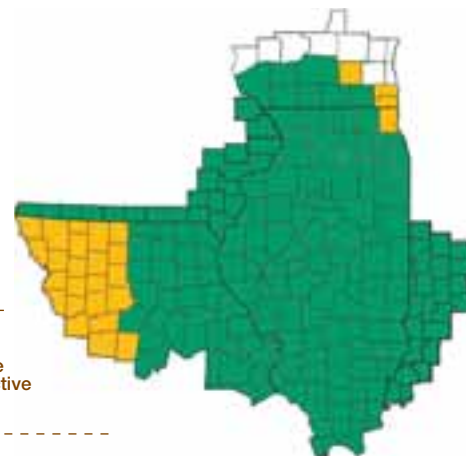
Power Plus 4B32AMX-RTM:

No additional (or separate) refuge required.

Power Plus 4A30AM1TM:

Power Plus 4M31AMRW-RTM
Power Plus 4P11 RTM
Burrus 5Z41 GT

**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



Toll Free 877-4-BURRUS • burruseed.com

4J95AMX™*

Brand

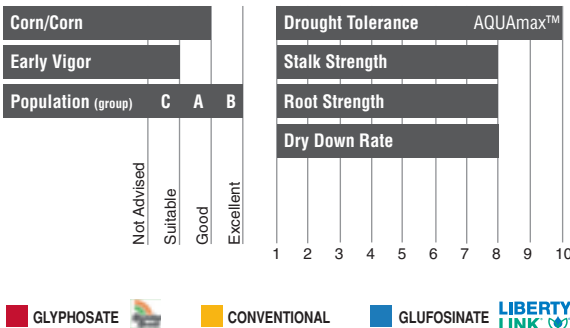
POWER PLUS

NEW

109 Day Maturity



- Silks early for this maturity opening opportunities
- Will adapt very well across geography and soil types
- Good agronomics and responds favorably to fungicide management
- Optimum® AQUAmax™ hybrid with great drought tolerance



The new standard for yield with no refuge needed.

Other products from the same genetic family: Power Plus 4J93AM™

General Characteristics

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

Planting Information Population

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

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

Agronomic Package

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

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.

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.

ABOVE/BELOW-GROUND
INSECT CONTROL

We issue rain checks

With the Burrus® 100% free replant offer for the 78th consecutive year, we assure farmers a growing start if Mother Nature turns on you. Over the years we've helped farmers restart to the tune of \$40 million dollars in free replant.

That's because we're all about farmer profitability. Our commitment is top-yielding corn and soybeans.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



<< Scan now!

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





ABOVE/BELOW-GROUND INSECT CONTROL

Why Catalyst™?

“The distribution agreement with Syngenta puts Burrus Hybrids in a very strong position for grower choice,” said Tom Burrus. “Our growers now have even more access to germplasm, cutting-edge technology, and high quality hybrids that are as powerful as the offerings of any company out there. Plus, Burrus growers have the convenience of dealing with an independent, farm-family owned company.”



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

4685 3111
Brand

109S / 112N Day Maturity

Agrisure
Viptera™

Agrisure
Viptera™

- Compact plant stature with excellent standability
- Favorable drought tolerance scores
- Excellent plant integrity allows for harvest flexibility
- May respond to fungicide application management

Catalyst™

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Order while supply lasts.

General Characteristics

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

Planting Information

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

Population

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

Agronomic Package

Fall appearance: 8
No. leaf blight tolerance: 8
So. leaf blight tolerance: 9
Anthracnose tolerance: 7
Gray leaf spot tolerance: 4
Diplodia ear rot tolerance: NR
Goss's wilt: 7
Plant growth regulator sensitivity: 6
Greensnap tolerance: 8

Harvest Information

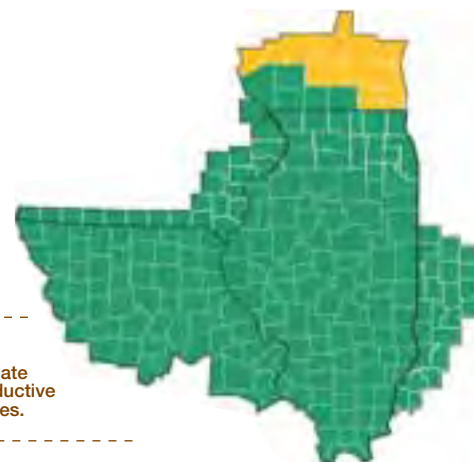
Grain quality: 8
Test weight: 7
GDD to silk: 1420
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 5
Harvest residue: 5

Refuge Choices

Power Plus 4P11 R™
Burrus 5Z41 GT
Power Plus 6F71 R™
Burrus 6J35 GT

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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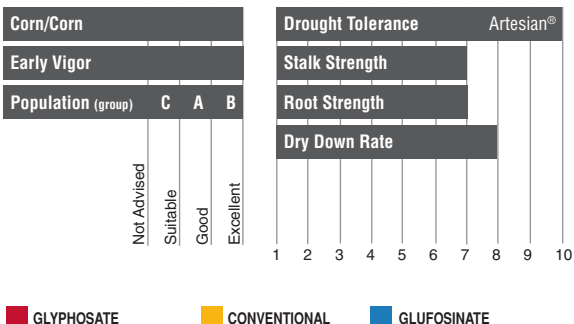
6227 4011
Brand



110S / 112N Day Maturity



- Consistent, chunky ears = yield
- Good health package with a strong defensive mindset
- A strong option to capture the best performance on prairie soils
- Agrisure Artesian® technology maximizes yield when it rains and increases yield when it doesn't



Excels on good soils.

General Characteristics

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

Planting Information Population

Speed of emergence: 8	31 – 37
High organic soils: 10	27 – 33
Timber soils: 8	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 9	
Wet soils: 6	

Agronomic Package

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

Harvest Information

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

Refuge Choices

Burrus 5Z41 GT
Power Plus 6F71 R™
Power Plus 4P11 R™
Burrus 6J35 GT

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**ABOVE/BELOW-GROUND
INSECT CONTROL**

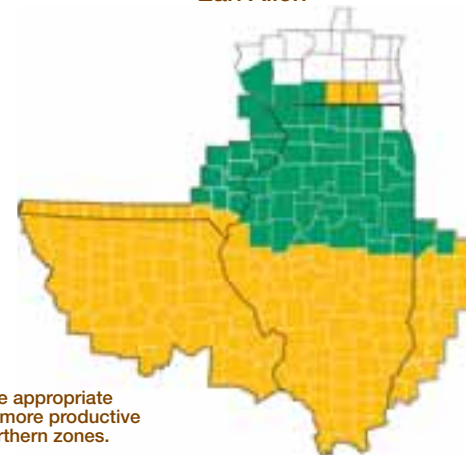
Dr. Earl Allen is our research agronomist.

He designs, plants, monitors and harvests thousands of Burrus research plots to identify the best combination of traits and products for our customers. Earl farms with his family, growing corn and beans, and also conducts Burrus soybean research in Logan County, IL. Put his knowledge, know how, and thirty years of soil fertility experience to work for you.

Call Earl at 1 877 4BURRUS.



Earl Allen



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





Have you ever spent half a day

**driving around to see
how much rain you
got everywhere?**

Rainfall can be checked on your computer with the click of a mouse on our MyFarmsSM portal. Put all your farms on the system so you can check the rain anytime you want and never leave home base.



GENERAL RATINGS SCALE:

10 = outstanding

5 = average

1 = poor



Toll Free 877-4-BURRUS • burrusseed.com



110S / 112N Day Maturity



- Plant at high populations
- One of our very best yielders year after year; consistent across environments
- Very good stalks and roots
- Good drought tolerance

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

Very exciting performer...look at the Harvest Report.

Other products from the same genetic family: Burrus 6J35 GT

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 10	31 – 37
Timber soils: 8	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

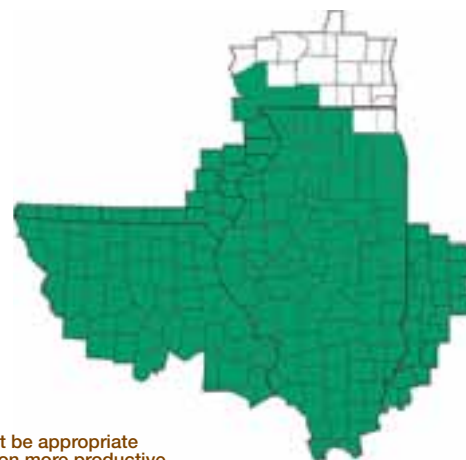
Fall appearance: 6
No. leaf blight tolerance: 8
So. leaf blight tolerance: NR
Anthracnose tolerance: NR
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

Harvest Information

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

Refuge Choices

Burrus 5Z41 GT
Power Plus 4P11 R™
Power Plus 6F71 R™
Burrus 6J35 GT



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

THINK BURRUS
see what's new!

Scan now! >>

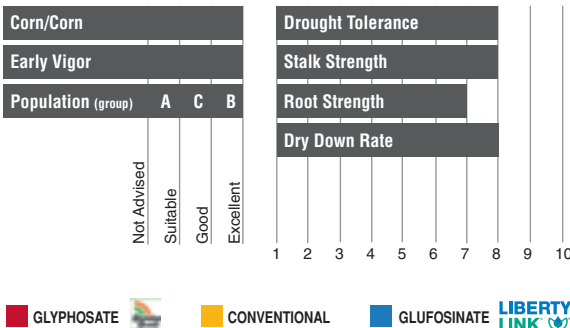


6A12AM1™*

Brand

**POWER PLUS****ABOVE/BELOW-GROUND
INSECT CONTROL****112 Day Maturity****AcreMax 1****AcreMax 1**

- Good disease package
- Strong traits allowing for longer harvest window
- Heavy test weight grain is a trademark
- Good drought tolerance is a plus for growers

**Performance speaks loudly.****General Characteristics**

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

Planting Information Population

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

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

Agonomic Package

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

Harvest Information

Grain quality: 9
 Test weight: 7
 GDD to silk: 1370
 GDD to 30%: 2750
 Ear retention: 8
 High tonnage silage: 8
 Harvest residue: 10

Refuge Choices

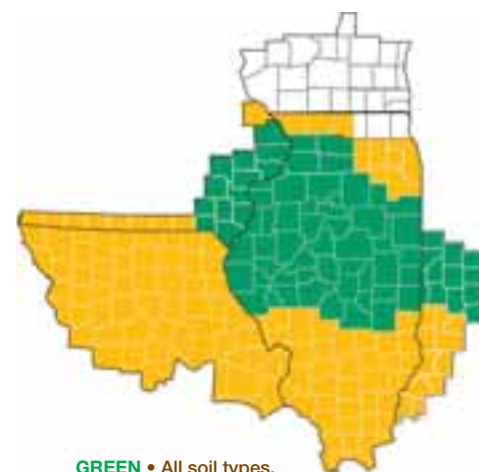
Burrus 5Z41 GT
 Power Plus 6F71 R™*
 Power Plus 4P11 R™*
 Burrus 6J35 GT

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Liberty® and LibertyLink® are registered trademarks of Bayer.

Maximize your income.**Protect your farm.**

Corn on Corn is still an important option for income maximization. We offer numerous options to protect your farm from developing rootworm resistance. Move to dual modes of action for CRW by adding Force® insecticide to your corn rootworm protection or rotate the corn rootworm event. We have a complete strategy for growers with concerns of Corn Rootworm resistance.

**GREEN** • All soil types.**YELLOW** • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

<< Scan now!

THINK BURRUS
see what's new!**Toll Free 877-4-BURRUS • burrusseed.com**



ABOVE/BELOW-GROUND INSECT CONTROL

Three generations

Smiling with their Burrus yields right after harvesting their high yielding test plot. "I'm proud to grow 100% of the Burrus family of products including both seed corn and soybeans," said Chuck Leary.



Chuck, Terry, Collin, Derrick, Dillon and Anthony Leary

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor



Toll Free 877-4-BURRUS • burrusseed.com

6T54 3000GT

Brand

NEW

113 Day Maturity

Agrisure
3000GT

Agrisure
3000GT

- High yield potential on prairie soils
- Great early planting choice because of excellent emergence ratings
- Use soil insecticide or add Poncho® 1250 VOTIVO for second mode of rootworm control
- Excellent silage option north



Think
BURRUS®

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

GLYPHOSATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

CONVENTIONAL

GLUFOSINATE

It will fool you with more corn than it looks.

Other products from the same genetic family: Power Plus 6F71 R™ and Power Plus 6F70™

General Characteristics

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

Planting Information

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

Population

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

Harvest Information

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

Refuge Choices

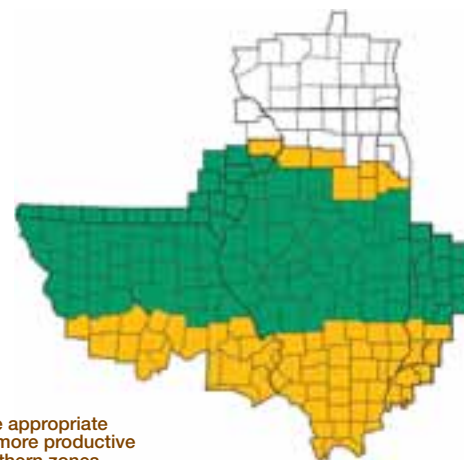
Burrus 5Z41 GT
Power Plus 6F71 R™
Burrus 6J35 GT

Agronomic Package

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

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



THINK BURRUS
see what's new!

Scan now! >>



6F74AMX™*
Brand

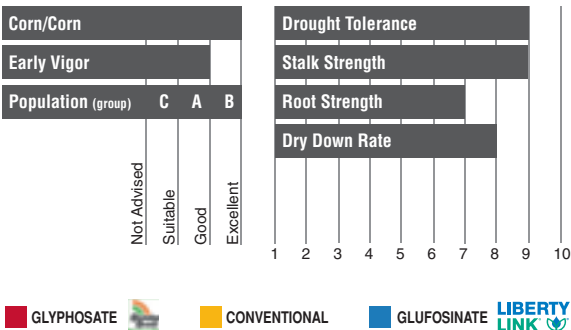


POWER PLUS

113 Day Maturity



- Performance is documented across soil types
- No refuge needed
- Good drought tolerance as it prefers well drained soils
- Very good leaf disease and ear rot tolerances



Plant it with confidence.

Other products from the same genetic family: Power Plus 6F71 R™* and Power Plus 6F70™*

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 8	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 7	31 – 37
Wet soils: 7	

Agronomic Package

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

Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.

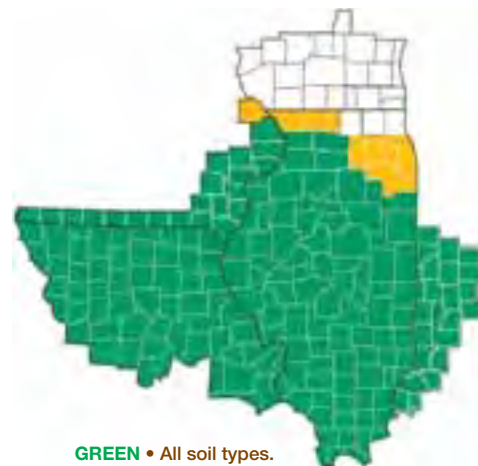
**Grain premium potential

**ABOVE/BELOW-GROUND
INSECT CONTROL**

Born before 1980?

You probably walked beans to clean up weed escapes from herbicides. Respect the rotation of chemical families by planting Hoblit LibertyLink® resistant soybeans or you might be back walking beans like you did in the 80s. But walking beans this time will be to clean up glyphosate-resistant weeds posing a serious threat to a system we have enjoyed for 15 years. These weeds have been documented in numerous locations.

Don't wait till it's too late — you don't want to go back to walking beans!



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





ABOVE/BELOW-GROUND INSECT CONTROL

Bugged by corn rootworm?

**“You wear many hats.
Maybe it is time for one
of these.”**

“Western corn rootworms have adapted to virtually every management approach that has been used repeatedly and not integrated, including several classes of insecticides and the Cry3Bb1 protein used in some Bt hybrids,” Dr. Mike Gray, University of Illinois entomologist.

**We can help with Herculex®
and Agrisure® trait rootworm
components!**



Photo by Chad Mitchell Photography

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

7A18AM1™*

Brand

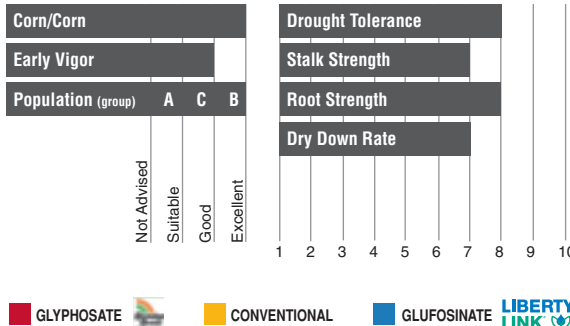
114 Day Maturity



- Super high yield potential backed with excellent agronomics
- Great choice for the corn rootworm areas
- Exceptional drought tolerance
- Nice stay green with good stalks and roots



POWER PLUS



Off the chart performance.

Other products from the same genetic family: Power Plus 7U15AM-R™

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 10	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 10	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

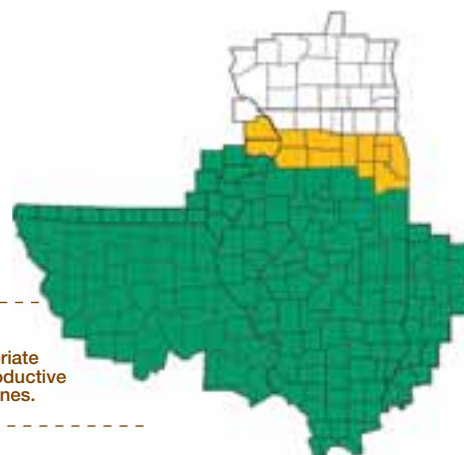
Grain quality: 9**
Test weight: 8
GDD to silk: 1450
GDD to 30%: 2900
Ear retention: 9
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

Power Plus 6F71 R™*
Burrus 5Z41 GT

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**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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7D51 Q™*
Brand

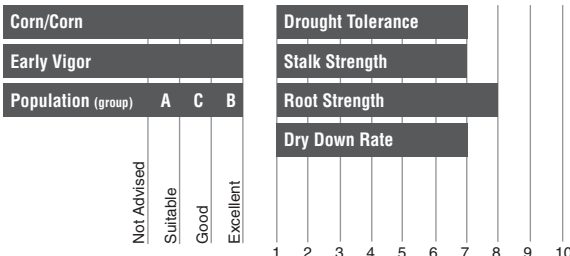


POWER PLUS

115 Day Maturity



- Beautiful grain quality
- Very good stalks & roots even at higher populations
- Good tolerance to Gray leaf spot and Northern Leaf Blight
- Use either Roundup® or Liberty® herbicides



GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

The most consistent performer, hard endo too!

Other products from the same genetic family: Burrus 750 and Power Plus 750™*

General Characteristics

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

Planting Information Population

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

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

Agronomic Package

Fall appearance: 10
No. leaf blight tolerance: 8
So. leaf blight tolerance: 8
Anthracnose tolerance: 8
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 8
Goss's wilt: 8
Plant growth regulator sensitivity: 5
Greensnap tolerance: 8

Harvest Information

Grain quality: 10**
Test weight: 10
GDD to silk: 1490
GDD to 30%: 2900
Ear retention: 9
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

Power Plus 6F71 R™*
Burrus 5Z41 GT

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Liberty® and LibertyLink® are registered trademarks of Bayer.

**Grain premium potential

**ABOVE/BELOW-GROUND
INSECT CONTROL**

Page layout

For your convenience, we've included comprehensive information on each page pertaining to each particular product. You will also notice the tab at the top of the page indicating the technology group of each respective hybrid. You can also find a small map indicating the preferred areas of adaptability for each hybrid. This information should help make product selection easier and more convenient for the grower.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





ABOVE/BELOW-GROUND INSECT CONTROL

What can you do to protect your farm?

1. Rotate Corn Rootworm traits from year to year. If you planted YieldGard® last year, move to Herculex® or Agrisure® traits for a different corn rootworm event. Do not continue to use the same trait year after year.
2. Use multiple modes of action.
3. Add a soil insecticide to the corn rootworm trait.
4. Plant soybeans.
5. Plant a conventional non-GM hybrid and use soil insecticide.
6. Always plant a refuge.
7. Go to our website www.burruseed.com or call us at 1-877-4BURRUS for a complete discussion or to answer any questions.

Avoid a potential disaster on your farm next year. Burrus is willing to help you safely manage around this problem. We have both technology solutions for rotation in high performing products.



Photo courtesy of Pixar.

GENERAL RATINGS SCALE:

- 10 = outstanding
5 = average
1 = poor



Toll Free 877-4-BURRUS • burruseed.com

NEW

7893 3111

Brand

115 Day Maturity

Agrisure
Vipterasm

Agrisure
Vipterasm

- Strong, stable performance east to west in zones 6, 7 and 8
- Great choice for sand irrigated acres
- Harness the top end yield potential
- Adaptable to most management practices

Catalyst™

Corn/Corn

Early Vigor

Population (group)

A B C
Not Advised
Suitable
Good
Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

The Banker's corn, plant it along the road.

General Characteristics

Plant height: 7

Ear height: 6

Ear type: Flex

Planting Information

Population

Speed of emergence: 8

High organic soils: 8

Timber soils: 9

Clay & varied soils: 9

Sand (dryland): 9

Sand (irrigated): 9

Wet soils: 8

28 – 34

26 – 32

26 – 32

21 – 27

28 – 34

Agronomic Package

Fall appearance: 9

No. leaf blight tolerance: 7

So. leaf blight tolerance: 8

Anthracoze tolerance: 7

Gray leaf spot tolerance: 6

Diplodia ear rot tolerance: NR

Goss's wilt: 8

Plant growth regulator sensitivity: NR

Greensnap tolerance: 8

Harvest Information

Grain quality: 7

Test weight: 8

GDD to silk: 1500

GDD to 30%: 2900

Ear retention: 9

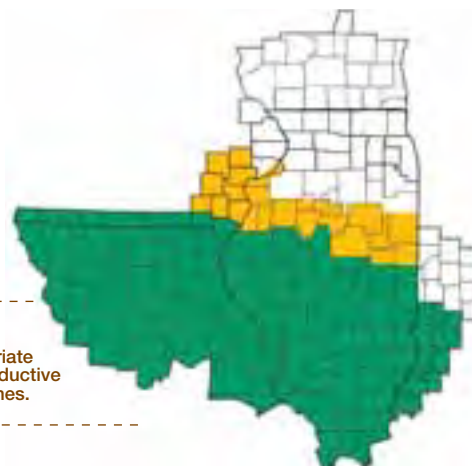
High tonnage silage: 10

Harvest residue: 10

Refuge Choices

Power Plus 6F71 R™*

Burrus 5Z41 GT



GREEN • All soil types.

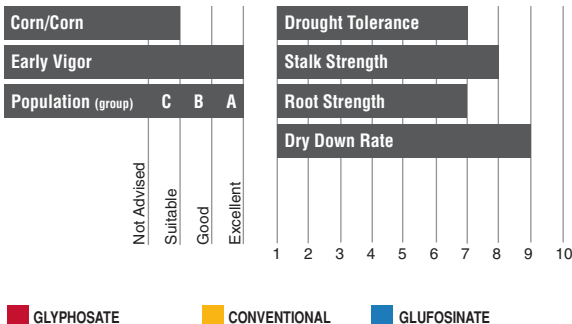
YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

1285 GCL

Brand

*Hughes***94 Day Maturity**Agrisure
GT/CB/LLAgrisure
GT/CB/LL

- Prefers good ground
- Responds to high management practices
- Fixed ear requires population bump
- Husks open up for rapid dry down

**The problem solver.****ABOVE-GROUND
INSECT CONTROL**

Taking population counts with Pa.

Todd Burrus with grandsons Mason and Adam Krohe are checking seed fields. It looks like they enjoy being together while learning the business from the ground up.

**General Characteristics**

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

Planting Information Population

Speed of emergence: 7	34 – 40
High organic soils: 10	31 – 37
Timber soils: 8	31 – 37
Clay & varied soils: 8	26 – 32
Sand (dryland): 7	34 – 40
Sand (irrigated): 9	
Wet soils: 7	

Agronomic Package

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

Harvest Information

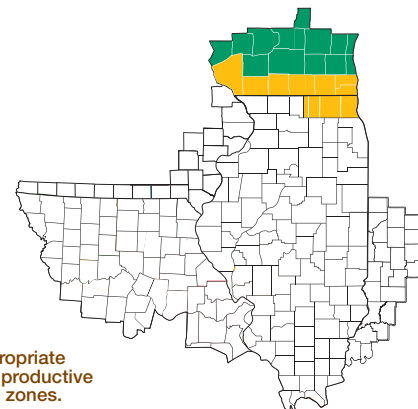
Grain quality: 7
Test weight: 7
GDD to silk: 1130
GDD to 30%: 2190
Ear retention: 8
High tonnage silage: 8
Harvest residue: 7

Refuge Choices

Hughes 2428 GTA
Hughes 2450 GT

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**GREEN** • All soil types.**YELLOW** • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

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ABOVE-GROUND INSECT CONTROL

Have an iPhone, Android, iPad?

Order seed from any electronic device via Seedware.

We are introducing new software for communication to and from our dealers. It is the most user-friendly and will work with any electronic device, whether it is an iPhone, Android, Blackberry, iPad or computer. It will take orders and provide important information about your business with us.

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor



Toll Free 877-4-BURRUS • burrusseed.com

2N82AM™*

Brand

NEW

105 Day Maturity



- Allows growers to plant early and harvest early
- No additional (or separate) refuge required.
- Optimum® AQUAmax™ hybrid with great drought tolerance
- The ideal early season product for light soils

POWER PLUS

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

GLYPHOSATE



CONVENTIONAL

GLUFOSINATE

LIBERTY
LINK

Drought Tolerance AQUAmax™

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

The ideal early product for light soils.

General Characteristics

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

Planting Information Population

Speed of emergence: 7	
High organic soils: 7	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 6	31 – 37
Wet soils: 8	

Agronomic Package

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

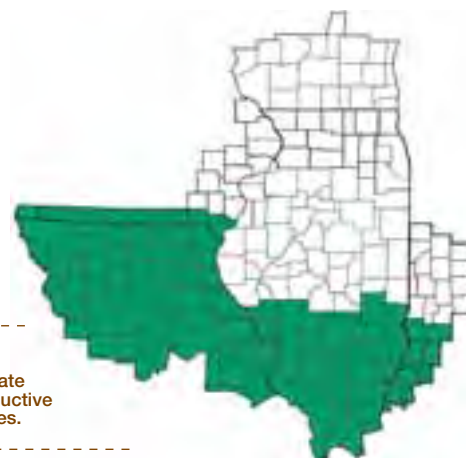
Harvest Information

Grain quality: 9
Test weight: 8
GDD to silk: 1310
GDD to 30%: 2680
Ear retention: 9
High tonnage silage: 5
Harvest residue: NR

Refuge Choices

No additional (or separate) refuge required.

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.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

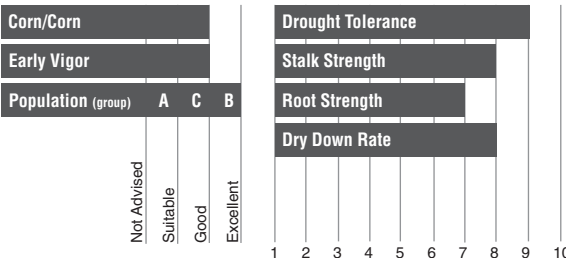
4V43 S™*
Brand

POWER PLUS

108 Day Maturity



- Coveted by growers for its tremendous yield potential
- Well adapted to the non-variant areas of Illinois and Missouri
- Good stalks and roots with consistency across environments
- Good health well into the fall



GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

Tremendous yield potential and versatility.



**ABOVE-GROUND
INSECT CONTROL**

High yield comes from kernel depth

Catalyst™ 4685 3111 has high yield potential with the extra kernel depth it takes to take your yields to new highs. Enjoy the performance advantage this product can bring you.

General Characteristics

Plant height: 5
Ear height: 7
Ear type: Intermediate

Planting Information Population

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

Agronomic Package

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

Harvest Information

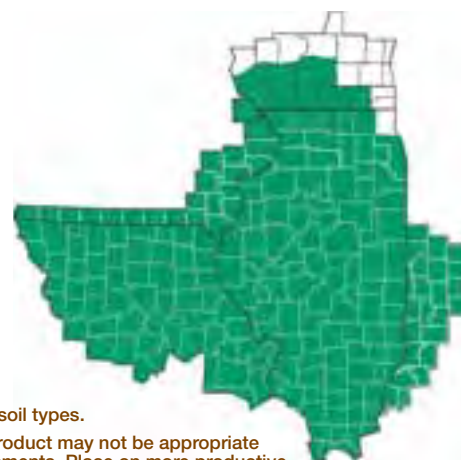
Grain quality: 8
Test weight: 8
GDD to silk: 1340
GDD to 30%: 2800
Ear retention: 9
High tonnage silage: 7
Harvest residue: 7

Refuge Choices

Power Plus 4P11 R™
Burrus 5Z41 GT
Burrus 6J35 GT

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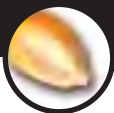
GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

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ABOVE-GROUND INSECT CONTROL

Irrigated seed production

At Burrus/Hughes we have reduced our exposure to drought with 88% of our seed corn production under irrigation. We have irrigated all of our family owned land that is practical. We are committed to bringing you a supply of high yielding products.



4J93AMTM*

Brand

NEW

109 Day Maturity

AcreMax
PROVE

AQUAmax
PROVE

- New Optimum® AcreMax® version of Power Plus 4J95AMX™*
- Short, low ear with excellent ear retention
- Will work across geography and soil types
- Optimum® AQUAmax™ hybrid with great drought tolerance

Corn/Corn			
Early Vigor			
Population (group)	C	A	B
Not Advised			
Suitable			
Good			
Excellent			

■ GLYPHOSATE

■ CONVENTIONAL

■ GLUFOSINATE

Setting a new performance standard.

Other products from the same genetic family: Power Plus 4J95AMX™*

General Characteristics

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

Planting Information Population

Speed of emergence: 7	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): NR	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: NR	

Agronomic Package

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

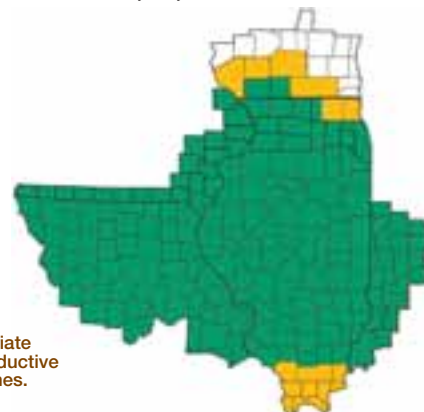
Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

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.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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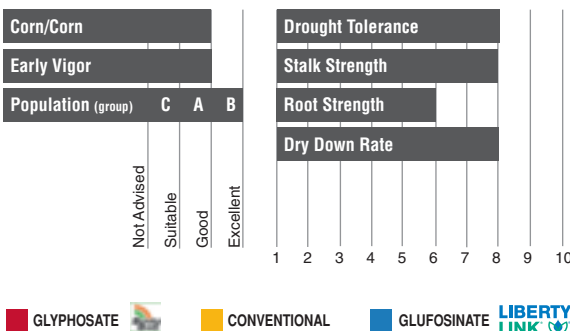
6C41 S™*
Brand

POWER PLUS

112 Day Maturity



- Super high yield potential with durability across soils
- Taller plant type with excellent stalks
- Designed for Southern Illinois and Missouri
- Heavy test weight grain similar to Power Plus 7D51 Q™*



Hard endo premium candidate.

Other products from the same genetic family: Power Plus 6C40™*

General Characteristics

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

Planting Information Population

Speed of emergence: 9	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 8	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

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

Refuge Choices

Power Plus 6F71 R™
Burrus 5Z41 GT
Burrus 6J35 GT

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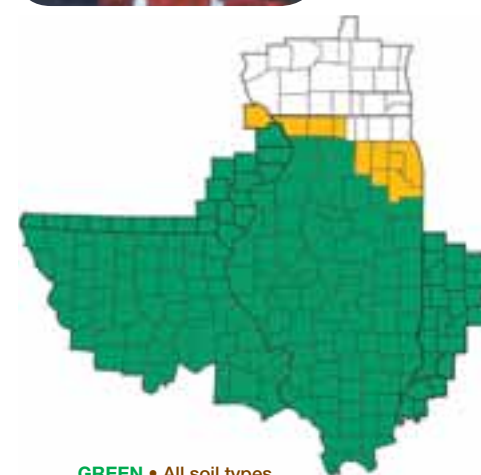
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**Grain premium potential

**ABOVE-GROUND
INSECT CONTROL**

Earn money and enjoy some tunes

Over 600 high school and college students help Burrus and Hughes pull tassels. "We could hire contractors cheaper, but feel it is a way to 'give back to our communities' in teaching young people how to work and the value of a dollar," Todd Burrus said.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



« Scan now!

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see what's new!

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ABOVE-GROUND INSECT CONTROL

New Evolution optical color sorters being installed at Burrus!

Both the human eye and the Evolution detect color through three wavelengths, red, green and blue, allowing the sorter to match the eye's ability to see true color. High resolution cameras identify small color deviations and then the machine rejects those kernels. The ultimate in achieving the highest quality possible. "We are dedicated to installing the newest technology to provide the highest quality possible for our customers," says Kevin Burrus.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

7H23 S™*
Brand

NEW

114 Day Maturity



- Deep kernels with girth is a key attribute
- Great drought tolerance allows for wide adaptability
- Excellent ear retention helps extend the harvest window
- Silks early for maturity

**POWER
PLUS**

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent



GLYPHOSATE



CONVENTIONAL



GLUFOSINATE



Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

Might have the most raw yield of any product.

General Characteristics

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

Planting Information

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

Population

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

Agronomic Package

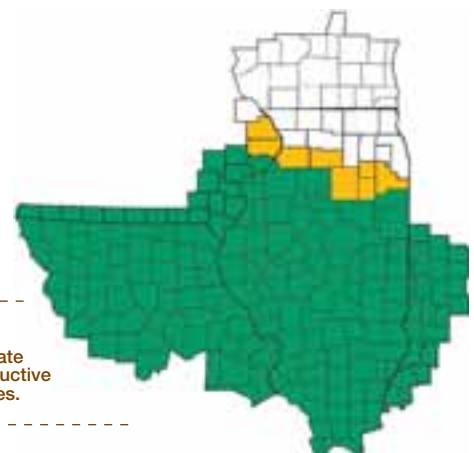
Fall appearance: 8
No. leaf blight tolerance: 6
So. leaf blight tolerance: NR
Anthracnose tolerance: 6
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 8

Harvest Information

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

Refuge Choices

Power Plus 6F71 R™
Burrus 5Z41 GT



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



Toll Free 877-4-BURRUS • burrusseed.com

7U15AM-R™*

Brand



POWER PLUS

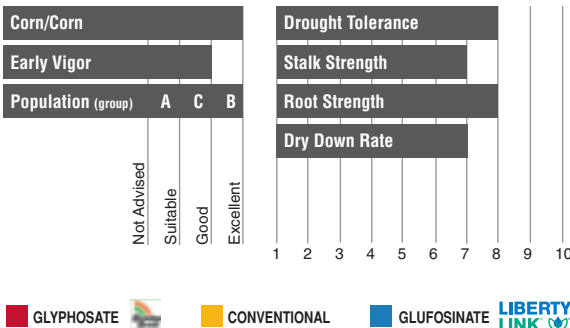


**ABOVE-GROUND
INSECT CONTROL**

114 Day Maturity



- Convenient with no separate refuge required
- Excellent agronomic characteristics
- Good drought tolerance
- Growers will appreciate this high yield potential



Off the chart performance.

Other products from the same genetic family: Power Plus 7A18AM1™*

General Characteristics

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

Planting Information Population

Speed of emergence: 8	31 – 37
High organic soils: 10	27 – 33
Timber soils: 9	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 9	31 – 37
Sand (irrigated): 10	
Wet soils: 8	

Agronomic Package

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

Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

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**Grain premium potential

The Hughes facility

is northwest of Chicago in McHenry County near the Wisconsin line. They supply product, testing and service from their plant for customers in the northern Illinois and Wisconsin area.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

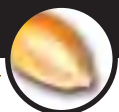


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ABOVE-GROUND INSECT CONTROL

New Product Guide design

For 2014 the Guide has been grouped by products with the same insect control or herbicide resistance. This will simplify product selection. For the ultimate in product selection, consult your Burrus/Hughes representative to demonstrate the MyFarmsSM system. It is revolutionary.

8V08 STM*
Brand

116 Day Maturity



- One of the highest yielding hybrids we've ever launched!
- Taller plant type with excellent stalks and roots
- Specifically designed for Southern Illinois and Missouri
- Works across all soils

**POWER
PLUS**

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE



CONVENTIONAL

GLUFOSINATE

LIBERTY
LINK

Superior yielding stacked product.

General Characteristics

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

Planting Information Population

Speed of emergence: 7	
High organic soils: 10	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 10	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

Grain quality: 8
Test weight: 8
GDD to silk: 1380
GDD to 30%: 2850
Ear retention: 8
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

Power Plus 6F71 RTM*
Burrus 5Z41 GT

GENERAL RATINGS SCALE:

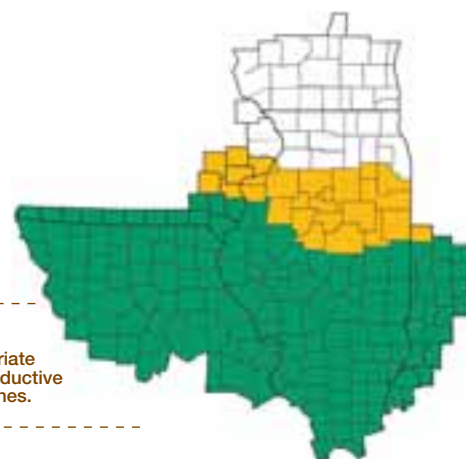
10 = outstanding
5 = average
1 = poor



Toll Free 877-4-BURRUS • burrusseed.com

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



2428 GTA

Brand

Hughes

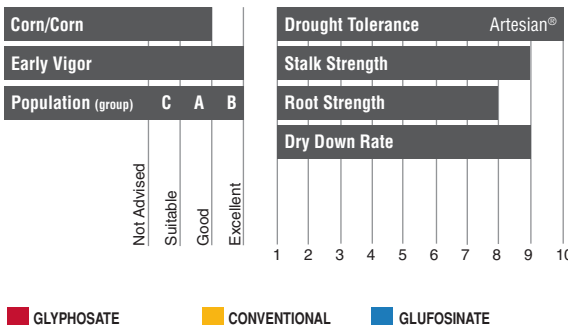
NEW

GLYPHOSATE-RESISTANT

100 Day Maturity

Agrisure
ArtesianGTA

- Excellent late-season stalk and fall appearance opening the harvest window
- Excellent performance across soil types
- Very good agronomics in early season product



Early and tough.

Other products from the same genetic family: Hughes 2987 3000GT

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

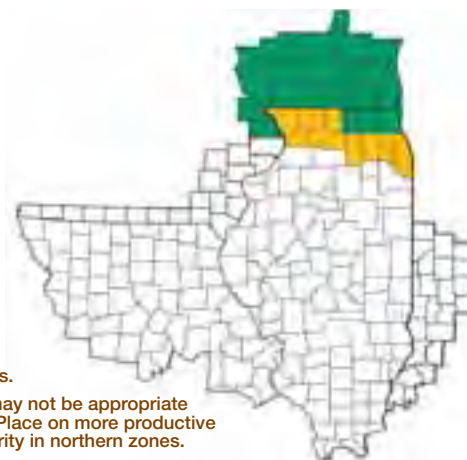
Grain quality: 7
Test weight: 7
GDD to silk: 1250
GDD to 30%: 2400
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

Refuge Choices

No efile needed.

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Liberty® and LibertyLink® are registered trademarks of Bayer.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

Handcrafted by Hughes

The Hughes brand is one component of our rich Burrus family of brands. We pride ourselves on offering choice to our customers. Choice of genetics, trait and style is important to best serving growers' needs.

Hughes is not only a brand, but the northern market area production, shipping and service hub for our alliance. Like Burrus, the Hughes family has a long history of seed expertise and is actively involved in all aspects of the business.

The "Handcrafted by Hughes" mark shows up when we are highlighting the special differences that make Hughes different than national brands. The Hughes operation is very compatible with Burrus in that they place maximum emphasis on producing the highest quality of seed possible. Think of our operation as producing custom-grade products. We are able to achieve this level of excellence by focusing less on quantity than on the small details.

The next time you see the handcrafted logo, we hope it reminds you of the special care we give to all of your seed needs.



THINK BURRUS
check out new products!

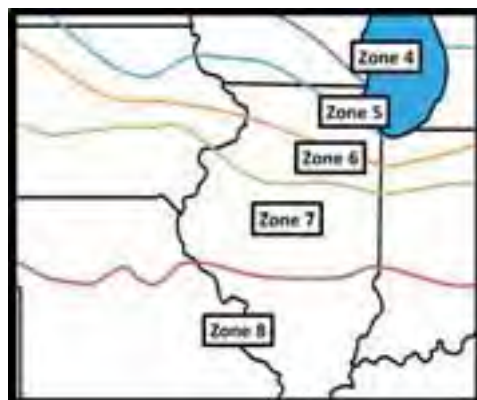
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GLYPHOSATE-RESISTANT

Maturity Zone maps

The zones indicate how maturity lines do not flow just east to west rather move north as they move further west. Maturity zones are referenced in some product write-ups.



2450 GT

Brand

Hughes

100 Day Maturity

AgrisureGT

- Superb choice for no-till and early planting
- Keep on your best soils for best performance opportunities
- Top yield potential
- Great choice where growers have Goss's wilt concerns

Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

Top end yielder for better soils.

Other products from the same genetic family: Hughes 2796 3111

General Characteristics

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

Planting Information

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

Population

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

Harvest Information

Grain quality: 8
Test weight: 7
GDD to silk: 1220
GDD to 30%: 2280
Ear retention: 8
High tonnage silage: 9
Harvest residue: 8

Refuge Choices

No refuge needed.

Agronomic Package

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

GENERAL RATINGS SCALE:

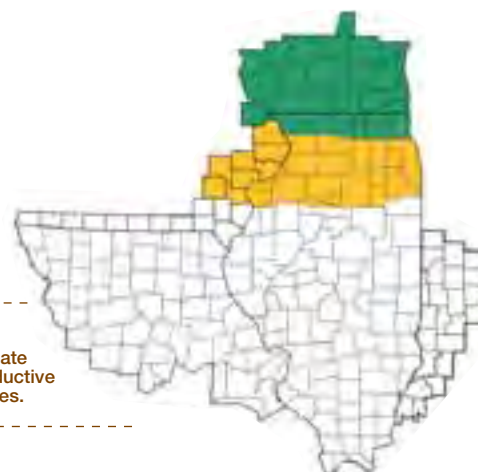
10 = outstanding
5 = average
1 = poor



Toll Free 877-4-BURRUS • burrusseed.com

GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



1C21 R™*
Brand

POWER PLUS

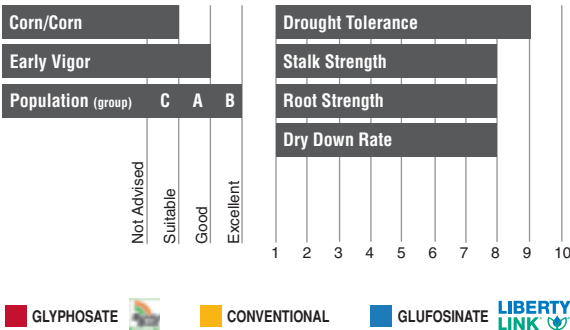
NEW

GLYPHOSATE-RESISTANT

102 Day Maturity



- Short plant stature that stands well
- Very adaptable for lighter soils
- Great on your best dirt
- Good Northern Leaf Blight tolerance



Up to the challenge.

A unique way to advertise their Burrus dealership.

Richard and Mary Ellen Martin put up a wind tower to power their farmstead, home and car. They graciously added our logo to it as Burrus and John Deere have been their suppliers for decades. Today their son Larry and grandson Kyle work in the operation too. Thanks from the folks at Burrus.



General Characteristics

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

Planting Information Population

Speed of emergence: 7	31 – 37
High organic soils: 8	27 – 33
Timber soils: 7	27 – 33
Clay & varied soils: 7	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

Grain quality: 6
Test weight: 6
GDD to silk: 1270
GDD to 30%: 2420
Ear retention: 8
High tonnage silage: 7
Harvest residue: 7

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

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check out new products!

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GLYPHOSATE-RESISTANT

Our customers are top priority

Burrus and Hughes deliver a value package of outstanding performance, superb quality and exceptional service.



Photo by Holst Creative Touch Photography

Kaleb, son of Keith and Heather Mohr of Burnside, IL, is growing up with Burrus.

5124 GT

Brand



107 Day Maturity



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

Corn/Corn

Early Vigor

Population (group)

Not Advised

Suitable

Good

Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Fits all operations.

Other products from the same genetic family: Hughes 5456 3000

General Characteristics

Plant height: 8

Ear height: 7

Ear type: Flex

Planting Information

Population

Speed of emergence: 9

High organic soils: 10

Timber soils: 9

Clay & varied soils: 9

Sand (dryland): 8

Sand (irrigated): 9

Wet soils: 8

28 – 34

26 – 32

26 – 32

21 – 27

28 – 34

Harvest Information

Grain quality: 7

Test weight: 7

GDD to silk: 1350

GDD to 30%: 2700

Ear retention: 7

High tonnage silage: 9

Harvest residue: 9

Refuge Choices

No refuge needed

Agronomic Package

Fall appearance: 8

No. leaf blight tolerance: 7

So. leaf blight tolerance: 7

Anthrachnose tolerance: 6

Gray leaf spot tolerance: 8

Diplodia ear rot tolerance: 6

Goss's wilt: 7

Plant growth regulator sensitivity: NR

Greensnap tolerance: 6

GENERAL RATINGS SCALE:

10 = outstanding

5 = average

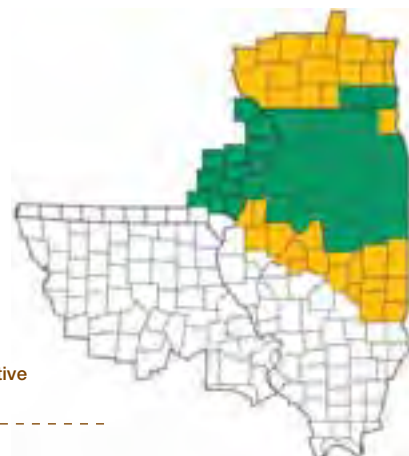
1 = poor



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GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



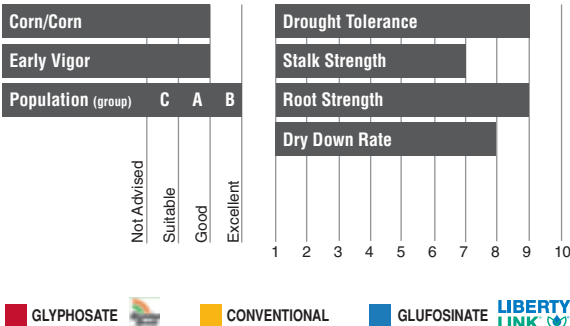
4P11 R™*
Brand

POWER PLUS

108S / 105N Day Maturity



- Tough hybrid, widely adapted
- Consistently high yields
- A very complete package
- Performance merits use beyond just refuge



Expand the meaning of yield.

Other products from the same genetic family: Power Plus 4P12 Q™

General Characteristics

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

Planting Information Population

Speed of emergence: 8	31 – 37
High organic soils: 10	27 – 33
Timber soils: 8	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 9	
Wet soils: 8	

Agronomic Package

Fall appearance: 6
No. leaf blight tolerance: 6
So. leaf blight tolerance: NR
Anthracnose tolerance: 4
Gray leaf spot tolerance: 5
Diplodia ear rot tolerance: 6
Goss's wilt: 8
Plant growth regulator sensitivity: NR
Greensnap tolerance: 6

Harvest Information

Grain quality: 7
Test weight: 8
GDD to silk: 1360
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 5
Harvest residue: 5

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.

GLYPHOSATE-RESISTANT

Improved pollination in the seed field

Burrus routinely uses a helicopter to stir the pollen during the peak days. Kevin Burrus said, "If we set one more kernel on an ear, it pays for the helicopter bill and we produce more seed for our customers."



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





GLYPHOSATE-RESISTANT

The ultimate in emergence under cold wet conditions

PowerShield® treatment is an umbrella brand that will represent the finest seed treatment combinations that promote emergence under cold, damp conditions, protect seedlings from disease and insects, and ultimately add yield! PowerShield® is a unique combination of seed treatment and biological products that is consistently outperforming imitator brands.



Brian Brockman

6J35 GT

Brand

110S / 112N Day Maturity



- Consistent across variable environments
- Higher populations allow for greater results
- Very good stalks and roots
- Optimum dry down characteristics



Corn/Corn

Early Vigor

Population (group)

Not Advised
Suitable
Good
Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Very exciting performer...look at the Harvest Report.

Other products from the same genetic family: Burrus 6J36 3000

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 10	31 – 37
Timber soils: 8	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

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

Refuge Choices

No refuge needed

GENERAL RATINGS SCALE:

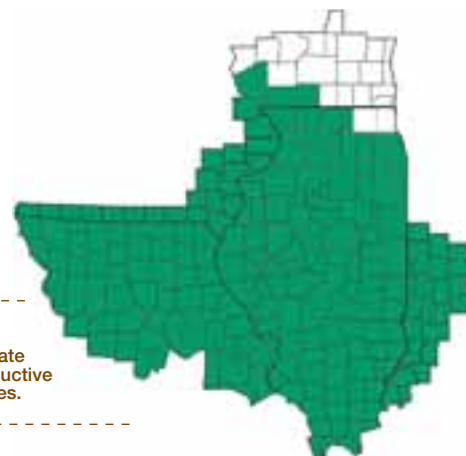
10 = outstanding
5 = average
1 = poor



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GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



5Z41 GT

Brand



Think
BURRUS

NEW

111 Day Maturity

AgrisureGT

- Nice early plant option across soil types
- Excellent in corn on corn situations
- Big ears with deep kernels to make you proud
- Prefers medium plant population densities

Corn/Corn

Early Vigor

Population (group)

A

C

B

Not Advised

Suitable

Good

Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE

CONVENTIONAL

GLUFOSINATE

Long spiky kernels on a girthy ear spells yield.

GLYPHOSATE-RESISTANT

The farm family

Kendall, Wyatt, Seth and Tessa Link take a moment to enjoy the farm family lifestyle. It is refreshing to see a pause in the action long enough for Mom to shoot a photo in their work clothes and smiles on their faces as they enjoy a little time with Dad.

General Characteristics

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

Planting Information Population

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

31 – 37

27 – 33

27 – 33

23 – 29

31 – 37

Harvest Information

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

Refuge Choices

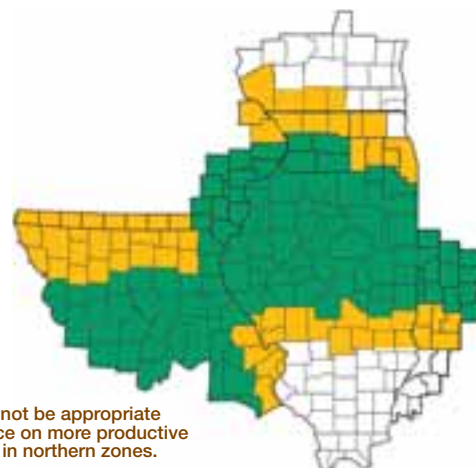
No refuge needed

Liberty® and LibertyLink® are registered trademarks of Bayer.



Agronomic Package

Fall appearance: 9
No. leaf blight tolerance: 8
So. leaf blight tolerance: 7
Anthracnose tolerance: NR
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: NR
Goss's wilt: 4
Plant growth regulator sensitivity: NR
Greensnap tolerance: 7



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.

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GLYPHOSATE-RESISTANT

“We believe in Burrus

because they are family-owned and they provide our family with solid products and recommendations.”

Mark & Tim Ruschhaupt



6F71 R™*
Brand

113 Day Maturity

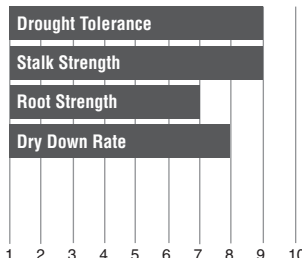


- Tall plant type with medium ear placement
- Excellent stalks and very good roots
- Good drought tolerance
- Superb refuge choice



POWER PLUS

Corn/Corn			
Early Vigor			
Population (group)	C	A	B
Not Advised			
Suitable			
Good			
Excellent			



GLYPHOSATE CONVENTIONAL GLUFOSINATE **LIBERTY LINK**

Plant it with confidence.

Other products from the same genetic family: Power Plus 6F74AMX™ and Power Plus 6F70™

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 8	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 7	31 – 37
Wet soils: 7	

Agronomic Package

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

Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

GENERAL RATINGS SCALE:

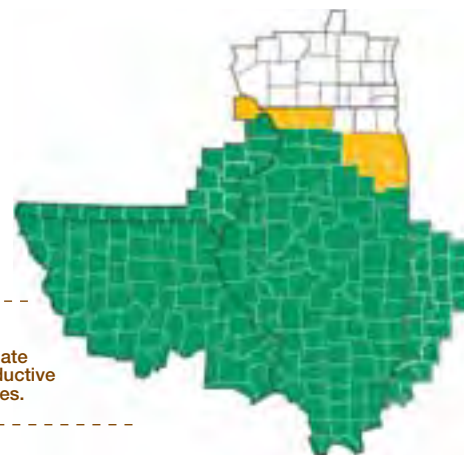
10 = outstanding
5 = average
1 = poor



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GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



3252

Brand

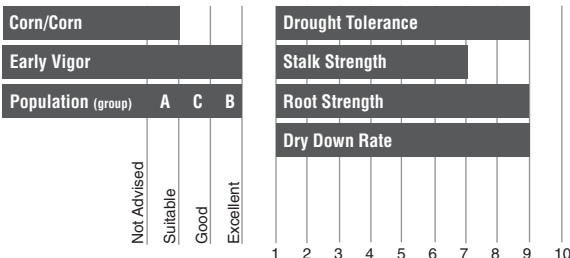


NON-GM

102 Day Maturity

3252

- Carries its lunch pail on those toughest soils
- Avoid plant growth regulators for best results
- Good Goss's Wilt rating allows for flexibility across acres
- Designed for IL/WI state line area



GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

Rugged non-GM platform.

Do the "San Antonio Stroll" with us this winter!

January 23-27, 2014.

All Burrus dealers and customers can join us! Talk to your local Burrus dealer, Hughes dealer or your Regional Sales Manager for complete details.

General Characteristics

Plant height: 7
Ear height: 6
Ear type: Flex

Planting Information Population

Planting Information	Population
Speed of emergence: 8	
High organic soils: 8	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 9	

Agronomic Package

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

Harvest Information

Grain quality: 7**
Test weight: 8
GDD to silk: 1270
GDD to 30%: 2420
Ear retention: 7
High tonnage silage: 9
Harvest residue: 8

Refuge Choices

No refuge needed

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Liberty® and LibertyLink® are registered trademarks of Bayer.

**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



Scan now!

THINK BURRUS
see what's new!

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NON-GM

We are the leaders in conventional corn

New non-GM corn products!

We are still committed to introducing new and better conventional corn products. Many of the trait suppliers have either discontinued or handicapped their non-GM offerings to make their high-dollar products look better. We don't need to do that. We have a complete lineup of hard endosperm conventional products. Step up by using a combination of products utilizing grain premium opportunities, conventional products and technology.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

4373

Brand

104 Day Maturity

4373

- Can handle all soil types with relative ease
- Optimal performance has been shown north of Route 136
- Nice early vigor is a key for no-tillers
- Excellent ear retention is a harvest time key

Hughes

Corn/Corn

Early Vigor

Population (group)

C A B

Not Advised
Suitable
Good
Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE



CONVENTIONAL

GLUFOSINATE

LIBERTY LINK

Broadly adapted.

General Characteristics

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

Planting Information Population

Speed of emergence: 9	31 – 37
High organic soils: 10	27 – 33
Timber soils: 9	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 9	
Wet soils: 8	

Agronomic Package

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

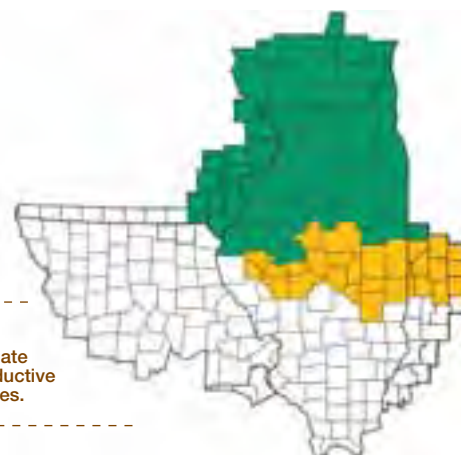
Harvest Information

Grain quality: 7**
Test weight: 7
GDD to silk: 1280
GDD to 30%: 2480
Ear retention: 9
High tonnage silage: 9
Harvest residue: 9

Refuge Choices

No refuge needed

**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



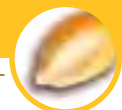
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5D30

Brand



NEW

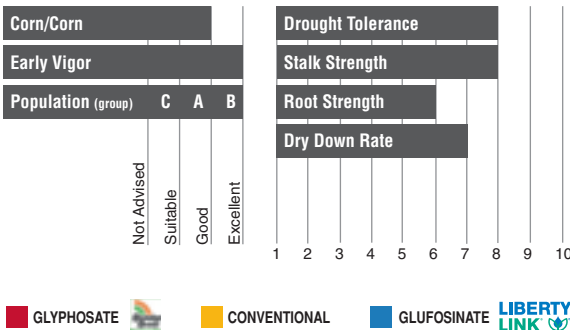


NON-GM

110 Day Maturity

5D30

- Extremely consistent across all soil types
- Excels in corn on corn management
- Sets big, girthy ears
- Excellent roots



A great new conventional.

General Characteristics

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

Planting Information Population

Planting Information	Population
Speed of emergence: 7	31 – 37
High organic soils: 9	27 – 33
Timber soils: 8	27 – 33
Clay & varied soils: 8	27 – 33
Sand (dryland): 8	23 – 29
Sand (irrigated): 9	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

Grain quality: 9**
Test weight: 9
GDD to silk: 1400
GDD to 30%: 2850
Ear retention: 8
High tonnage silage: 7
Harvest residue: 8

Refuge Choices

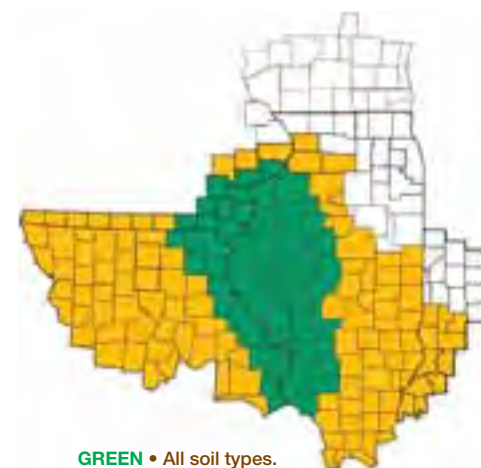
No refuge needed

Liberty® and LibertyLink® are registered trademarks of Bayer.

**Grain premium potential

Who should own your corn yield data?

Because we are farmers, we think you should own your corn yield data as well as your fertilizer applications and soil tests. When you deal with Burrus/Hughes on the MyFarmsSM portal, you always own it! Ask other suppliers if your data is protected when you provide them data? Even if you decide not to do business with us down the road, you can pay the subscription fee and keep the site for storing your confidential records. We see this as a major philosophical difference from other seed suppliers. As a farmer you have the right to protect your intellectual property too.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



<< Scan now!

THINK BURRUS
check out new products!

Toll Free 877-4-BURRUS • burrusseed.com





NON-GM

We solved our space problem.

In January, Burrus Seed Farms, Inc. purchased a warehouse in Jacksonville, IL. It has 66,000 square feet of warehouse space by 26 feet tall. It will hold 134,500 square bales of hay or a little over one and a half acres of floor space. Entering the soybean business just four years ago and the continued growth of our business has driven us to add more space. It is just 20 minutes from our seed plant and located on highways that our trucks routinely travel so product can easily be ferried one way or the other. "It takes the pressure off of where to store product until dealer deliveries can be assembled into truck loads and shipped to the farm," says Greg Schone, logistics coordinator for Burrus.



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

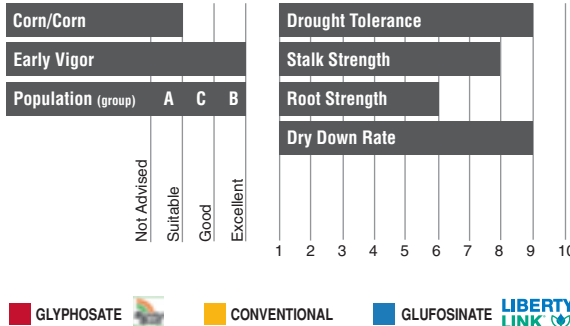
5N48™*
Brand

110S / 108N Day Maturity

5N48™*

- Heavy test weight grain is a crowning attribute
- Good stalks
- Excels under higher management practices like fungicide applications
- Avoid corn after corn and dryland sand

POWER PLUS



Super yield potential, fast drying.

General Characteristics

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

Planting Information Population

Speed of emergence: 8	31 – 37
High organic soils: 10	27 – 33
Timber soils: 8	27 – 33
Clay & varied soils: 8	23 – 29
Sand (dryland): 7	31 – 37
Sand (irrigated): 8	
Wet soils: 9	

Agronomic Package

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

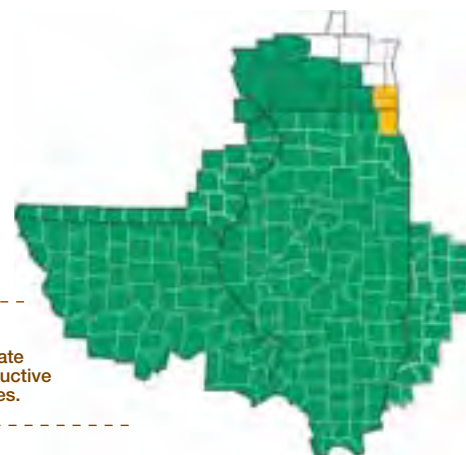
Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

**Grain premium potential



GREEN • All soil types.

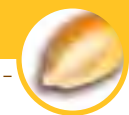
YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



Toll Free 877-4-BURRUS • burrusseed.com

6C40™*

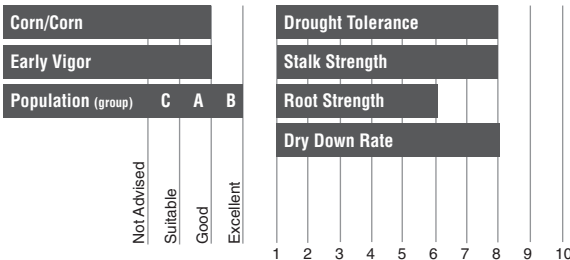
Brand



NON-GM

112 Day Maturity**6C40™***

- Genetics for the non-GMO market!
- Marked by its high end yield response and consistency
- Taller plant type with excellent stalks
- Heavy test weight grain is the foundation



GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

Hard endo premium candidate.

Other products from the same genetic family: Power Plus 6C41 S™

General Characteristics

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

Planting Information Population

Speed of emergence: 9
 High organic soils: 9 31 – 37
 Timber soils: 9 27 – 33
 Clay & varied soils: 8 27 – 33
 Sand (dryland): 8 23 – 29
 Sand (irrigated): 9 31 – 37
 Wet soils: 8

Agronomic Package

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

Harvest Information

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

Refuge Choices

No additional (or separate) refuge required.

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Liberty® and LibertyLink® are registered trademarks of Bayer.

**Grain premium potential

100% Free Replant on Seed Corn and PowerShield® treated Soybeans

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



Photo by Chad Mitchell Photography



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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NON-GM

Stop by and see the MyFarmsSM demonstration

Burrus will be greeting customers and prospects in a new location at this year's Farm Progress Show in Decatur, Illinois August 27-29, 2013. Be sure to stop by and get a first-hand view of the fascinating MyFarmsSM Crop Optimization Planner (COP). Stop in, pick up some hot, fresh popcorn and enjoy the show!



GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

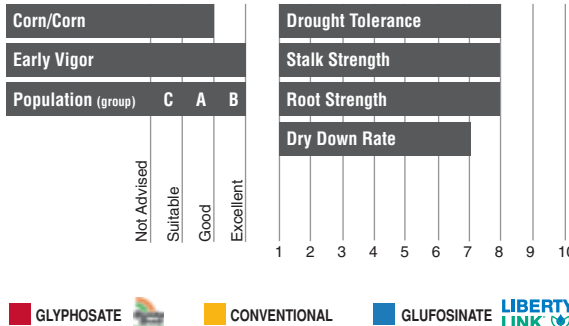
6G64

Brand

113 Day Maturity

6G64TM**

- Consistent ears equal high yields
- Excellent stalks and roots
- Good drought tolerance
- Good greensnap tolerance



Super high yielding non GM.

General Characteristics

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

Planting Information Population

Speed of emergence: 8	31 – 37
High organic soils: 10	27 – 33
Timber soils: 9	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 8	
Wet soils: 9	

Agronomic Package

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

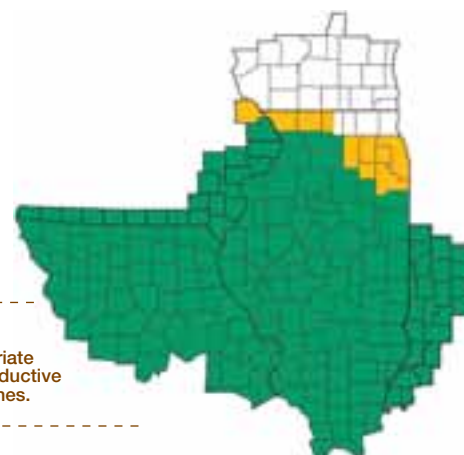
Harvest Information

Grain quality: 8**
 Test weight: 8
 GDD to silk: 1450
 GDD to 30%: 2800
 Ear retention: 9
 High tonnage silage: 8
 Harvest residue: 7

Refuge Choices

No refuge needed

**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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6F70™*

Brand

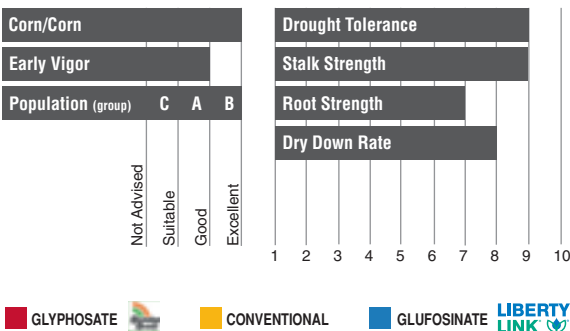


POWER PLUS

113 Day Maturity

6F70™*

- Tall plant type with medium ear placement
- Heavy test weight grain, food grade candidate
- Drought tolerance is a strength
- Very good leaf disease and ear rot tolerances



Plant it with confidence.

Other products from the same genetic family: Power Plus 6F74AMX™ and Power Plus 6F71 R™

General Characteristics

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

Planting Information Population

Speed of emergence: 8	
High organic soils: 8	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 9	27 – 33
Sand (dryland): 9	23 – 29
Sand (irrigated): 7	31 – 37
Wet soils: 7	

Agronomic Package

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

Harvest Information

Grain quality: 8**
Test weight: 8
GDD to silk: 1320
GDD to 30%: 2800
Ear retention: 9
High tonnage silage: 9
Harvest residue: 9

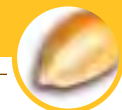
Refuge Choices

No additional (or separate) refuge required.

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**Grain premium potential



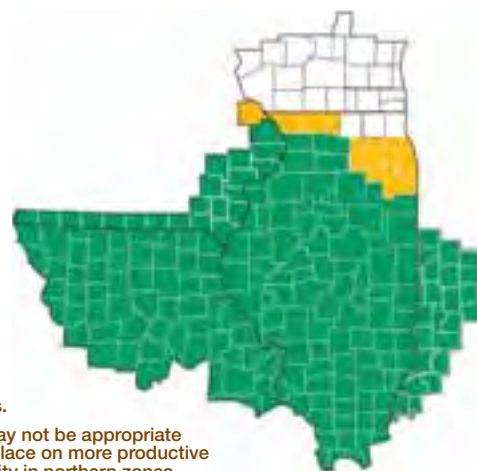
NON-GM

Trust

Trust is the most important attribute you expect from your seed supplier. Trust is something you never have to question when you work with Burrus and Hughes.



Maddox Reedy, son of Kyle and Sarah Reedy of Tuscola, IL, trusts Burrus.



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



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NON-GM

Illinois Farm Family of the Year

Burrus is proud to co-sponsor the Illinois Farm Family of the Year in conjunction with Illinois Agri-News each year. Each year a family is chosen to be honored for their contributions on the farm and in the community. The families are nominated and each nomination is reviewed and a winner is selected. Burrus has been co-sponsoring the award, which is presented at the Salute to Agriculture Day at the University of Illinois, each year since 1999.



The Carney family of Girard, IL

GENERAL RATINGS SCALE:

10 = outstanding
5 = average
1 = poor

750™*

Brand

750

Brand

115 Day Maturity

750™*
750

- Hard endo hybrid with awesome yields!
- Big plants with very good stalks and roots
- Great late season plant health
- Keep south of I-80

Corn/Corn			
Early Vigor			
Population (group)	C	A	B
Not Advised			
Suitable			
Good			
Excellent			

■ GLYPHOSATE

■ CONVENTIONAL

■ GLUFOSINATE

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

Capture a non-GM premium, hard endo too!

Other products from the same genetic family: Power Plus 7D51 Q™

General Characteristics

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

Planting Information Population

Speed of emergence: 7	31 – 37
High organic soils: 10	27 – 33
Timber soils: 9	27 – 33
Clay & varied soils: 9	23 – 29
Sand (dryland): 8	31 – 37
Sand (irrigated): 10	
Wet soils: 7	

Agronomic Package

Fall appearance: 10
No. leaf blight tolerance: 8
So. leaf blight tolerance: 8
Anthracnose tolerance: 8
Gray leaf spot tolerance: 8
Diplodia ear rot tolerance: 8
Goss's wilt: 8
Plant growth regulator sensitivity: 5
Greensnap tolerance: 8

Harvest Information

Grain quality: 10**
Test weight: 10
GDD to silk: 1490
GDD to 30%: 2900
Ear retention: 9
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

No additional (or separate) refuge required.

**Grain premium potential



GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones



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1M45AMRW-R™*
Brand

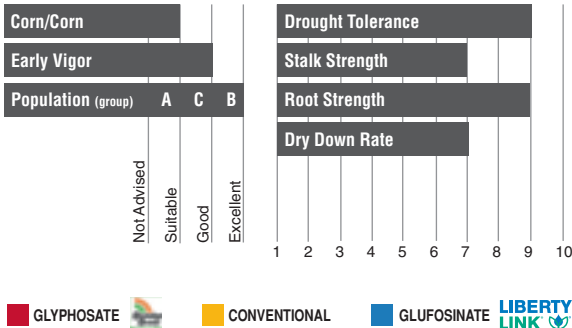
POWER PLUS

NEW

102 Day Maturity



- Short stature with excellent roots
- Excellent stress tolerance with some ear flex
- Goes south well as an early corn
- Consider a late fungicide application for NCLB



GLYPHOSATE CONVENTIONAL GLUFOSINATE LIBERTY LINK

Everything you need in one bag.



OTHER

King beans

Soybeans from the Burrus® family of products are putting up some **BIG-YIELDING** numbers. The proof is in the performance. Plant Power Plus® brand beans with the Roundup Ready® technology or the Hoblit® brand with the LibertyLink® technology and get ready for some bin-bustin' yields!

General Characteristics

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

Planting Information Population

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

Agronomic Package

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

Harvest Information

Grain quality: 5
Test weight: 5
GDD to silk: 1270
GDD to 30%: 2420
Ear retention: 8
High tonnage silage: 6
Harvest residue: 6

Refuge Choices

No additional (or separate) refuge required.

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OTHER

"I appreciate

the in-depth testing on marginal soils. My farm isn't all flat and black."

Scott Rutledge



4M31AMRW-R™*
Brand

108 Day Maturity



- Heavy test weight grain
- High yields a strong attribute
- No refuge needed
- Strong stalks and roots

POWER PLUS

Corn/Corn

Early Vigor

Population (group)

Not Advised

Suitable

Good

Excellent

Drought Tolerance

Stalk Strength

Root Strength

Dry Down Rate

1 2 3 4 5 6 7 8 9 10

GLYPHOSATE



CONVENTIONAL

GLUFOSINATE

LIBERTY LINK

Consistent performer with no refuge needed.

Other products from the same genetic family: Power Plus 4B32AMX-R™ and Power Plus 4A30AM1™

General Characteristics

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

Planting Information

Speed of emergence: 8
High organic soils: 10
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

Harvest Information

Grain quality: 10**
Test weight: 10
GDD to silk: 1370
GDD to 30%: 2750
Ear retention: 8
High tonnage silage: 10
Harvest residue: 10

Refuge Choices

No additional (or separate) refuge required.

**Grain premium potential

Agronomic Package

Fall appearance: 9
No. leaf blight tolerance: 5
So. leaf blight tolerance: 6
Anthracnose tolerance: 7
Gray leaf spot tolerance: 7
Diplodia ear rot tolerance: 7
Goss's wilt: 8
Plant growth regulator sensitivity: 4
Greensnap tolerance: 6

GENERAL RATINGS SCALE:

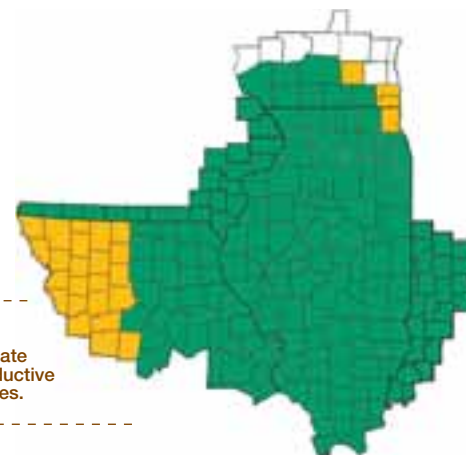
10 = outstanding
5 = average
1 = poor



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GREEN • All soil types.

YELLOW • Product may not be appropriate for all environments. Place on more productive soils and watch maturity in northern zones.



541L

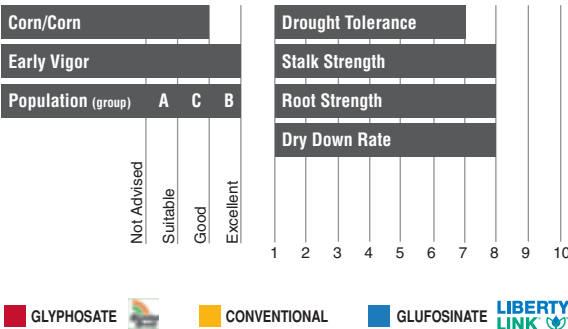
Brand



110 Day Maturity



- Great refuge corn for the Liberty® user
- Avoid sandy soils for best yield results
- Responds favorably to high populations
- Plant it in block, perimeter or split planter refuge methods



Outstanding Liberty® refuge product, hands down.



OTHER

Harvest high yielding Power Plus® beans

John Cook stands in his Power Plus 38D2™* soybeans that made over 63 bu/a last fall following extreme heat and drought.



General Characteristics

Plant height: 7
Ear height: 5
Ear type: Intermediate

Planting Information Population

Speed of emergence: 9	
High organic soils: 9	31 – 37
Timber soils: 9	27 – 33
Clay & varied soils: 8	27 – 33
Sand (dryland): 7	23 – 29
Sand (irrigated): 8	31 – 37
Wet soils: 8	

Agronomic Package

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

Harvest Information

Grain quality: 8
Test weight: 8
GDD to silk: 1330
GDD to 30%: 2700
Ear retention: 8
High tonnage silage: 8
Harvest residue: 8

Refuge Choices

No refuge needed

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Which insects are controlled?

☑☑ Control ☑ Suppression - no effect

Group	Technology	Designation	Corn Rootworm	Wireworm	Nematode	Black Cutworm	European Corn Borer	Corn Earworm	Western Bean Cutworm	Fall Armyworm
Above/ Below- Ground Insect Control	Optimum® AcreMax® Xtra	AMX	☑☑	-	-	☑☑	☑☑	☑	☑☑	☑☑
	Optimum® AcreMax® 1	AM1	☑☑	-	-	☑☑	☑☑	☑	☑☑	☑☑
	Agrisure Viptera® 3111	3111	☑☑	-	-	☑☑	☑☑	☑☑	☑☑	☑☑
	Optimum® TRIsect™	Q	☑☑	-	-	☑☑	☑☑	☑	☑☑	☑☑
	Herculex® Xtra	Q	☑☑	-	-	☑☑	☑☑	☑	☑☑	☑☑
	Agrisure® 3000GT	3000GT	☑☑	-	-	-	☑☑	☑	-	☑
Above- Ground Insect Control	Agrisure Artesian® 3011A	3011A	☑☑	-	-	-	☑☑	☑	-	☑
	Agrisure Artesian® 3011A	4011	☑☑	-	-	-	☑☑	☑	-	☑
	Optimum® AcreMax®	AM	-	-	-	☑☑	☑☑	☑	☑☑	☑☑
	Herculex® I	S	-	-	-	☑☑	☑☑	☑	☑☑	☑☑
Other	Agrisure® GT/CB/LL	GCL	-	-	-	-	☑☑	-	-	-
	Optimum® AcreMax® RW	AMRW	☑☑	-	-	-	-	-	-	-
	PowerShield® Cruiser® 250	PS	-	-	-	-	-	-	-	-
	Cruiser® 500	SY	-	-	-	-	-	-	-	-
	Cruiser® 500 Avicta®	SY	-	-	☑	-	-	-	-	-
	Burrus Xtra Poncho® 500	BX	-	☑☑	-	☑	-	-	-	-
	Burrus Xtra Poncho® 500 VOTIVO™	BX	-	☑☑	☑	☑	-	-	-	-
	High rate Poncho® 1250 VOTIVO™	HP	☑	☑☑	☑	☑☑	-	-	-	-
	Force® insecticide		☑☑	☑☑	-	☑☑	-	-	-	☑☑
	Aztec® insecticide		☑☑	☑☑	-	☑☑	-	-	-	☑☑

Agronomy U is the newest easy to use information

resource available from Burrus/Hughes. The latest in agronomic topics are discussed, covering everything from planter calibration to statistics. No reading is necessary, just sit back and listen to Dr. Matt Montgomery explain what is happening in your world. Open www.burrusseed.com and click on the Agronomy U icon. Register to receive regular Agronomy U update notifications. It might just save you time and make you dollars.



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Recommended Planting Rates for Hybrid Seed Corn

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	4B32AMX-R™ 4A30AM1™* 1285 GCL 4M31AMRW-R™*	2796 3111 2987 3111A 3953 3000GT 2V56AMX™* 4607 3000GT 4Y27AMX™* 4P12 Q™* 6132 3000GT 4G46AMX™* 4J95AMX™* 6227 4011	6J36 3000GT 6A12AM1™* 6T54 3000GT 6F74AMX™* 7A18AM1™* 7D51 Q™* 2N82AM™* 4V43 S™* 4J93AM™* 6C41 S™* 7H23 S™*	7U15AM-R™* 8V08 S™* 2428 GTA 2450 GT 1C21 R™* 4P11 R™* 6J35 GT 5Z41 GT 6F71 R™* 3252	4373 5D30 5N48™* 6C40™* 6G64 6F70™* 750™* 750 1M45AMRW-R™* 541L	5456 3000GT 4685 3111 7893 3111 5124 GT

Best standability is normally achieved at the lowest recommended rates

Allows for a 10% stand loss.

Soybean Planting Rates (1,000 seeds per acre)

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

Use higher end of range in less than ideal conditions.

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* Power Plus® Brand seed is distributed by Burrus.

* Power Plus® is a registered trademark of Pioneer Hi-Bred.

Optimum® AcreMax® 1 and Optimum® AcreMax® RW insect protection products available in the Power Plus® brand.

Guide to Accurate Soybean Planting

	Small to Normal Seed Size 2500 seeds per pound or greater; 56 lbs. or less per 140 k unit	Large Seed Size 2500 seeds per pound or less (1800 to 2500) 56lbs. Per 140K unit or more
John Deere Non-Vac (Finger Pickup Type Corn Planters) *1 *4 *5	Using Kinze Brush Meters - (2500 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 - (2500 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 (Finger Pickup Type Corn Planters) *2 *1 *5	(2500 seeds/lb or More) Black Brush Type 60 Cell Seed Metering Plate	(2500 seeds/lb or Less) Blue Brush Type 48 Cell Seed Metering Plate
John Deere Vac Planters *3 *1 *5	Only one disk option - Vacuum setting at 8	Only one disk option - Vacuum setting at 9 (test and adjust accordingly) If feeding problems persist - remove the elbow from the hose feeding the hopper
Kinze Vac Planters *2 *1 *5	Use 60 cell plate - Singular setting of 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 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"	(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		*5 Adjust speed as directed in the operator's manual
*2 One TBSP of graphite per hopper for a standard 2 bu hopper, and 1-1.5 lbs of graphite per 50 unit container		*6 Consult the operator's manual for seed disc RPM recommendations
*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		*7 Do not exceed 35 RPM on seed disc
*4 Add 3/8 TBSP of graphite per hopper		Always check the operator's manual



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Guide to accurate seed corn planting

John Deere Finger Pickup	
Kinze Finger Pickup *1	Reduce speed 10% 35-39#, Reduce speed by 33% below 35#
John Deere Vacuum Pickup	A50617 40-88#, A43215 25-50#, H136478 25-35#
Case IH & IHC Early Riser	Corn Drum 30-80#, Popcorn Drum less than 35#, New E pocket drum for problem sizes
Case IHC 1200	4855 Disc for 30-70#, 4845 disc below 50#
New Holland SP Series	
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	852434 57-73#, 852435 42-62#, 852436 25-50#, 852437 22-33#
New Idea 9000	
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

For the PowerShield® Round sizes (PSR) or the Burrus Xtra Round (BXR). Use the chart above for setting your planter.

We have established our SureDrop system and will now coordinate it with our new size and seed treatment combination.

For plateless planters	Seed Size Weight per 80,000 kernel unit		SureDrop 2 Under 30#	SureDrop 3 30-39#	SureDrop 4 40-49#	SureDrop 5 50-59#	SureDrop 6 60# and over	SureDrop 7 70# and over
	Burrus Xtra seed treatment (Poncho® 500)**		BX2	BX3	BX4	BX5	BX6	BX7
	Power Shield®		PS2	PS3	PS4	PS5	PS6	PS7
	High rate Poncho (Poncho 1250)**		HP2	HP3	HP4	HP5	HP6	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	A43215	A43215	A43215	A50617	A50617	A50617
		Vacuum Inches	7-13	7-12	10-13	7-10	9-13	10-13
	Kinze Edge Vac *7	Disc Size	Regular Corn	Regular Corn	Regular Corn	Regular Corn	Regular Corn	Regular Corn
		Vacuum Inches *8	not recommended	20	20	20	20	20
	Singulator *8		8	8	8	8	8	5
	Case IH and IHC Early Riser	Drum	Popcorn or Corn *5	Popcorn Corn *5	Corn	Corn	Corn	Corn
		Hopper Pres. *4	8-9 oz.	10 oz. 8-9 oz.	9-10 oz.	10-12 oz.	12 oz. max	12 oz. max
	Brush Setting		1/2 down	Wire down up	Lt. Contact	Down	Remove	Remove
	Case IHC 1200 *7 New Holland SP Series	Disc Size	4845 4855	4845 4855	4855	4855	4855	4855
		Vacuum	20 18	22 18	20	20	20	20
	Singulator		1.5 1.75	1.75 1.75	1.75	1.75	1.75	1.75
	White Air 6000 New Idea 9000	Disc Size	852436	852436	852436	852435	852434	852434
				or 852437	or 852437	or 852435		

Please refer to Catalyst bag (chart on back) for planting recommendations.

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

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

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

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

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

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

treated seed.

*7. Consult operator's manual for graphite recommendation.

*8. Check field performance for specific settings

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

PS6's and PS7's will be packaged in 40,000 kernel bags, sold as 80,000 units so two bags equal one unit when they weigh above 67.5 lbs/80M

**Always use talc or graphite liberally for lubricant to avoid bridging in the planter box.

Always consult the most recent "Go Sheet" for seed size and seed treatment availability.



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Recommended refuge choices



DiFonzo & Cullen's Handy Bt Trait table Current April 1, 2012	Bt protein(s)	Insects controlled (bold) or suppressed (<i>italics</i>) Above-ground-----In soil	Herbicide tolerant?	Refuge %, location in the MIDWEST	
Agrisure products					
Agrisure CB/LL	Cry1Ab	ECB CEW FAW SB	---	LL	20% within ½ mile
Agrisure GT/CB/LL	Cry1Ab	ECB CEW FAW SB	---	GT LL	20% within ½ mile
Agrisure RW	mCry3A	---	CRW	---	20% in field/adjacent
Agrisure GT/RW	mCry3A	---	CRW	GT	20% in field/adjacent
Agrisure CB/LL/RW	Cry1Ab mCry3A	ECB CEW FAW SB	CRW	LL	20% in field/adjacent
Agrisure 3000GT	Cry1Ab mCry3A	ECB CEW FAW SB	CRW	GT LL	20% in field/adjacent
Agrisure Viptera 3110	Cry1Ab Vip3A	BCW CEW ECB FAW WBC SB	---	GT LL	20% within ½ mile
Agrisure Viptera 3111	Cry1Ab mCry3A Vip3A	BCW CEW ECB FAW WBC SB	CRW	GT LL	20% in field/adjacent
Agrisure 3122	Cry1Ab Cry1F mCry3A Cry34/35Ab1	BCW CEW ECB FAW WBC SB	CRW	GT	5% <i>within or adjacent</i>
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	GT LL	5% <i>in the bag</i>
Agrisure Viptera 3220	Cry1Ab Cry1F Vip3A	BCW CEW ECB FAW WBC SB	---	GT LL	5% adjacent or up to ½ mile away
Agrisure Viptera 3220 E-Z Refuge	Cry1Ab Cry1F Vip3A	BCW CEW ECB FAW WBC SB	---	GT	5% <i>in the bag</i>
Herculex products					
Herculex® 1 (HX1)	Cry1F	BCW ECB FAW CEW SB	---	LL RR2 (some)	20% within ½ mile
Herculex® RW (HXRW)	Cry34/35Ab1	---	CRW	LL RR2 (some)	20% in field/adjacent
Herculex® XTRA (HXX)	Cry1F Cry34/35Ab1	BCW ECB FAW CEW	CRW	LL RR2 (some)	20% in field/adjacent
Optimum products					
Optimum® TRIssect®	Cry1F mCry3A	BCW ECB FAW WBC CEW SB	CRW	LL RR2	20% in field/adjacent
Optimum® Intrasect®	Cry1F Cry1Ab	BCW ECB FAW WBC CEW SB	---	LL RR2	5% within ½ mile
Optimum® Intrasect® Xtra	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	LL RR2	20% in field/adjacent
Optimum® Intrasect Xtreme®	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW		5% in field/adjacent
Optimum® AcreMax® (AM-R)	Cry1F Cry1Ab	BCW ECB FAW CEW SB	---	RR2	5% <i>in the bag</i>
Optimum® AcreMax® (AMRW-R)	Cry34/35Ab1	--- WBC	CRW	RR2	10% <i>in the bag</i>
Optimum® AcreMax®1 (AM1)	Cry1F Cry34/35Ab1	BCW ECB FAW WBC CEW	CRW	LL RR2	10% <i>in the bag</i> (CRW) & 20% - ½ mile (ECB)
Optimum® AcreMax® Xtra (AMX-R)	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	RR2	10% <i>in the bag</i>
Optimum® AcreMax® XTreme (AMXT-R)	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	RR2	5% <i>in the bag</i>

A majority of this chart was compiled by Entomologists Eileen Cullen from the University of Wisconsin and Chris DiFonzo from Michigan State University.

Key	CRW - corn rootworm	SB - stalk borer	LL - LibertyLink or glufosinate tolerant
BCW - black cutworm	ECB - European corn borer	WBC - western bean cutworm	RR2 - Roundup Ready 2
CEW - corn rootworm	FAW - fall army worm	GT - glyphosate tolerant	

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Alfalfa

High Performance Forage Solutions

388HY Hybrid Alfalfa

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

Features

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

214FY Alfalfa

214FY brand alfalfa is a high forage yielding, persistent alfalfa with excellent forage 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 it self in adverse environments. **214FY** is an alfalfa variety for the dairy or beef producer that demands high tonnages of dairy quality forage.

Benefits

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



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

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

HR = High resistance
MR = Medium resistance
R = Resistant



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AMX – Optimum® AcreMax® Xtra Insect Protection system contains a single-bag integrated refuge solution for above and below-ground insects.

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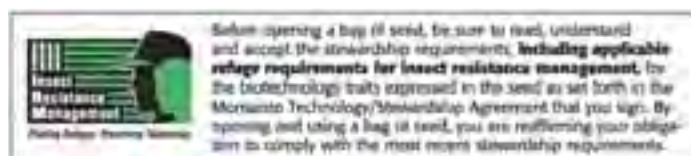
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Cover photo compliments of Chad Mitchell Photography.



Seed Piracy

Soybean Seed Piracy Statement:

Roundup Ready® soybeans

Seeds containing the Roundup Ready® trait are protected under numerous U.S. patents. Seed containing patented traits, such as seed containing the Roundup Ready® trait, can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready® soybeans. Additional information and limitations on these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. The licensed U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsanto.com/productpatents>

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup®

BENEFITS OF NEW CERTIFIED SEED

CONVENIENCE

- Highest quality and highest yielding product vs. bin-run
- Meets quality standards of seed company
- Professionally handled and rigorously tested
- Dramatically reduces splits and foreign matter
- Ensures varietal purity
- Germination tests to ensure peace of mind
- Weed-free
- Reliable seed supply in many maturities
- Access to the most elite germplasm
- Meets U.S. Federal Seed Law standards

ECONOMICS OF NEW SEED VS. BIN-RUN

- Income lost by not selling as commodity grain (e.g. one bushel of bin-run seed multiplied by the price of a soybean bushel)
- Average loss of ~ 10-15% cleanout at harvest for bin-run seed
- Handling and transportation costs for bin-run (approx. \$.35-\$.75/bushel)
- Bin-run planting rates are generally 15% higher than new certified seed
- New seed yields an average of 1.8 bushel/acre more than bin-run (University yield trials range from 1.2-5.9 bushel/acre)

LIMITED WARRANTY BENEFITS

- Dealer agronomic support before and after the sale
- Risk management benefits of Roundup Rewards® (over \$600 million in benefits paid)

NEW INNOVATIONS BENEFIT FOR FARMERS?

- **Monsanto's 100% commitment to agriculture**
- **Research and Development Milestones**
 - 2010 – 4 commercial product launches
 - Pipeline: 11 advanced stage high impact products
- **Impact on the Farm¹**
(increase in national farm income)

• GM soybeans:	\$ 1.56 Billion
• GM corn:	\$ 2.00 Billion
• GM cotton:	\$.27 Billion
• GM Canola:	\$.031 Billion
• TOTAL	\$ 3.861 Billion
- **Industry Support**
 - The Beyond the Seed Program was launched by the American Seed Trade Association (ASTA) to raise awareness and understanding of the value that goes beyond the seed. The future success of U.S. agriculture depends upon quality seed delivered by an industry commitment to bring innovation and performance through continued investment. For more information about seed technology, visit ASTA's Beyond the Seed Program at www.beyondtheseed.org.
 - Stronger intellectual property rights in the seed sector are associated with higher yield growth.²
 - Our very preliminary estimate is that farmers get a \$6 benefit for each \$1 spent on private sector research.

You're buying more than just seeds. You're getting value today and innovation for tomorrow.

COMMITMENT. INNOVATION. PERFORMANCE.



¹ Graham Brookes and Peter Barfoot, GM Crops: global socio-environmental and environmental impacts 1996-2008, PG Economics, UK, April 2010.

² Sergio Lence and Dermot Hayes, "Returns from Private Sector Seed Research," www.BeyondTheSeed.com, Oct. 2009.

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For more information about seed technology, visit ASTA's Beyond the Seed Program at www.beyondtheseed.org. ASTA, as a trade industry association, does not endorse products, services or technology of individual companies.

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ROUNDUP READY® SOYBEANS

Roundup Ready® soybeans contain in-plant tolerance to Roundup® brand herbicides, enabling growers to spray labeled brands for Roundup® over the top, from emergence throughout flowering, for superior weed control, excellent crop safety and maximum yield potential. Since they were first introduced several years ago, Roundup Ready® soybeans have shown consistent and reliable performance. Outstanding yields and reduced input costs mean that Roundup Ready® soybeans, used in a Roundup Ready® system, offer growers more profit opportunities than conventional soybeans.

201RR brand

Maturity 2.1

- Comes from a good family
- Early yield power
- Very good white mold score
- BSR resistant
- Widely adapted
- Avoid fields with history of severe SCN

Emergence

Standability

24P4™* brand

NEW

Maturity 2.4

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

Emergence

Standability

SDS

555RR brand

Maturity 2.5

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

Emergence

Standability

SDS

25G3™* brand

Maturity 2.5

- High yielding product
- Attractive compact plants
- Outstanding SCN resistance with Peking gene
- Multi-race Phytophthora resistance (Rps1c)
- Best performance on the better soils

Emergence

Standability

SDS

25H4™* brand

NEW

Maturity 2.5

- Tall line with good standability
- Excellent in stress/light soil environments
- Strong emergence
- Very good on Sudden Death Syndrome
- Great PI88788 resistance (Race 3)
- Impressive Brown Stem Rot package
- PowerShield® seed treatment optional

Emergence

Standability

SDS

777RR brand

Maturity 2.7

- Good disease package
- Excellent yielding variety
- Phytophthora resistance (Rps1c)
- Cyst resistance is excellent
- Can handle all row width systems
- This big line will stand well for harvest
- Avoid wet soils

Emergence

Standability

SDS



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28J0™*
brand

Maturity 2.8



- Offensive yields for Illinois and Iowa
- Very good SCN race 3 resistance
- Prefers better soils
- Good iron deficiency chlorosis tolerance
- Very good Sudden Death Syndrome field tolerance
- Good southern movement for maturity



28V2™*
brand

Maturity 2.8



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



32K0™*
brand

Maturity 3.2



- Very good soybean aphid antibiosis
- Multi-race Phytophthora resistance (Rps1k)
- Good Sudden Death Syndrome field tolerance
- Above average frogeye leaf spot tolerance
- Outstanding SCN race 3 resistance
- Taller plant height will provide an edge in stress environments
- Works on all soils



34T3™*
brand

Maturity 3.4



NEW

- Exceptional field emergence scores
- Great harvest standability
- Great SCN resistance with 88788 (Race 3)
- Multi-race Phytophthora resistance (Rps1K)
- Great tolerance to SDS
- Impressive BSR package
- Performs best on good soils but will work everywhere



36C0™*
brand

Maturity 3.6



- Prefers good soils
- Multi-race Phytophthora resistance (Rps1k)
- Very good SCN race 3 resistance
- Moderate iron deficiency chlorosis tolerance
- Very good Sudden Death Syndrome field tolerance
- Outstanding frogeye leaf spot tolerance
- Excellent harvest standability



36J3™*
brand

Maturity 3.6



- Land lady eye appeal
- Very good SCN resistance
- Ultra high yield potential on all soil types
- Good Phytophthora and SDS resistance
- Works on all environments
- A new leader for this maturity



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37F4™*
brand



NEW

Maturity 3.7

- Best on most productive soils
- Great standability
- Outstanding PI88788 SCN resistance (Race 3)
- Multi-race Phytophthora resistance (Rps1k)
- Exceptional SDS tolerance
- Above average height and canopy
- Strong frogeye leaf spot package

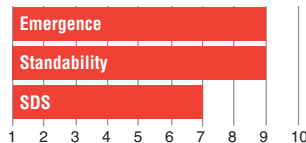


38D2™*
brand



Maturity 3.8

- Very stable performance across locations
- Excellent field emergence scores
- Slightly above average plant height and canopy width
- Outstanding SCN race 3 resistance
- Multi-race Phytophthora resistance (Rps1k)
- Very good shattering resistance
- Excellent harvest standability
- Works on all environments

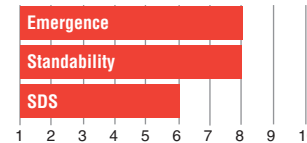


39B3™*
brand



Maturity 3.9

- At home in Missouri and west central Illinois
- Excellent frogeye leaf spot tolerance
- Good SCN resistance
- Very bushy plant style for wider rows
- Excellent shattering scores
- Works on all environments
- Short plant stature for maturity
- Great fall appearance



41M4™*
brand



NEW

Maturity 4.1

- Really strong field emergence scores
- Great harvest standability
- Great SCN resistance with 88788
- Really good phytophthora tolerance
- Very good tolerance to SDS
- Performs best on better soil types/higher yielding environments
- A possible "kink in the armor" with frogeye leaf spot

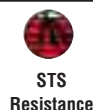


43D1™*
brand



Maturity 4.3

- Short stature for maturity
- Narrow rows are best for light soils or doublecropping
- Great in river bottoms
- Good SCN race 3 resistance and SDS tolerance
- Very good Phytophthora field tolerance
- Excellent field emergence
- Excellent harvest standability



47A3™*
brand



Maturity 4.7

- Large, bushy plant style
- High yielding across soil types and environments
- Good Sudden Death Syndrome field tolerance
- Good Phytophthora field tolerance
- Excellent shattering resistance
- Very good harvest standability



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LibertyLink® Soybeans

LibertyLink® soybeans with Liberty® herbicide is the most reliable management solution for weeds resistant to glyphosate and multiple herbicide classes. LibertyLink soybean varieties combine elite genetics and excellent crop safety with built-in tolerance to the powerful, postemergence weed control of Liberty. High-yielding LibertyLink soybean varieties are available in a range of maturities.

Liberty herbicide, applied over the top of LibertyLink soybean varieties, provides powerful control of broadleaf and grass weeds, including weeds resistant to glyphosate and multiple herbicide classes.

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Liberty® Herbicide

Liberty® herbicide provides growers cost-effective, nonselective, postemergence weed management in days vs. weeks, across all LibertyLink® crops including corn, soybeans, cotton and canola. Liberty delivers powerful control of broadleaf and grass weeds, including weeds resistant to glyphosate and multiple herbicide classes.

Respect the Rotation™ Statement

Respect the Rotation™ is an initiative to elevate the importance and grower adoption of herbicide diversity to prevent or manage weed resistance. Glyphosate weed resistance is a dominating threat throughout the United States that affects land values, rental agreements, conservation tillage and can greatly reduce yields. The use of Integrated Weed

Management practices, such as use of residuals, pre-emergence herbicides and rotation of crops, traits and herbicides, is critical as no one method is likely to be completely successful.

LibertyLink® Patent Statement

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



343LL brand



Maturity 3.4

- A great Liberty Link® variety
- Taller plant type
- Very good SCN tolerance
- Very good Phytophthora scores
- Good defensive package
- Works across variety of environments



372LL brand



Maturity 3.7

- Consistently high yields
- Taller plant type with good branching
- Very good SDS tolerance
- Good lodging and shattering scores
- Very good Phytophthora scores with k gene
- Will work in areas where RR weed resistance is a problem

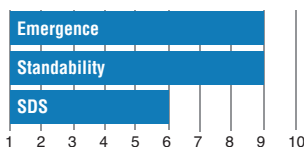


Hoblit 384LL



Maturity 3.8

- Fantastic trials in 2012 (#1 – 6 to 7 bushels above the mean)
- Exceptional emergence
- Short bean but good score on light soils
- Nice bean for those a little “shattering shy” after 2012
- Great standability
- Good Phytophthora scores



423LL brand



Maturity 4.2

- Tremendously high yield potential
- Tall plant with good branching
- Great Phytophthora protection – Rps3a gene
- Will work in the glyphosate weed resistant areas of Illinois and Missouri





Soybean ratings and characteristics

Soybeans with Roundup Ready® gene															
	Maturity	Soybean Cyst Nematode	Herbicide tolerance	Emergence	Standability	Shattering Score	Phytophthora (PRR)	Brown Stem Rot (BSR)	Sudden Death (SDS) Tolerance	Frogeye Leaf Spot Tolerance	White Mold	Canopy Width	Plant Height	Light Soils	Pubescence
Hughes Brand 201RR	2.1	None	RR	8	9	9	6	10	NR	NR	7	7	8	7	L. Tawny
Power Plus® Brand 24P4™ NEW	2.4	Peking	RR	9	8	7	6	10	6	9	5	6	7	6	L. Tawny
Hughes Brand 555RR	2.5	PI88788	RR	9	9	9	6	7	7	NR	6	6	7	7	L. Tawny
Power Plus Brand 25G3™	2.5	Peking	RR	9	9	8	5	6	6	8	6	7	5	5	Gray
Power Plus Brand 25H4™ NEW	2.5	PI88788	RR	9	8	7	5	8	7	7	5	6	8	8	L. Tawny
Hughes Brand 777RR	2.7	PI88788	RR	8	9	9	6	8	8	NR	6	8	9	8	L. Tawny
Power Plus Brand 28J0™	2.8	PI88788	RR	9	9	6	5	4	7	7	5	7	7	6	L. Tawny
Power Plus Brand 28V2™	2.8	PI88788	RR	9	9	7	5	9	7	9	5	6	8	6	L. Tawny
Power Plus Brand 32K0™	3.2	PI88788	RR	9	8	6	6	4	8	7	5	7	7	7	L. Tawny
Power Plus Brand 34T3™	3.4	PI88788	RR	9	9	6	6	9	8	6	6	6	6	7	L. Tawny
Power Plus Brand 36C0™	3.6	PI88788	RR	10	10	7	5	NR	8	9	NR	7	6	5*	L. Tawny
Power Plus Brand 36J3™	3.6	PI88788	RR	9	9	NR	7	NR	7	6	NR	7	7	7	L. Tawny
Power Plus Brand 37F4™ NEW	3.7	PI88788	RR	9	8	7	6	NR	8	7	NR	7	7	5	Tawny
Power Plus Brand 38D2™	3.8	PI88788	RR	9	9	7	6	NR	7	5	NR	7	7	8	L. Tawny
Power Plus Brand 39B3™	3.9	PI88788	RR	8	8	9	6	NR	6	9	NR	8	7	9	Tawny
Power Plus Brand 41M4™ NEW	4.1	PI88788	RR	10	9	8	7	NR	8	5	NR	7	6	7	L. Tawny
Power Plus Brand 43D1™	4.3	PI88788	RR	10	10	6	7	NR	7	8	NR	7	5	5*	L. Tawny
Power Plus Brand 47A3™ NEW	4.7	PI88788	RR	8	9	8	7	NR	7	6	NR	8	9	9	Tawny

Soybeans with LibertyLink® gene															
	Maturity	Soybean Cyst Nematode	Herbicide tolerance	Emergence	Standability	Shattering Score	Phytophthora (PRR)	Brown Stem Rot (BSR)	Sudden Death (SDS) Tolerance	Frogeye Leaf Spot Tolerance	White Mold	Canopy Width	Plant Height	Light Soils	Pubescence
Hoblit Brand 343LL	3.4	Race 3 resist.	LL	10	9	9	8	NR	7	NR	NR	7	8	7	L. Tawny
Hoblit Brand 372LL	3.7	Race 3 resist.	LL	9	9	9	8	NR	8	NR	5	7	7	7	L. Tawny
Hoblit Brand 384LL NEW	3.8	Race 3 resist.	LL	9	9	9	8	NR	6	7	NR	7	8	7	L. Tawny
Hoblit Brand 423LL	4.2	Race 3 resist.	LL	10	9	9	8	NR	7	NR	NR	7	8	8	L. Tawny

Ratings: 10 = Best, 1 = Poorest, NR = Not Rated

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



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Soybean Planting rates (1,000 seeds per acre)

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

Use higher end of range in less than ideal conditions.



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