



**2015 Seed Guide**





# Corn



### HT-7243

HT-7243 carries a huge area of adaptation with its rugged plant. Its agronomic package has consistently demonstrated top yield capabilities with excellent standability. It has excellent stress tolerance. Its flexible ear-type doesn't need over-planting. A complete hybrid.



### HT-333

Simply performs; anywhere. Some would classify it as a "racehorse" because it wins a lot of plots. Some would call it a "workhorse" because it performs so well under stress. Not highly rated for corn-on-corn but may be your favorite there. A hybrid that may stand out as the best choice for anywhere on the farm.



### HT-389

This hybrid offers great performance consistency in a high yielding package. It also has superior silage applications. It has demonstrated strong yields across the board from light soils to dark. Ear flexibility in both length and girth. With its durability this hybrid can perform under a wide range of conditions. Plus it's a very good choice for no-till.



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

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### HT-212

Real solid performer with the super balance of top end and stress tolerance. Very good standability, the ability to follow corn, good heat and drought tolerance, a "no holes" disease package, heavy test weights... does about everything well. The type of hybrid that becomes a favorite.



### HT-7261

HT-7261 is a great looking yielder! Not only that but it has the ability to handle the lighter colored clays and perform well on down towards the Delta. Its health is strong and its test weight heavy. Plus its standability is stout. Nice package all around!



### HT-6930 **NEW!**

HT-6930 is a hybrid that can handle about anything, which is rare for a 109 day. It has incredible yield punch, and protects it with a comprehensive disease package. It has good drought tolerance and outstanding standability. All this adds up to a hybrid that is used for many purposes with great results.



### HT-7240

HT-7240 is not bullet proof for anything but is good at everything. It is an easy choice for top yields on productive ground, but also for tougher drought-prone soils. Some will plant it for an optional hybrid for grain or silage as the need dictates. Perfect for variable soils. Perhaps the best go-anywhere performance hybrid.



### HT-7238 **NEW!**

Here is an opportunity to get some gmo help for drought and maintain high yield potential if weather permits. This big plant keeps the ear up on light soil and has the root and stalk strength to give season-long standability. The ear flexes enough to allow multiple planting population options.



### HT-7778 **NEW!**

HT-7778 is a big hybrid that works from the Midwest through the Delta and from coast to coast. It is a top choice for both grain and silage production. A profit-building hybrid for many soils and farming practices.





### HT-5917



Likely the most versatile hybrid in the entire lineup. Whether used as a high yielding grain hybrid, a big tonnage silage number, or even a super early hybrid in the south that avoids heat, expect top performance. A great consideration for continuous corn as well.

### HT-6007



HT-6007 makes a beautiful hybrid for grain and silage producers alike. The large plant with good staygreen and grain quality allows for a variety of uses. Out of the ground quick and on to making yield.

### HT-224



HT-224 is best used as a hybrid to push for high yields. It has strong enough roots and stalks to perform under high populations, but it needs the water and fertility to do it. It also carries the needed disease tolerance to work in that environment.

### HT-6341



HT-6341 is a true dual-purpose hybrid with tremendous top end yield punch. Its agronomic package makes it very versatile across many fertilities and populations. Even under stress this number is an obvious choice.

### HT-6881



A tough early hybrid that was developed in high yield environments but has shown its ability to handle stress. Certainly a good pick to plant first and harvest first, but it will stand late into the fall if it has to. Finally, a versatile early hybrid with a lot to offer.

### HT-950



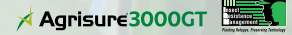
Use this hybrid as a top yielder, but understand it has some solid agronomics at the same time. With its good dry down and high performance it's tempting to label HT-950 as a race horse, but it's consistency and fall appearance will correct that opinion.

### HT-7001



HT-7001 is such an easy hybrid to work with that offers top production. Whether you need some ruggedness for tough conditions, strong standability for potentially wet harvest soils, or top end punch for ideal conditions this hybrid is an obvious choice. And let's face it, most fields have some combination of the conditions listed above.

### HT-7033



HT-7033 is a high yielder with very wide adaptability. Whether on high yielding soils or under heat and drought stress it is a good fit. It is dry enough to be the first corn you harvest but has the stalk and root strength to be the last hybrid standing on the farm. Superior versatility and performance.

### HT-120



Impressive yielder with tremendous adaptability. Good plant health, test weights, roots, stalks, drought tolerance, ear flex and emergence all describe HT-120. A fantastic hybrid to build your corn selection around.

### HT-7150



This is the kind of hybrid that sets new yield records for the farm! So pick out those fields that have the potential, plant it thick enough, fertilize it, take a look at it during peak disease time and plan on a big harvest.

### HT-7255



HT-7255 works where many hybrids struggle. It will maintain standability under difficult conditions. Does have high yield capabilities. Plus it offers the benefit of extremely high test weights and the possibility of food grade premiums.

### HT-377

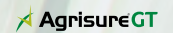
Pretty hybrid with outstanding grain quality. Very nice disease package that stands on an excellent root system. Consistently knocks out high yields on many soils. Tolerates cold soils at planting. Can even be used as a highly productive silage corn.

### HT-7741 **NEW!**



A big southern yielder that also has silage applications. It's full canopy lets you cover some droughty soils and wider rows. The disease package is complete for the area it fits, as well as the husk cover. But primarily HT-7741 is used to maximize grain and silage yields.

### HT-7745



The versatility of this high yielding, rugged hybrid is remarkable. It has enough health and yield punch to be the top performer under irrigation and enough plant size, canopy speed, and drought tolerance to be the best choice for dryland. In fact, this great standing hybrid is also a very good silage choice.

	Agrisure3000GT AgrisureViptera 3111	SMARTSTAX CORN RIB COMPLETE VT DOUBLE PRO CORN RIB COMPLETE	VT TRIPLE PRO CORN RIB COMPLETE
% Refuge	20% non-B.t. corn (common refuge plan only)	5% non-B.t. corn	10% non-B.t. corn
Configurations	Block, Split Planter, Adjacent field	Included in the bag	Included in the bag
	Refuge adjacent to or within your field	Included in the bag	Included in the bag
Strips	Split Planter - minimum of 4 consecutive rows	Included in the bag	Included in the bag



# Trait Availability Chart

Hybrid	Growth Regulator	Pigment Inhibitor	Sulfonylurea	Conventional	Roundup Ready CORN 2	genuity VT DOUBLE PRO CORN RIB COMPLETE	genuity DROUGHTGARD HYBRIDS WITH VT DOUBLE PRO RIB COMPLETE	genuity VT TRIPLE PRO CORN RIB COMPLETE	genuity SMARTSTAX CORN RIB COMPLETE	AgrisureGT	Agrisure3000GT	Agrisure Viptera 3111
HT-7243	○	○	○	✓	✓	✓		✓				
HT-333	○	○	○					✓				
HT-389	○	○	○			✓		✓				
HT-212	○	△	○			✓		✓				
HT-7261	●	●	●	✓	✓	✓		✓	✓			
HT-6930	●	△	●	✓					✓			
HT-7240	●	●	●	✓	✓	✓			✓			
HT-7238	●	●	●				✓					
HT-7778	●	●	●					✓				
HT-5917	△	△	●							✓		✓
HT-6007	●	△	●						✓			✓
HT-224	△	●	●									✓
HT-6341	●	●	●							✓		✓
HT-6881	●	●	●					✓				
HT-950	●	●	△					✓				
HT-7001	△	●	●			✓		✓				
HT-7033	△	●	●								✓	
HT-120	△	●	●	✓	✓	✓		✓				
HT-7150	△	●	●			✓			✓			
HT-7255	●	●	●			✓						
HT-377	●	●	●	✓								
HT-7741	●	●	●			✓						
HT-7745	●	●	●							✓		

● Acceptable   
 △ Warning   
 ● STOP!   
 ✓ Yes

1. Roundup and Roundup Ready are registered trademarks of Monsanto Technology LLC. 2. Genuity VT Double PRO is a registered trademark of Monsanto Technology LLC. 3. Genuity Droughtgard Hybrids with VT Double PRO is a registered trademark of Monsanto Technology LLC. 4. Genuity VT Triple PRO is a registered trademark of Monsanto Technology LLC. 5. Genuity SmartStax is a registered trademark of Monsanto Technology LLC. 6. Agrisure® and Agrisure Viptera® are trademarks of Syngenta Group Company.

**Return Policy:** 50% of order may be returned or up to 100% of corn maybe exchanged for soybeans. All returns must be delivered to the plant. All returns must be made by June 15 when the warehouse is fumigated.



## Performance Charts

Hybrid	Days	GDU	Population	Vigor	No-till	Drought	Health	Lodging	Dry Down	Ear Type	High Pop.	Low Pop.	Plant Ht.	Ear Ht.	Soil Type	Grain quality	Corn on Corn
HT-7243	112	2785	28-34M	8	7	8	7	8	7	Flex-Girth	8	8	MS	M	L-HP	6	7
HT-333	113	2860	26-32M	9	7	8	7	8	6	Flex-Girth	8	8	MS	M	L-HP	6	7
HT-389	113	2850	31-36M	7	7	7	6	9	7	Flex-Ear	8	9	M	M	L-HP	7	7
HT-212	112	2795	29-34M	7	7	8	7	8	7	Semi Determinate	8	7	MS	M	L-HP	8	8
HT-7261	112	2800	28-34M	6	7	8	7	8	7	Flex-Ear	8	8	M	ML	L-HP	9	7
HT-6930	109	2730	30-36M	7	7	8	7	9	7	Flex-Girth	9	6	M	M	L-HP	8	8
HT-7240	112	2790	28-36M	7	7	8	7	7	7	Semi-Flex	9	8	MT	M	L-HP	8	8
HT-7238	112	2800	29-34M	7	7	9	7	7	7	Semi Determinate	8	8	T	H	L-HP	6	8
HT-7778	117	2950	27-34M	7	8	8	8	8	4	Semi Determinate	8	7	T	MH	L-HP	7	9
HT-5917	99	2325	27-33M	8	8	8	8	7	8	Semi-Flex	7	8	MT	M	L-HP	8	9
HT-6007	100	2445	30-36M	8	8	7	7	7	8	Semi Determinate	9	6	T	MH	L-HP	8	6
HT-224	102	2460	29-33M	8	8	6	7	7	7	Semi Determinate	8	6	T	ML	M-HP	7	8
HT-6341	103	2475	29-34M	8	8	8	7	7	9	Flex-Ear	7	8	MT	M	L-HP	8	8
HT-6881	108	2690	30-36M	8	7	8	7	8	8	Determinate	9	7	M	M	L-HP	8	7
HT-950	109	2700	31-36M	7	7	7	7	6	8	Semi Determinate	9	6	M	M	M-HP	9	8
HT-7001	110	2735	32-36M	7	7	8	7	8	8	Semi Determinate	9	6	M	M	L-HP	8	8
HT-7033	110	2710	27-35M	8	9	8	7	8	9	Semi-Flex	8	8	MS	M	L-HP	7	8
HT-120	110	2750	28-34M	7	7	8	8	7	8	Semi-Flex	8	8	M	M	L-HP	8	7
HT-7150	111	2780	30-34M	7	7	7	7	7	7	Determinate	9	7	M	M	L-HP	7	6
HT-7255	112	2790	31-36M	7	7	7	6	9	7	Semi Determinate	9	6	M	M	L-HP	9	7
HT-377	113	2900	26-32M	8	9	8	8	7	6	Semi-Flex	6	9	T	MH	L-HP	9	8
HT-7741	117	2930	26-32M	7	7	7	7	6	7	Semi Determinate	7	8	T	H	L-HP	7	5
HT-7745	117	2950	25-33M	8	8	9	8	9	6	Flex-Ear	7	9	MT	M	L-HP	8	9

- Scale: 9=Best, 1=Poor
- Plant Heights: T=Tall, MT=Medium Tall, M=Medium, MS=Medium Short, S=Short
- Ear Heights: H=High, MH=Medium High, M=Medium, MS=Medium Low, L=Low
- Preferred Soil Type: LP=Low Productivity, MP=Medium Productivity, HP=High Productivity

\*The ratings in this chart reflect the differences between our superior hybrids only. It is designed to help you place your Great Heart hybrids as accurately as possible. For ratings on our hybrids as compared to other companies please contact your representative.

# Wheat

**GHT-914: NEW!**

**Very early double-crop wheat with complete agronomics.**

- The first ready to harvest
- Medium-short height for no-fill double-crop
- Very good winter hardiness
- Excellent standability
- Heavy test weight
- Siemer Milling approved

Recommended Population: 1,700,000/125#

Recommended Nitrogen: High to very high (use split spring applications)

**GHT-933**

**An all around impressive variety.**

- Extremely high yield potential
- Very versatile across a wide range of soils and populations
- Very good winter hardiness
- Very good double-crop choice
- Excellent standability
- Excellent tillering

Recommended Population: 1.6 -1.8 million/120# - 135#

Recommended Nitrogen: Medium to very high (use split spring applications)

**GHT-934: NEW!**

**A variety that does all things well; especially yield.**

- A high yielder throughout all soft red winter wheat regions
- Covers the bases on all major disease issues
- Impressive winter hardiness
- Very good choice for double-crop
- Strong stalk strength
- Consistently a top producer across varying soil types

Recommended Population: 1,700,000/125#

Recommended Nitrogen: Medium to very high (use split spring applications)

**GHT-940**

**Slam dunk variety! Top yields with a great defensive package.**

- Huge yield potential
- Excellent standability
- Excellent winter hardiness
- Excellent test weights
- Handles different soil types very well
- Very good scab tolerance

Recommended Population: 1.7 Million/125#

Recommended Nitrogen: Medium to very high (use split spring applications)

**GHT-955**

**A very versatile wheat with outstanding yield potential**

- Highest yield potential
- Very good scab tolerance
- Strong standability
- Early enough to double crop
- Handles wet feet better than most varieties
- Large, non-bearded, flashy heads
- Good straw production

Recommended Population: 1.6 million/120#

Recommended Nitrogen: High to very high (use split spring applications)

Variety	Maturity	Bearded	Height	Test Weight	Winter Hardness	Lodging	Leaf Rust	Stem Rust	Powdery Mildew	Septoria	Scab Tolerance	Soil Born Mosaic	Barley Yellow Dwarf	Stripe Rust
GHT-914	Early	No	Med-Short	VG	VG	EX	G	NA	VG	G	EX	VG	VG	G
<b>NEW!</b> GHT-933	Med-Early	Yes	Med-Short	F	VG	EX	VG	G	G	F	G	G	VG	VG
GHT-934	Med-Early	Yes	Medium	G	VG	VG	VG	G	G	G	G	NA	VG	G
<b>NEW!</b> GHT-940	Medium	Yes	Medium	EX	EX	EX	G	G	G	G	VG	NA	VG	VG
GHT-955	Medium	No	Medium	G	VG	VG	G	G	VG	G	VG	F	VG	VG

P=Poor • F=Fair • G=Good • VG=Very Good • EX=Excellent

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# Soybeans



Maturity	Drill Adapted	Emergence Score	Canopy Type	Plant Height	Standability	Phytophthora Resistance	Phytophthora Tolerance	SUS Tolerance	SCN Resistance	Brown Stem Rot	White Mold	Charcoal Rot	Frog Eye	Stem Canker	Root Knot	Salt	Pubescence Color	Flower Color	Preferred Soil Type	Population
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GT-222R2	✓								S	NA	NA	NA	NA	NA	Inc	Lt	P	L-HP	M	
GT-248CR2	✓								R3,MR14	NA	8	NA	NA	NA	Inc	Lt	P	L-HP	M	
GT-264CR2	✓								MR3,MS14	MR	NA	NA	NA	NA	Inc	G	P	L-HP	M	
GT-300CR2	✓								R3,MR14	R	NA	NA	NA	NA	Inc	G	P	L-HP	M	
GT-334CRR		✓							R3,MR14	R	8	NA	7	NA	Inc	T	P	L-HP	M	
GT-346CR2	✓								R3,MR14	R	NA	NA	NA	NA	Inc	G	P	L-HP	M	
GT-358CR2	✓								R3,MR14	R	NA	NA	NA	NA	Exc	G	P	L-HP	M	
GT-361CR2	✓								MR3,MR14	NA	NA	8	NA	NA	R	Inc	G	P	L-HP	M
GT-362CR2	✓								R3,MR14	NA	7	NA	NA	NA	Inc	G	P	L-HP	M	
GT-370CRR		✓							R3,MR14	NA	8	NA	7	NA	Inc	Lt	W	L-HP	M	
GT-376CR2	✓								R3,MR14	MR	8	NA	NA	NA	Exc	G	P	L-HP	M	
GT-385CR2	✓								R3,R14	NA	NA	6	5	MR	NA	Inc	Lt	W	L-HP	M
GT-387CR2S	✓		✓						R3,MR14	NA	NA	NA	8	MS	NA	Inc	G	P	L-HP	M
GT-390CR2	✓								R3,MR14	NA	NA	NA	5	NA	NA	Inc	G	P	L-HP	M
GT-403CR2	✓								R3,MR14	NA	NA	NA	8	R	R	Inc	G	W	L-HP	M
GT-421CRR		✓							R3,MR14	NA	NA	NA	NA	NA	Inc	Lt	P	L-HP	M	
GT-427CR2	✓								R3,MR14	NA	NA	NA	7	MS	NA	Inc	G	P	L-HP	M
GT-435CR2	✓								R3,MR14	NA	NA	NA	8	R	S	Inc	Lt	P	L-HP	M
GT-469CR2S	✓		✓						MR3	NA	NA	NA	8	R	S	Inc	G	W	L-HP	ML
GT-476CR2	✓								R3,MR14	NA	NA	NA	8	MR	NA	Inc	Lt	P	L-HP	M
GX-4798R2S	✓		✓						S	NA	NA	NA	6	MS	NA	Inc	Lt	P	L-HP	M
GT-482CR2S	✓		✓						R3,MR14	NA	NA	NA	7	R	MR	Inc	Lt	P	L-HP	M
GT-485CRS		✓		✓					R3,MR14	NA	NA	NA	7	MS	S	Inc	T	W	L-HP	M
GT-500CR2S	✓		✓						R3,MR14	NA	NA	NA	7	MR	NA	Inc	Lt	W	L-HP	MH
GT-516CR2	✓								R3,MR14	NA	NA	NA	9	MR	S	Tol	G	P	L-HP	M
GT-543CRS		✓		✓					LR3,MR14	R	NA	NA	8	R	NA	Exc	T	W	L-HP	ML
GT-572CR2	✓								R3	NA	NA	NA	9	MR	R	Inc	T	P	L-HP	M
GT-637CR2	✓								R3,MR14	NA	NA	NA	7	S	R	Inc	T	W	L-HP	M
GT-353CLS		✓	✓						R3,MR14	7	8	8	8	NA	NA	Inc	Lt	P	L-HP	M
GT-375CLL		✓	✓						R3,MR14	8	6	7	8	MR	NA	Inc	Lt	W	L-HP	M
GT-377CLL		✓	✓						R3,MR14	NA	7	NA	8	MR	8	Inc	G	W	L-HP	M
GT-404CLL		✓	✓						R3,MR14	8	6	9	8	MR	7	Inc	Lt	W	L-HP	M
GT-428CLL		✓	✓						R3	NA	NA	NA	NA	NA	NA	Inc	Lt	W	L-HP	M
GT-467CLL		✓	✓						R3,MR14	NA	NA	7	7	MR	3	Tol	G	W	L-HP	M
GT-501CLS		✓	✓						R3,MR14	NA	7	7	8	R	R	Inc	G	P	L-HP	M
GT-541CLL		✓	✓						R3,MR14	NA	NA	7	8	MR	NA	Inc	G	P	L-HP	M
GT-379C									R3,MR14	7	8	NA	NA	NA	NA	Inc	T	W	L-HP	M
GT-436C									R3,MR14	MR	NA	NA	8	MR	NA	Inc	T	P	L-HP	M

**Treated Soybean Return Policy** - There is no return of treated soybeans.

- Scale: 9=Best, 1=Poor
- Canopy Type: B=Bushy, M=Medium Bush, S=Strait Line
- SCN Resistance: Shows races of cyst resistance, R=Resistance, MR=Moderate Resistance, LR=Low Resistance
- Flower Color: P=Purple, W=White
- Preferred Soil Type: LP= Low Productivity, MP=Medium Productivity, HP=High Productivity
- Phytophthora Resistance: Shows Specific Gene Resistance or S=Susceptible
- Pubescence Color: T=Tawny, G=Gray

Seed Treatment Products

CLEANER FIELDS, HIGHER YIELDS



# Soybeans



**GT-222R2 Early II** - Here is a well-rounded, performance-oriented soybean. It demonstrates very good scores on phytophthora, emergence, standability and stress tolerance. This complete package enables GT-222RR to yield well in many environments.

**GT-248CR2 Mid II** - This variety has the kind of bred-in performance to make it a first choice on many farms. With its large plant type, disease package and farm friendly agronomics it fits very well into many applications. Certainly a bean you can plant with confidence.

**GT-264CR2 Mid II** - The mid-II to have. Huge yield advantage to other varieties in this maturity. Great stress tolerance due in part to its wide plant profile and quick canopy. Solid disease package keeps the yield potential on target.

**GT-300CR2 Early III** - The dominant yielding early group III. Very complete disease package for its area of adaptation. Big, aggressive growing plant type with the standability to go with it. Works anywhere you would want a 3.0 to go.

**GT-334CRR Early III** - A consistently strong performer. It packs plenty of yield punch for the best conditions and stress tolerant for the more challenging. The disease package covers all the important concerns including Brown Stem Rot resistance and very good scores on SDS and white mold.

**GT-346CR2 Early-Mid III** - GT-346CR2 is selected primarily for high yield potential in the early-mid group III maturity. There really isn't anything else that will run with it. It does well with many different soils and environments. It carries resistance to cyst, phytophthora and brown stem rot, with great SDS scores.

**GT-358CR2 Mid III** - GT-358CR2 certainly has yield, but is known for its stress tolerance, versatility and defensive traits. It can give top yields on any soils, row widths, and even fertility levels. It also offers a strong health package and is an excluder for salt. A very well-rounded yielder.

**GT-361CR2 Mid III** - GT-361CR2 offers unique genetics and characteristics while maintaining top yields. It gets out of the ground quick, stands well, and keeps its height even under drought stress. Consistently a bean at the top.

**GT-362CR2 Mid III** - Tremendous yielding soybean on many soils! We have seen this one yield at the top in all corners of the Midwest that a mid-III would go. It carries impressive abilities on silt, clay or sand soils. What a performer!

**GT-370CRR Mid-Late III** - A really well designed variety. It displays a solid disease package including frog eye, white mold and SDS. Excellent standability and branching allow it to perform at all row widths. GT-370CRR also has the yield potential to perform at the top in any of these environments.

**GT-376CR2 Mid-Late III** - This will initially be looked at for yield potential due to its top notch performance throughout the Midwest. But you will also find value in its stress tolerance, cyst and phytophthora package, as well as its standability.

**GT-385CR2 Late III** - Rapid out of the ground and quick to turn dark green and canopy over. Unique genetics among group III varieties. Outstanding yields on either dark soils or light. A big plant that expands well which helps to lower planting populations.

**GT-387CR2S Late III** - Versatile yielder. Enough size for the rough ground, enough top end yield punch for the best ground, enough disease tolerance for the low ground. A great way to diversify the genetics on your farm. Simply a solid top-performer that will handle many different soils and management practices.

**GT-390CR2 Late II** - GT-390CR2 has very high yield potential! Wide branching plus the ability to pod well on them, aid in establishing its yield punch. And carries excellent standability to get all that yield delivered to the elevator.

**GT-403CR2 Early IV** - If you plant 4.0 maturity glyphosate resistant beans, you really need this one on your farm. There is so much yield potential here protected by an outstanding defensive package. The genetics are unique, and you will like it in the field from emergence through harvest.

**GT-421CRR Early IV** - Is a very good standing, wide-body variety. Its quick to get out of the ground and canopy the rows, and does not shatter. The disease package is strong with the cyst nematode resistance and phytophthora tolerance to protect its yield potential.

**GT-427CR2 Early IV** - This is an early group IV that works from Kansas to Maryland and from Illinois to the Delta. Not too many in this maturity can say that. GT-427CR2 is a well rounded variety that is going to perform well in many different soils and farming operations.

**GT-435CR2 Early-Mid IV** - This is a rugged bean that maintains its height even under stress. It works well from the Midwest down into the Delta and on out to the East Coast, but use care when placing this big plant in environments that increase lodging. A lot of plant with a lot of yield!







**GT-469CR2S Mid IV** - This variety is really designed to go on the Delta clays. It is a large, aggressive growing plant type with durability and some yield potential. An R2/STS stacked variety with a good disease and stress package.



**GT-476CR2 Mid-Late IV** - Works very well on mixed soils from the Bootheel of Missouri on through the Delta. It offers good size and still carries some standability. It becomes a favorite on farms with varying soil types that need something that can handle it all.



**GX-4798R2 Mid-Late IV** - A high yielding variety that is designed to work well in the south and east coast. It can handle some tough conditions as well. It is best suited for the mixed to clay soils of the region. Carries both Roundup and Synchrony tolerance.



**GT-482CR2S Late IV** - Add some options to your herbicide program with this Roundup Ready/STS stacked line. At the same time add some dollars to your bottom line with its superior yield. This top variety works on multiple soil types across the Mid-West, Mid-South, Delta and East Coast.



**GT-485CRS Late IV** - Great looking with height and branching. Consistently at the top concerning yields over a large area. It offers Round-Up and STS Tolerance along with a solid disease package.



**GT-500CR2S Early V** - This variety has a great southern agronomic package. Strong enough offensively and defensively to handle all soil types; irrigated or not. A must have variety for its versatility and performance.



**GT-516CR2 Early V** - This is a big indeterminate plant that stands well. It works on all Delta soil types and performs up into the East Coast. It has impressive SDS, frog eye, and phytophthora scores, and even shows light salt tolerance.



**GT-543CRS Early-Mid V** - GT-543CRS has a great combination of agronomic tolerances and of course yield. Maximum phytophthora resistance, good against SDS and frog eye, excluder of salt, cyst resistant, STS tolerant and stem canker resistant. A top choice for great yields wherever you plant them.



**GT-572CR2 Mid-Late V** - Beautiful, tall, red, determinate bean. Works down the east coast and Delta. Has consistently high yield performance. Very good disease package including root knot, cyst, frog eye and stem canker.



**GT-637CR2 Early-Mid VI** - This is a very good standing variety with a wider canopy and moderate height. It begins covering the rows early with quick emergence, and carries protection against frog eye, cyst nematodes and root knot. Plus it's an eye-appealing, tawny plant with an even top profile.



**GT-353CLS Mid III** - Allows you to go after the toughest glyphosate-resistant weeds with an array of herbicides. It offers top yield levels but still packs in strong defensive agronomics with a great disease package. A very consistent variety.



**GT-375CLL Mid-Late III** - The most remarkable thing about the variety is its very high yield potential. In good years or tough that yield remains consistently high. Offers a complete disease package with strong emergence and standability.



**GT-377CLL Mid-Late III** - A large, impressive plant like you would expect from a Liberty-Link bean plus that strong package and even more yield. A variety that you can confidently plant anywhere at any reasonable row width and population. GT-377CLL makes it easy to grow an alternative broad-spectrum herbicide tolerant bean.



**GT-404CLL Early IV** - Loads of yield across a wide range of environments! It has you covered on all major disease issues concerning this maturity; even frog eye, root knot and stem canker. The plant has enough size to canopy stress soils and enough standability to handle rich soils.



**GT-428CLL Early IV** - GT-428CLL is a high yielding liberty bean in an aggressive growing plant. Good sized canopy, and cyst resistant. Very good tolerance to SDS, and phytophthora resistant. Great choice for no-till plus strong standability.



**GT-467CLL Mid IV** - GT-467CLL is a variety that gets it done year-in and year-out. It handles various soil types and planting populations. Its characteristics allow top performance in many areas including the mid-south and Missouri.



**GT-501CLS Early V** - Talk about a bean that has the bases covered! This one is resistant to cyst, phytophthora, root knot, and stem canker. Its tolerant to frog eye, white mold, charcoal rot, SDS and iron chlorosis! On top of that, it yields! If it doesn't work where you plant it, don't plant beans there.



**GT-541CLL Early-Mid V** - A big indeterminate plant that has built-in stress protection and yield. Outstanding phytophthora resistance, high drought tolerance, very strong cyst nematode and SDS scores help ensure the big top end yield potential is achieved. A great choice from its rapid emergence all the way through late harvest standability.

**GT-379C Mid-Late III** - A top yielder compared to any soybean. An agronomic package that allows it to go anywhere. And a large, great standing, great looking plant that is very appealing to anyone.

**GT-436C Early IV** - Go anywhere and get it done conventional. What a disease package, with tolerance or resistance to about everything even including stem canker and aerial blight. All this flexibility and sound agronomics enhances a fantastic yield punch. Quite a variety!



# Champion Alfalfa

Versatility combined with top production make this variety the “Champion”. Whether baling or grazing; highly productive ground or less productive; pure alfalfa or in a mix; north, south, east, or west “Champion” is the right alfalfa to select.



## Performance

Great Heart Champion shows impressive yield advantages over today's top competitors. It builds high tonnage through quick early spring growth and season-long quick re-growth. Its persistence through winter hardiness and pest tolerance, in addition to its ability to withstand traffic compaction, ensures it's a top performer year after year.

## Survivability

Champion has very good winter hardiness and is a fall dormancy 4, which is the optimum maturity for our area. It is resistant to all major alfalfa diseases with high resistance ratings to Bacterial Wilt, Verticillium Wilt, Fusarium Wilt, Anthracnose, Phytophthora Root Rot, and Race 1 Aphanomyces and even high resistance to Pea Aphids. It also carries moderate resistance to Blue Aphids, and Race 2 Aphanomyces. Champion is designed to work throughout the United States wherever fall dormancy 4 is recommended. Champion is also bred for all soil types and management practices.

## Quality

Champion is a highly digestible variety with improved forage quality. Its high leaf to stem ratio make it an excellent choice for superior quality. Champion's high yield and quality production make it a valuable alfalfa for hay marketers and feeders alike.





### New Seed Benefits

Convenience: Purchasing new seed insures access to the most elite germplasm and reliable seed supply in many maturities.

Economics of new seed vs bin run: Average loss of cleanout is 10-15% at harvest for bin run, while planting rates for bin run are generally 15% higher than new certified seed.

Limited warranty benefits: With new seed you get dealer agronomic support before and after the sale plus the risk management benefits of Roundup Rewards® (over \$600M paid to growers since 1997).

New Innovations: Royalties provide for research and development of new traits and higher yielding germplasm. New trait introductions require 7-9 years for commercialization at \$50-100M in total costs for a new biotech trait.

Seed Piracy Policy / No saved seed:

Seeds containing the Roundup Ready® trait and the Genuity® Roundup Ready 2 Yield® trait are protected under numerous U.S. patents. Seed containing patented traits, such as seed containing the Roundup Ready® and Roundup Ready 2 Yield® traits, can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready® soybeans and Genuity® Roundup Ready 2 Yield® 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>

MONSANTO MAKES NO REPRESENTATION OR WARRANTY REGARDING ANY PRODUCT NOT MANUFACTURED AND MARKETED BY MONSANTO WHICH IS USED IN ROUNDUP READY CROP(S) AND DISCLAIMS ALL RESPONSIBILITY FOR CLAIMS OR DAMAGE ARISING OUT OF THE USE OF SUCH PRODUCTS.

Return Policy: 50% of Non-treated order maybe returned. All returns must be delivered to the plant by June 15 when the warehouse is fumigated. No returns on bulk or mini-bulk units due to labeling laws.

1 Roundup, Roundup Ready, Roundup Ready 2 Yield, and Genuity are trademarks of Monsanto Company.

2 Liberty Link® is a registered trademark of Bayer® Company.



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



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

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

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

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity Design®, Genuity Icons, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax®, VT Double PRO® and VT Triple PRO® are trademarks of Monsanto Technology LLC. LibertyLink and the Water Droplet Design® is a registered trademark of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. All other trademarks are the property of their respective owners.

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#### LibertyLink Patent Statement

Soybean seeds containing the LibertyLink® trait are protected under multiple United States patents and may be planted only to produce one (1) commercial crop and only after signing a Grower Trait License 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.



# THE FIRST FAMILY OF SINGLE-BAG REFUGE SOLUTIONS.

## AUTOMATIC COMPLIANCE AND EASE OF PLANTING IN EVERY BAG.

- The broadest choice in above and below ground insect protection
- The **truly simple** refuge-in-a-bag solution for the Corn-Growing Area; just fill your planter and go.

Contact your seed rep or go to [genuity.com](http://genuity.com)



EVERY BUSHEL MATTERS

Important: Genuity® RIB Complete® is a limited seed corn product that requires the planting of a structured refuge in the Cotton-Growing Area. Always read and follow the stewardship requirements and other stewardship guidance and pesticide label directions. Details of these requirements are located in the ETS Product Launch Stewardship Guidance and other stewardship documents. Details of these requirements are located in the ETS Product Launch Stewardship Guidance and other stewardship documents. Details of these requirements are located in the ETS Product Launch Stewardship Guidance and other stewardship documents.

## Great Heart Seed

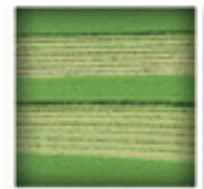
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Paris, Illinois 61944

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[www.greatheartseed.com](http://www.greatheartseed.com)



### The Great Heart Story...**Why Great Heart Seed?**

That is a question we continually ask ourselves. "Why do customers do business with Great Heart," "Why do people want to work at Great Heart," and you may be asking yourself, "Why should I buy Great Heart Seed?" If you want only one customer, one employee, or one product those are easy questions to answer. As we grow, it becomes complicated.

Being all things to all people is impossible; which means there are more incentives and options in the industry than any one company can utilize. Our goal is to be the best value a farmer can get from a seed company, so we identify what is most important to our customers. That list of benefits constantly changes, and is different with each customer. Plus every benefit that is added will limit another one, so prioritizing to match what is most valuable to you is a must.

Something Great Heart Seed is really good at is helping you obtain the absolute best field yields. By this we mean that Great Heart is your highest yielding choice of seed available today. A lot of effort and expense is put into being able to make that statement, but to Great Heart customers, having the best seed out there is a top priority. Accurate placement works hand-in-hand with the demand for those top-producing products. Great Heart customers expect to work closely with our knowledgeable representatives to correctly position our products on their fields to reach maximum yield potential. We believe that no one is better at placing their products than we are.

We have also identified that multiple GMO-trait options are a must for our customers, and that includes having conventional products as well. Plus a very long list of agronomic characteristics that is always changing and adapting with current environmental issues. For some farms replant assistance and financing options are a necessity. Even packaging and delivery options are of great importance to some operations. Added to that are a host of many other preferences that appear on the selection radar.

What runs consistently clear is that our customers want a top performing product at a fair price with the service to back it up. And with that they want to work with an independent seed company who has their best interest at heart. They know we treat them fairly, and will go the distance to help them succeed. They want to plant Great Heart Seed!

