



2020 Soybean Variety Catalog



We create chemistry

Picking a soybean that goes beyond the status quo.

That’s smart.

Dear Soybean Grower,

Thank you for considering a Credenz® soybean variety for your rotation this year.

When you plant Credenz, you’re getting precise varieties from an innovation pipeline, varieties painstakingly designed to perform in your local environment. This pipeline also delivers new herbicide-tolerant traits and ongoing advances to help unlock the potential of your soybean fields.

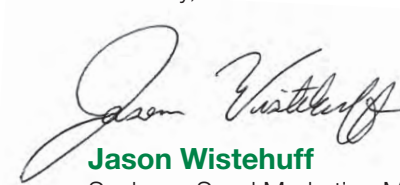
THIS YEAR, YOU’RE GETTING EVEN MORE

Credenz is part of BASF, giving you access to the very latest tools that can help increase yield, crop quality and profitability. The expanded BASF portfolio of products can help protect and nurture the soybean varieties you select from this guide.

You can also count on the dedicated members of your BASF Agronomic Services Team. They’ll help you make informed choices on everything from Credenz seed varieties to inputs to management strategies. This catalog offers in-depth information to guide your decisions, including contact information for your local team of experts.

At BASF, we take pride in doing our part to help you grow the best soybeans possible. We truly appreciate your business, along with the trust you place in our people and products.

Sincerely,


Jason Wistehuff
Soybean Seed Marketing Manager
North America


Allen Gent
Head of U.S. Soybeans



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Credenz[®] Soybeans

The key to unlocking soybean potential on your acres

As a forward-thinking soybean grower, you're not satisfied with the status quo because you know yield and performance are constantly moving targets. Every year brings its own set of challenges. Credenz soybeans can help with those challenges and unlock the potential in your acres with a lineup of precise varieties, dialed in to your local conditions.

Rigorous research, breeding and testing goes into every single Credenz soybean seed. These customized, cutting-edge varieties have been created and perfected in laboratories and fields all across the country. Fields with soil types just like yours, with the same weather conditions and pest pressures you face every year. Credenz is built for independent thinkers who like staying ahead of an ever-changing curve.

When you select a Credenz variety, you're getting more than soybean seeds. You get expert agronomic support from BASF, along with a comprehensive seed treatment and crop protection portfolio to help you protect your yield from planting to harvest. Ready to elevate expectations for your whole operation? Credenz varieties are engineered to give you the utmost confidence in your seed decision.

Credenz® Soybeans

Credenz has been on the market for just five years and it’s already the 10th most-planted soybean in the U.S. Here’s why:



Continuous Innovation

- Strongly committed to the advancement of LibertyLink® GT27,™ the first glufosinate and glyphosate stacked trait for soybeans. Soon to offer Alite™ 27 herbicide*, pending EPA approval
- Industry-leading soybean trait pipeline with stacked herbicide traits and SCN tolerance
- The most robust soybean crop protection pipeline in the industry



Precise Varieties

- Extensive data on each variety developed from testing in a wide variety of conditions
- Bred to withstand local pest and disease pressure
- Broad seed portfolio enabling you to plant multiple varieties on your farm to maximize your ROI



Quality Pledge

- Best-in-class seed production practices that leave nothing to chance
- Rigorous testing that goes above and beyond industry standards
- Meticulous assessment at every stage, from harvest to shipping



Agronomic Expertise

- Experienced teams of soybean experts who bring guidance and local support to your operation
- Providing in-depth insights on seed, seed treatment and crop protection
- Dedicated to delivering better production and performance on every soybean acre



Proven Portfolio

- A national lineup of high-performing soybean seed varieties
- Leading seed treatment options that enhance emergence and early vigor
- Complete selection of top-of-the-line crop protection solutions

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Agronomic Services Team

Insights and expertise lead to better performance

When you buy Credenz® soybeans, you're buying the support of dedicated BASF seed experts. Your Credenz Seed Agronomists consult with skilled and seasoned Crop Protection Tech Service and Seed Treatment field reps to give you the very latest seed solutions and recommendations. Your Seed Agronomist also collaborates with consultants, university extension specialists and others to capture, evaluate and summarize variety information to provide agronomic expertise and attentive service so you can increase the ROI on every one of your soybean acres.



Marc Hoobler
Soybean Agronomy Lead
919-257-7860

“We have people throughout the country who understand all the local issues growers are facing. And we have excellent solutions for those growers.”

-MARC HOOBLER



Monty Malone
Variety Development Lead
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“Grower needs are very dynamic. They have a set of problems one year that's different from the next. That's part of the fun: Staying ahead of the challenges and having agronomic tools in all our varieties that are a custom-fit for our growers' fields.”

-MONTY MALONE

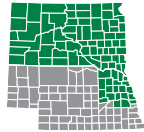
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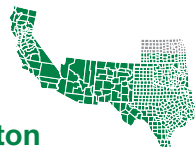
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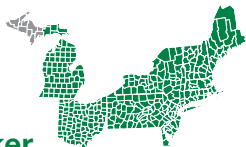
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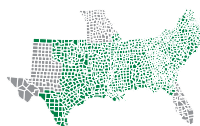
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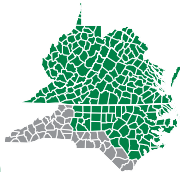
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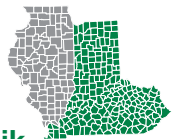
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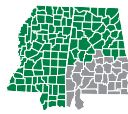
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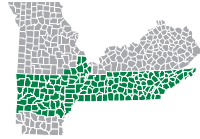
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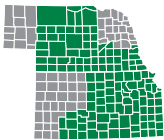
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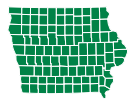
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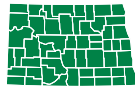
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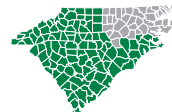
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Credenz® Varieties

Why making a smart choice pays off

The 2020 lineup of Credenz varieties were made for growers who know getting ahead means not standing still. These variety numbers are designed to thrive in local conditions. Here's why planting a Credenz variety can help unlock the potential of your soybean fields.

- Specific varieties are tested in your environment and soil type
- Bred to withstand local pest and disease pressure
- 43 new varieties for 2020
- 24 new varieties with the LibertyLink® GT27™ trait that enables both Liberty® herbicide and glyphosate herbicides and tolerant to new Alite™ 27 MOA herbicide for soybeans*, pending EPA approval

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All the power of LibertyLink technology, supercharged with enhanced weed control and cutting-edge yield.

Performance

- High-yielding, elite genetics for maximum yield potential
- 2–4+ bushels average yield advantage* over leading commercial soybean trait systems
- New elite genetics from proven germplasm for confidence in yield performance across environments

Weed Control

- Triple-stack tolerance to Liberty® herbicide and glyphosate, and the first HPPD-based herbicide for soybeans
- Alite™ 27 herbicide** brings a unique mode of action for soybeans (group 27), which delivers exceptional residual control with reactivation NOT CURRENTLY FOR SALE
- All the power of LibertyLink technology for superior postemergent control of grass and broadleaf weeds, including driver weeds resistant to other chemistries

Flexibility

- Grower flexibility in weed management for ease and peace of mind
- Start clean with a premium preemergence weed control program to ensure optimum yields and durable weed control
- Non-volatile chemistries and low drift risk minimize off-target concerns for peace of mind
- Availability of both Liberty herbicide and glyphosate allows growers to customize the postemergence weed control to in-season needs


LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.
*Average yield advantage across national yield trials.
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Recommendations for LibertyLink® GT27™ trait platform

Program	Good	Better	Best
Pre-herbicide application	Alite™ 27* (rate TBD) + Verdict® (5 fl oz)	Zidua® SC (2.5-3.25 fl oz) + Alite 27 (rate TBD)	Zidua PRO (4.5-6 fl oz) + Alite 27 (rate TBD)
	-	Rotational Recommendation Verdict (5 fl oz) + Zidua SC (2.1 fl oz) or Verdict (5 fl oz) + Outlook® (10 fl oz)	-
	-	Coarse Soil Recommendation Zidua (3.25 fl oz) + Prowl® H2O or Zidua (3.25 fl oz) + Metribuzin (4–8 oz – local rates)	-
Post-herbicide application	Liberty® (32–43 fl oz) + Outlook (10 fl oz)		
Fungicide application	Priaxor® fungicide		
Insecticide application	Sefina™ insecticide		


LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.
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CZ 0121LL BRAND		RM 0.1	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/TALL		
Standability	2		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	-		
Iron Deficiency Chlorosis	3		


Variety Strengths

- Tall plant type for maturity that stands well
- Consistent yields from North to South

CZ 0309GTLL BRAND		RM 0.3	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/AVG		
Standability	3		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		


Variety Strengths

- Strong yield potential in an early MGO
- Good lateral branching for wider rows
- Attractive light tawny/tan color

CZ 0419GTLL BRAND		RM 0.4	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/AVG		
Standability	3		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	3		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		


Variety Strengths

- Consistent yield potential
- Good IDC tolerance
- Bushier canopy for RM

CZ 0590GTLL BRAND NEW		RM 0.5	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/TALL		
Standability	2		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	5		

Variety Strengths

- Good PRR field tolerance
- Taller variety for tougher soil types

CZ 0729GTLL BRAND		RM 0.7	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS3A		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	5		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		

Variety Strengths

- Great standability and agronomics
- 3a PRR gene
- Taller plant suitable for narrower rows

CZ 1028LL BRAND		RM 1.0	LIBERTY LINK 
Key Characteristics			
Plant Height	MED/AVG		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Good SCN tolerance with 88788 resistance
- Solid agronomic package with good standability
- Stable performer across a wide geography

CZ 1139GTLL BRAND		RM 1.1	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/AVG		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		

Variety Strengths

- High yield potential
- Good IDC tolerance
- Excellent standability with good lateral branching

CZ 1280GTLL BRAND NEW		RM 1.2	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	3		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	5		

Variety Strengths

- Nice defensive package with good agronomics
- Consistent across soil types

CZ 1332LL BRAND		RM 1.3	LIBERTY LINK
Key Characteristics			
Plant Height	MED/AVG		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	2		
Iron Deficiency Chlorosis	3		

Variety Strengths

- “Go-to” early MG1
- Consistent yielder across all environments
- Nice all-around defensive package

CZ 1470GTLL BRAND NEW		RM 1.4	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	-		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Solid agronomics with good SCN tolerance
- Above average IDC with solid yield performance

CZ 1549GTLL BRAND		RM 1.7	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	4		

Variety Strengths

- Top-end yield potential, racehorse type variety
- Good IDC and SCN tolerance
- Medium-tall plant type with attractive look

CZ 1660GTLL BRAND NEW		RM 1.6	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/AVG		
Standability	1		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	3		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Solid defensive package and broadacre fit
- Superior standability

CZ 1850GTLL BRAND NEW		RM 1.8	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	5		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		

Variety Strengths

- Growthy plant type with improved standability
- Good performance over multiple states

CZ 1859GTLL BRAND		RM 1.8	LIBERTYLINK G127
Key Characteristics			
Plant Height	MEDIUM		
Standability	1		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	3		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Stable high yield across multiple environments
- Good defensive package with IDC, SCN, BSR and PRR(1c) tolerance
- Great standability

CZ 2040GTLL BRAND NEW		RM 2.0	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	3		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Solid agronomics with good SDS, PRR tolerance
- Excellent performance in RM zone

CZ 2101LL BRAND		RM 2.1	LIBERTYLINK
Key Characteristics			
Plant Height	MED/AVG		
Standability	2		
Phytophthora Source	RPS1A SEGREGATING		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	2		
Soybean Cyst Nematode	2		
Iron Deficiency Chlorosis	5		

Variety Strengths

- Better than average SCN for MG2 with 88788 resistance
- Excellent standability and disease package
- Best SWM tolerance in the lineup

CZ 2230GTLL BRAND NEW		RM 2.2	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	5		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		

Variety Strengths

- Good SDS and IDC tolerance
- Solid performance in Northern Iowa and West

CZ 2312LL BRAND		RM 2.3	LIBERTYLINK
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	5		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		
Sudden Death Syndrome	4		

Variety Strengths

- Medium-tall, bushy plant type with consistent yields across the U.S.
- Very attractive light tawny/tan
- “Go-to” early MG2

CZ 2360GTLL BRAND NEW		RM 2.3	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		
Sudden Death Syndrome	5		

Variety Strengths

- Good IDC, SCN and PRR tolerance
- Broadly adapted

CZ 2550GTLL BRAND NEW		RM 2.5	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	5		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		
Frogeye Leaf Spot (Field Rating)	-		
Sudden Death Syndrome	3		

Variety Strengths

- Excellent, stable performer across geographies
- Broadacre fit with nice plant structure

CZ 2579GTLL BRAND		RM 2.6	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	4		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Stable performer across varying soil types
- Good IDC tolerance
- Taller plant type and attractive look

CZ 2601LL BRAND		RM 2.6	LIBERTYLINK
Key Characteristics			
Plant Height	MED/TALL		
Standability	2		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	2		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Consistent East to West, works in all soil types
- Excellent standability and IDC tolerance
- “Go-to” variety in mid-MG2

CZ 2760GTLL BRAND NEW		RM 2.7	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Sclerotinia White Mold	-		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	5		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	4		

Variety Strengths

- Taller plant type with good standability
- Good BSR and PRR field tolerance

CZ 2810LL BRAND		RM 2.8	LIBERTYLINK
Key Characteristics			
Plant Height	MED/TALL		
Standability	5		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	2		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	1		
Iron Deficiency Chlorosis	3		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Excellent PRR tolerance
- Great disease package: Rps1k, SWM, SCN, SDS, BSR
- Taller, robust, consistent

CZ 2830GTLL BRAND NEW		RM 2.8	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/AVG		
Standability	4		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	-		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	3		
Frogeye Leaf Spot (Field Rating)	-		
Sudden Death Syndrome	3		

Variety Strengths

- Excellent SCN and IDC tolerance
- Solid performance in Illinois and Iowa

CZ 2889GTLL BRAND		RM 2.9	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	4		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	3		

Variety Strengths

- Top-end potential
- Good option for well-drained soils in Illinois, Iowa and Nebraska
- Nice lateral branching for row spacing flexibility

CZ 2910GTLL BRAND NEW		RM 2.9	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/AVG		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Sclerotinia White Mold	-		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	4		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	4		

Variety Strengths

- Attractive, uniform plant with good standability
- Solid performance from East to West

CZ 3099GTLL BRAND NEW		RM 3.0	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	3		
Iron Deficiency Chlorosis	4		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	2		

Variety Strengths

- Best IDC in early MG3
- Strong performance and consistency

CZ 3100GTLL BRAND NEW		RM 3.1	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	2		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	5		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	5		

Variety Strengths

- Taller, workhorse variety that moves East
- Good standability for height

CZ 3250GTLL BRAND NEW		RM 3.2	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	4		
Iron Deficiency Chlorosis	5		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	2		

Variety Strengths

- Best SDS tolerance in RM with good PRR, SCN
- Good standability for height

CZ 3309GTLL BRAND		RM 3.4	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	2		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	3		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Taller, robust plant type
- Consistent across environments
- Good early vigor

CZ 3480GTLL BRAND NEW		RM 3.4	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	-		
Sudden Death Syndrome	3		

Variety Strengths

- Top end, stable performer from East to West
- Complete disease package

CZ 3519GTLL BRAND		RM 3.6	LIBERTYLINK G127
Key Characteristics			
Plant Height	TALL		
Standability	4		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	3		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	3		

Variety Strengths

- Great performance in the East
- Excellent SCN and PRR field tolerance
- Solid agronomics and standability

CZ 3540GTLL BRAND NEW		RM 3.5	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	5		

Variety Strengths

- Robust plant with excellent standability
- Consistent performer with SCN tolerance

CZ 3601LL BRAND		RM 3.6	LIBERTYLINK
Key Characteristics			
Plant Height	MED/TALL		
Standability	2		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Consistent across many soil types
- High-yielding racehorse variety
- Solid defensive package and standability

CZ 3660GTLL BRAND NEW		RM 3.6	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		

Variety Strengths

- Adaptability that moves East well
- Good standability with great yield performance

CZ 3750GTLL BRAND NEW		RM 3.7	LIBERTYLINK G127
Key Characteristics			
Plant Height	MEDIUM		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	5		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	-		

Variety Strengths

- Strong ability to move South with top-end yield
- Good SCN tolerance

CZ 3840GTLL BRAND NEW		RM 3.8	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	5		
Sudden Death Syndrome	4		

Variety Strengths

- Tall, defensive variety with great standability
- Best PRR field tolerance in late group 3 RM

CZ 3841LL BRAND		RM 3.8	LIBERTY LINK
Key Characteristics			
Plant Height	MED/TALL		
Standability	4		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	2		
Soybean Cyst Nematode	2		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	3		

Variety Strengths


- Very consistent yields across all regions
- Good PRR and SDS ratings
- Grower favorite past few seasons


2020 Soybean Varieties





Proof of Performance


The proof is in the performance. In head-to-head yield trials against the competition, Credenz[®] soybeans came out on top.


 ARKANSAS	5.4 <small>bu/A OVER ASGROW[®]</small>	
	CZ 4918LL	
	AG47X6	


 ILLINOIS	3.6 <small>bu/A OVER ASGROW</small>	
	CZ 2601LL	
	AG27X7	


 INDIANA	2.5 <small>bu/A OVER ASGROW</small>	1.5 <small>bu/A OVER ASGROW</small>
	CZ 2810LL	CZ 3601LL
	AG27X7	AG36X6


 IOWA	4.8 <small>bu/A OVER ASGROW</small>	
	CZ 2601LL	
	AG25X9	


 KANSAS	2.2 <small>bu/A OVER ASGROW</small>	
	CZ 3601LL	
	AG36X6	


 MINNESOTA	2.8 <small>bu/A OVER ASGROW</small>	
	CZ 1028LL	
	AG11X8	


 MISSISSIPPI	7.7 <small>bu/A OVER ASGROW</small>	
	CZ 4918LL	
	AG47X6	

 MISSOURI	4.0 <small>bu/A OVER ASGROW</small>	
	CZ 3601LL	
	AG36X6	

 NEBRASKA	1.9 <small>bu/A OVER ASGROW[®]</small>	
	CZ 3309GTLL	
	AG33X8	

 N. DAKOTA	2.2 <small>bu/A OVER ASGROW</small>	
	CZ 1332LL	
	AG11X8	

 OHIO	4.8 <small>bu/A OVER ASGROW</small>	1.6 <small>bu/A OVER ASGROW</small>
	CZ 2810LL	CZ 3601LL
	AG27X7	AG36X6

 S. DAKOTA	1.8 <small>bu/A OVER ASGROW</small>	
	CZ OVERALL	
	AG OVERALL	

Go to [Credenz.us](https://credenz.us) to see 2018 Credenz[®] yield data near you.



Product Brand

	CZ 0121LL	LibertyLink®	10	0.1	IND	Med/Tall	Gray	Purple	Tawny	Brown	2,900	2	-	-	Includer	Rps1k	3	3	3	3	-	4
	CZ 0309GTLL	LibertyLink GT27™	9 10 27	0.3	IND	Med/Avg	Black	Purple	Lt. Tawny	Tan	3,100	3	5	5	SEG	Rps1c	4	3	5	4	4	4
	CZ 0419GTLL	LibertyLink GT27	9 10 27	0.4	IND	Med/Avg	Black	Purple	Lt. Tawny	Brown	2,700	3	4	4	SEG	Rps1c	4	3	5	4	4	3
NEW	CZ 0590GTLL	LibertyLink GT27	9 10 27	0.5	IND	Med/Tall	Brown	Purple	Lt. Tawny	Tan	3,100	2	4	4	SEG	Rps1a	3	3	5	5	4	4
	CZ 0729GTLL	LibertyLink GT27	9 10 27	0.7	IND	Med/Tall	Brown	Purple	Lt. Tawny	Tan	3,100	3	3	4	Includer	Rps3a	4	3	5	4	4	5
	CZ 1028LL	LibertyLink	10	1.0	IND	Med/Avg	Black	Purple	Lt. Tawny	Tan	2,400	2	4	4	Excluder	-	4	2	3	3	3	4
	CZ 1139GTLL	LibertyLink GT27	9 10 27	1.1	IND	Med/Avg	Brown	Purple	Lt. Tawny	Tan	2,700	2	4	4	SEG	-	4	3	3	3	4	4
NEW	CZ 1280GTLL	LibertyLink GT27	9 10 27	1.2	IND	Med/Tall	Brown	Purple	Lt. Tawny	Brown	2,500	3	4	4	SEG	-	4	3	3	5	4	3
	CZ 1332LL	LibertyLink	10	1.3	IND	Med/Avg	Black	Purple	Lt. Tawny	Tan	2,500	3	3	3	Excluder	-	3	3	4	3	2	4
NEW	CZ 1470GTLL	LibertyLink GT27	9 10 27	1.4	IND	Med/Tall	Imp. Black	Purple	Gray	Tan	2,800	4	-	5	-	Rps1k	3	2	5	3	4	-
	CZ 1549GTLL	LibertyLink GT27	9 10 27	1.7	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,800	3	4	4	SEG	Rps1k	4	3	5	4	3	4
NEW	CZ 1660GTLL	LibertyLink GT27	9 10 27	1.6	IND	Med/Avg	Brown	Purple	Lt. Tawny	Tan	2,800	1	5	5	-	Rps1k	4	2	3	3	4	3
NEW	CZ 1850GTLL	LibertyLink GT27	9 10 27	1.8	IND	Med/Tall	Brown	Purple	Lt. Tawny	Brown	2,500	3	4	-	-	Rps1k	3	-	5	4	4	5
	CZ 1859GTLL	LibertyLink GT27	9 10 27	1.8	IND	Medium	Black	Purple	Lt. Tawny	Tan	2,500	1	3	4	Includer	Rps1k	4	3	3	3	3	3
NEW	CZ 2040GTLL	LibertyLink GT27	9 10 27	2.0	IND	Med/Tall	Brown	White	Lt. Tawny	Brown	2,500	3	2	4	SEG	Rps1a	3	2	5	3	3	3
	CZ 2101LL	LibertyLink	10	2.1	IND	Med/Avg	Black	Purple	Lt. Tawny	Tan	2,500	2	4	3	Includer	Rps1a segregating	3	2	4	5	2	2
NEW	CZ 2230GTLL	LibertyLink GT27	9 10 27	2.2	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,700	4	3	-	-	-	3	-	5	3	4	5
	CZ 2312LL	LibertyLink	10	2.3	IND	Med/Tall	Brown	Purple	Lt. Tawny	Tan	2,700	3	4	4	SEG	Rps1a	4	2	4	3	4	5
NEW	CZ 2360GTLL	LibertyLink GT27	9 10 27	2.3	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,700	3	5	-	-	Rps1k	3	2	5	3	4	4
NEW	CZ 2550GTLL	LibertyLink GT27	9 10 27	2.5	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	3,000	3	3	-	Includer	Rps1a	3	2	5	4	4	5
	CZ 2579GTLL	LibertyLink GT27	9 10 27	2.6	IND	Med/Tall	Black	White	Lt. Tawny	Tan	2,800	4	4	4	SEG	Rps1k	4	3	3	4	3	4
	CZ 2601LL	LibertyLink	10	2.6	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,600	2	4	4	SEG	Rps1c	3	4	4	2	3	4
NEW	CZ 2760GTLL	LibertyLink GT27	9 10 27	2.7	IND	Med/Tall	Brown	Purple	Lt. Tawny	Tan	2,700	4	4	5	-	-	3	2	3	5	4	-
	CZ 2810LL	LibertyLink	10	2.8	IND	Med/Tall	Imp. Black	Purple	Gray	Tan	2,700	5	4	4	SEG	Rps1k	2	3	3	3	1	4
NEW	CZ 2830GTLL	LibertyLink GT27	9 10 27	2.8	IND	Med/Avg	Brown	Purple	Lt. Tawny	Brown	2,500	4	3	-	-	Rps1k	4	-	3	3	4	-
	CZ 2889GTLL	LibertyLink GT27	9 10 27	2.9	IND	Med/Tall	Brown	Purple	Lt. Tawny	Brown	2,800	3	3	3	SEG	Rps1a	4	3	5	4	4	4
NEW	CZ 2910GTLL	LibertyLink GT27	9 10 27	2.9	IND	Med/Avg	Brown	White	Lt. Tawny	Tan	2,800	3	4	5	-	-	4	2	5	4	4	-
NEW	CZ 3099GTLL	LibertyLink GT27	9 10 27	3.0	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,200	3	2	5	SEG	Rps1k	3	3	3	4	3	4
NEW	CZ 3100GTLL	LibertyLink GT27	9 10 27	3.1	IND	Med/Tall	Brown	Purple	Lt. Tawny	Brown	2,500	4	5	4	-	Rps1c	2	-	6	5	4	-
NEW	CZ 3250GTLL	LibertyLink GT27	9 10 27	3.2	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	3,300	3	2	5	-	-	3	2	5	5	4	-
	CZ 3309GTLL	LibertyLink GT27	9 10 27	3.4	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	2,500	2	4	4	SEG	Rps1a	3	3	3	3	3	4
NEW	CZ 3480GTLL	LibertyLink GT27	9 10 27	3.4	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	3,000	3	3	-	-	-	3	2	5	3	4	-
	CZ 3519GTLL	LibertyLink GT27	9 10 27	3.6	IND	Tall	Black	Purple	Lt. Tawny	Brown	2,400	4	3	4	SEG	Rps1a	3	2	3	-	3	-
NEW	CZ 3540GTLL	LibertyLink GT27	9 10 27	3.5	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	3,000	3	5	5	-	-	4	2	5	6	4	-
	CZ 3601LL	LibertyLink	10	3.6	IND	Med/Tall	Black	White	Lt. Tawny	Tan	2,500	2	4	4	SEG	Rps1a	3	5	4	6	4	5
NEW	CZ 3660GTLL	LibertyLink GT27	9 10 27	3.6	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	3,000	4	4	4	Includer	-	3	2	5	6	4	-
NEW	CZ 3750GTLL	LibertyLink GT27	9 10 27	3.7	IND	Medium	Brown	Purple	Lt. Tawny	Brown	2,800	4	-	5	-	-	5	2	5	6	4	-
NEW	CZ 3840GTLL	LibertyLink GT27	9 10 27	3.8	IND	Med/Tall	Black	White	Lt. Tawny	Tan	2,800	4	4	5	Includer	-	4	2	5	4	4	-
	CZ 3841LL	LibertyLink	10	3.8	IND	Med/Tall	Black	White	Lt. Tawny	Tan	2,600	4	3	4	Includer	Rps1a	2	2	4	5	2	4
	CZ 3929GTLL	LibertyLink GT27	9 10 27	4.0	IND	Tall	Black	White	Lt. Tawny	Brown	2,700	2	4	4	SEG	Rps1a	3	2	3	-	3	-
NEW	CZ 3930GTLL	LibertyLink GT27	9 10 27	3.9	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,500	5	-	5	Includer	-	5	2	5	-	4	-

Product Brand		Herbicide-Tolerant Trait Name	Herbicide Group Tolerance	Relative Maturity	Plant Type	Plant Height	Hilum Color	Flower Color	Pubescence	Pod Color	Seed Size (seeds per lb.)	Standability	Sudden Death Syndrome	Frogeye Leaf Spot (Field Rating)	Chloride Sensitivity	Phytophthora Source	Phytophthora PRR (Field Tolerance)	Stem Canker	Brown Stem Rot	Iron Deficiency Chlorosis	Soybean Cyst Nematode	Root-knot Nematode	Metribuzin	Sulfonylurea Tolerance
	CZ 4105LL	LibertyLink [®]	10	4.1	IND	Med/Tall	Black	White	Lt. Tawny	Brown	2,500	1	3	1	Excluder	Rps1a	3	8	4	-	3	8	8	-
NEW	CZ 4240GTLL	LibertyLink GT27 [™]	9 10 27	4.2	IND	Medium	Black	White	Lt. Tawny	Brown	2,500	2	-	3	Includer	HRps1a	-	1	5	-	4	8	-	1
NEW	CZ 4280X	Roundup Ready 2 Xtend [®]	4 9	4.2	IND	Med/Tall	Imp. Black	Purple	Gray	Brown	3,300	3	5	4	SEG	Rps1k	-	1	-	-	-	6	-	1
NEW	CZ 4410GTLL	LibertyLink GT27	9 10 27	4.4	IND	Medium	Black	Purple	Lt. Tawny	Brown	3,000	2	-	3	Includer	Rps1a	-	1	5	-	4	8	-	1
	CZ 4539GTLL	LibertyLink GT27	9 10 27	4.5	IND	Med/Avg	Brown	Purple	Lt. Tawny	Brown	2,800	2	4	2	Includer	-	4	3	3	4	3	8	-	-
NEW	CZ 4570X	Roundup Ready 2 Xtend	4 9	4.5	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	3,100	4	4	4	SEG	Rps1a	-	1	-	-	-	8	-	-
NEW	CZ 4600X	Roundup Ready 2 Xtend	4 9	4.6	IND	Med/Tall	Black	Purple	Tawny	Tan	3,045	3	5	4	SEG	-	-	1	-	-	-	8	-	-
NEW	CZ 4610GTLL	LibertyLink GT27	9 10 27	4.6	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	3,300	4	-	2	Includer	-	-	1	5	-	4	8	-	-
	CZ 4649LL	LibertyLink	10	4.8	IND	Tall	Buff	Purple	Gray	Tan	2,700	2	-	3	Excluder	-	4	3	-	4	4	8	-	1
NEW	CZ 4730X	Roundup Ready 2 Xtend	4 9	4.7	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	3,200	2	3	3	Excluder	Rps1c	3	1	-	5	4	6	-	1
NEW	CZ 4770X	Roundup Ready 2 Xtend	4 9	4.7	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	2,900	3	4	4	SEG	-	-	1	-	-	-	8	-	-
NEW	CZ 4810X	Roundup Ready 2 Xtend	4 9	4.8	IND	Tall	Imp. Black	Purple	Gray	Brown	2,800	2	5	3	SEG	Rps1c	4	1	-	4	4	2	-	-
	CZ 4820LL	LibertyLink	10	4.8	IND	Med/Tall	Black	White	Lt. Tawny	Brown	2,800	3	4	3	Includer	Rps1a	5	3	2	-	2	6	-	-
NEW	CZ 4869X	Roundup Ready 2 Xtend	4 9	4.8	IND	Med/Tall	Black	White	Lt. Tawny	Tan	3,600	4	5	3	SEG	Rps1a	-	1	-	-	4	8	-	-
	CZ 4918LL	LibertyLink	10	4.9	IND	Med/Tall	Black	Purple	Lt. Tawny	Brown	3,000	2	4	4	Includer	Rps1a	4	2	4	-	3	4	-	-
	CZ 4938LL	LibertyLink	10	4.9	IND	Tall	Imp. Black	Purple	Gray	Tan	3,000	4	3	3	Includer	Rps1k	4	2	4	5	-	7	-	-
NEW	CZ 4979X	Roundup Ready 2 Xtend	4 9	4.9	IND	Med/Tall	Imp. Black	Purple	Gray	Brown	3,400	4	5	4	SEG	Rps1a	-	1	-	-	-	6	-	-
NEW	CZ 5000X	Roundup Ready 2 Xtend	4 9	5.0	IND	Med/Tall	Black	Purple	Lt. Tawny	Tan	3,200	4	4	4	SEG	-	-	1	-	-	-	6	-	-
	CZ 5147LL	LibertyLink	10	5.1	DET	Med	Black	Purple	Tawny	Tan	3,100	1	1	1	SEG	-	-	1	1	3	-	5	-	-
	CZ 5150LL	LibertyLink	10	5.1	SEMI-DET	Med/Tall	Imp. Black	Purple	Gray	Tan	2,900	2	5	1	Includer	Rps1k	3	1	1	6	2	8	6	-
	CZ 5242LL	LibertyLink	10	5.2	SEMI-DET	Tall	Imp. Black	Purple	Gray	Tan	3,100	3	5	1	SEG	Rps1c	-	1	1	5	-	8	7	-
NEW	CZ 5299X	Roundup Ready 2 Xtend	4 9	5.2	IND	Med/Tall	Buff	White	Gray	Tan	3,400	4	5	4	SEG	-	4	1	-	-	-	8	-	1
NEW	CZ 5420X	Roundup Ready 2 Xtend	4 9	5.4	IND	Tall	Imp. Black	Purple	Gray	Tan	3,500	5	4	4	SEG	Rps1a	4	1	-	-	-	8	-	-
	CZ 5515LL	LibertyLink	10	5.5	IND	Tall	Brown	Purple	Lt. Tawny	Tan	3,050	3	6	3	SEG	Rps1a segregating	4	1	1	3	-	8	2	1
NEW	CZ 5700X	Roundup Ready 2 Xtend	4 9	5.7	DET	Medium	Black	White	Tawny	Tan	2,650	3	4	-	Includer	-	4	1	-	-	5	1	-	-
	CZ 5859LL	LibertyLink	10	5.8	DET	Med/Tall	Black	White	Tawny	Tan	2,500	2	-	3	SEG	-	3	1	-	4	5	5	-	-
NEW	CZ 6020X	Roundup Ready 2 Xtend	4 9	6.0	DET	Medium	Black	Purple	Tawny	Tan	3,580	2	3	4	Includer	-	4	1	-	-	4	1	-	-
	CZ 6109LL	LibertyLink	10	6.1	DET	Med/Avg	Black	White	Tawny	Tan	2,500	2	-	2	SEG	-	-	1	1	3	-	8	-	-
NEW	CZ 6260LL	LibertyLink	10	6.2	DET	Med/Tall	Black	White	Tawny	Tan	2,600	2	-	2	Excluder	-	3	4	-	-	-	8	2	-
	CZ 6515LL	LibertyLink	10	6.5	DET	Tall	Black	White	Tawny	Tan	3,050	2	8	1	Includer	-	-	1	1	4	-	3	-	-
NEW	CZ 6520LL	LibertyLink	10	6.5	DET	Med/Tall	Black	Purple	Tawny	Tan	2,700	2	-	4	Excluder	-	-	2	-	-	-	-	2	-
NEW	CZ 6730LL	LibertyLink	10	6.7	DET	Med/Tall	Brown	White	Tawny	Tan	3,100	2	-	6	-	-	-	2	2	-	-	8	2	-
NEW	CZ 6770X	Roundup Ready 2 Xtend	4 9	6.7	DET	Medium	Black	Purple	Tawny	Tan	3,190	2	4	3	Excluder	-	4	1	-	-	-	1	-	1
	CZ 7007LL	LibertyLink	10	7.0	DET	Med/Tall	Brown	Purple	Tawny	Tan	2,700	2	2	1	Excluder	-	-	1	1	3	-	8	2	1
NEW	CZ 7380X	Roundup Ready 2 Xtend	4 9	7.3	DET	Med/Tall	Black	Purple	Tawny	Tan	2,980	3	4	3	SEG	-	4	5	-	-	-	1	-	-
NEW	CZ 7570LL	LibertyLink	10	7.5	DET	Tall	Black	White	Tawny	Tan	2,800	2	-	2	Excluder	-	3	1	-	-	6	7	2	-

Group 4: Synthetic Auxins
Group 9: EPSP Synthase Inhibitor

Group 10: Glutamine Synthetase Inhibitor
Group 27: HPPD Inhibitors

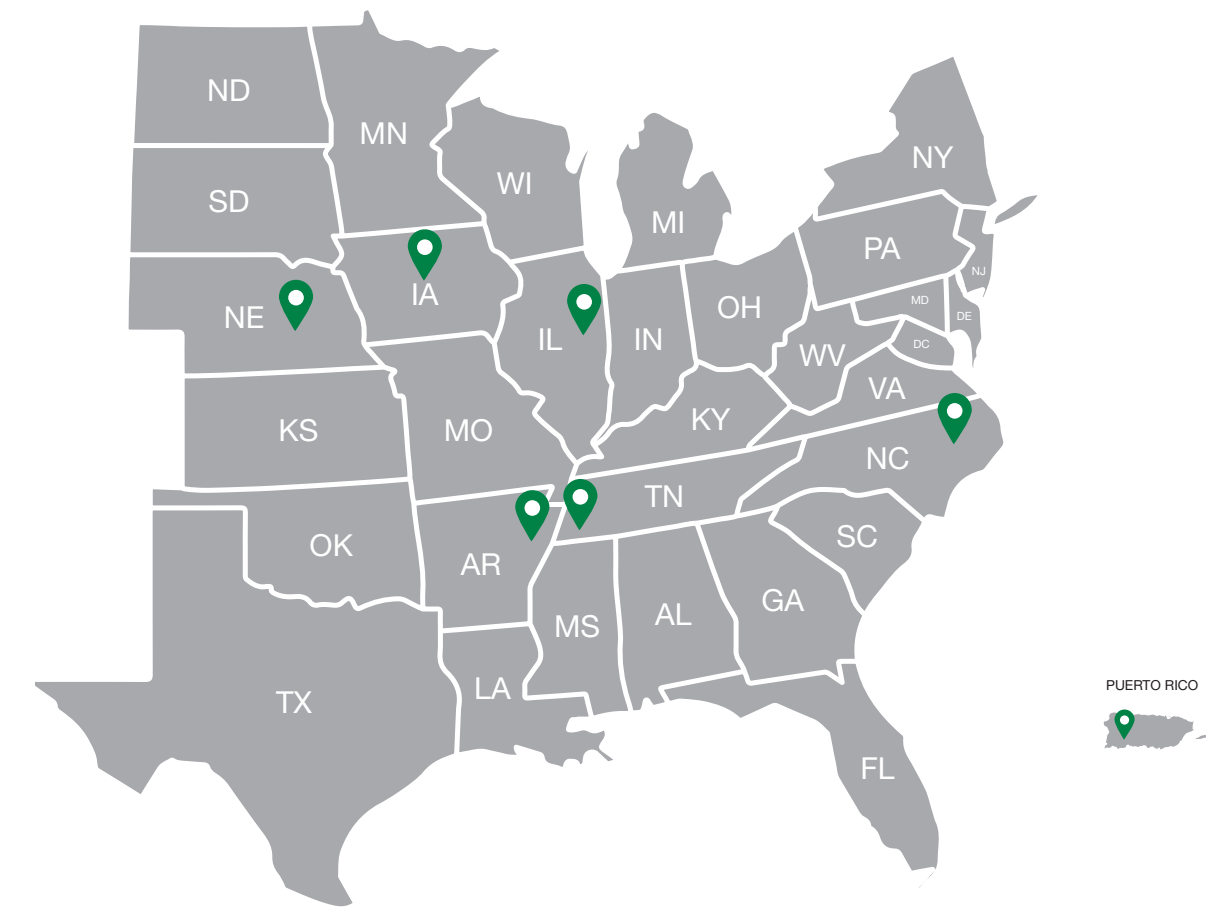
RATING SCALE: 1: Excellent 9: Poor – : Testing Underway

LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.

Credenz® Breeding Programs

Credenz delivers varieties that are right for your field

Our best-in-class soybean breeding program leverages a wide variety of techniques to build better Credenz soybeans through molecular-assisted breeding, computational biology, genetic modification, traditional breeding and field testing.



- MARION, AR**

Maturity Support: MG4 through early MG5
- NEVADA, IA**

Maturity Support: MG2 through MG3
- PIKEVILLE, NC**

Maturity Support: late MG5 through MG7
- MEMPHIS, TN**

Soybean Pathology Greenhouse and Lab
- BEAVER CROSSING, NE**

Maturity Support: mid-MG1 through early MG3
- CHAMPAIGN, IL**

Maturity Support: late MG2 through early MG4
- SABANA GRANDE, PUERTO RICO**

Trait Introgression

CZ 3929GTLL BRAND	RM 4.0	LIBERTYLINK G127
Key Characteristics		
Plant Height	TALL	
Standability	2	
Phytophthora Source	RPS1A	
Phytophthora PRR (FT)	3	
Soybean Cyst Nematode	3	
Frogeye Leaf Spot (Field Rating)	4	
Sudden Death Syndrome	4	
Stem Canker	2	

- Variety Strengths**
- Great performance North to South
 - Excellent disease package
 - Great yield potential across multiple environments

CZ 3930GTLL BRAND NEW	RM 3.9	LIBERTYLINK G127
Key Characteristics		
Plant Height	MED/TALL	
Standability	5	
Phytophthora Source	-	
Phytophthora PRR (FT)	5	
Soybean Cyst Nematode	4	
Frogeye Leaf Spot (Field Rating)	5	
Sudden Death Syndrome	-	

- Variety Strengths**
- Combination of yield potential and stress tolerance
 - Ability to move over multiple geographies

CZ 4105LL BRAND	RM 4.1	LIBERTYLINK
Key Characteristics		
Plant Height	MED/TALL	
Standability	1	
Phytophthora Source	RPS1A	
Phytophthora PRR (FT)	3	
Soybean Cyst Nematode	3	
Frogeye Leaf Spot (Field Rating)	1	
Sudden Death Syndrome	3	
Stem Canker	8	

- Variety Strengths**
- Consistent yielder and solid disease tolerance
 - Superior standability
 - Chloride excluder for an early MG4

CZ 4240GTLL BRAND NEW		RM 4.2	LIBERTYLINK G127
Key Characteristics			
Plant Height	MEDIUM		
Standability	2		
Phytophthora Source	HRPS1A		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	-		
Stem Canker	1		

Variety Strengths

- Excellent standability with STS tolerance
- FELS and stem canker resistance

CZ 4280X BRAND NEW		RM 4.2	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Standability	3		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	5		
Stem Canker	1		

Variety Strengths

- STS tolerance and stem canker resistance
- Moderate plant size with good standability

CZ 4410GTLL BRAND NEW		RM 4.4	LIBERTYLINK G127
Key Characteristics			
Plant Height	MEDIUM		
Standability	2		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	-		
Stem Canker	1		

Variety Strengths

- Performance on all soil types
- FELS, stem canker resistance with STS tolerance

CZ 4539GTLL BRAND		RM 4.5	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/AVG		
Pubescence	LT. TAWNY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Soybean Cyst Nematode	3		
Frogeye Leaf Spot (Field Rating)	2		
Sudden Death Syndrome	4		
Chloride Sensitivity	INCLUDED		
Stem Canker	3		

Variety Strengths

- Top-end yielder with great standability
- Moves well North for mid-MG4
- Good overall defensive package

CZ 4570X BRAND NEW		RM 4.5	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	4		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Attractive, bushy plant type
- Solid yield performance over multiple seasons

CZ 4600X BRAND NEW		RM 4.6	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	TAWNY		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	5		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Attractive tawny/tan with excellent standability
- Good performance with stem canker resistance

CZ 4610GTLL BRAND NEW		RM 4.6	LIBERTYLINK G127
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Soybean Cyst Nematode	4		
Frogeye Leaf Spot (Field Rating)	2		
Sudden Death Syndrome	-		
Chloride Sensitivity	INCLUDER		
Stem Canker	1		

Variety Strengths

- Tall variety for heavy clays and less productive soils
- FELS tolerance and stem canker resistance

CZ 4649LL BRAND		RM 4.8	LIBERTYLINK
Key Characteristics			
Plant Height	TALL		
Pubescence	GRAY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	-		
Chloride Sensitivity	EXCLUDER		
Stem Canker	3		

Variety Strengths

- Stem canker resistance
- Good standability

CZ 4730X BRAND NEW		RM 4.7	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	2		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	3		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	3		
Chloride Sensitivity	EXCLUDER		
Stem Canker	1		

Variety Strengths

- Excluder for fields with chloride issues
- Good FELS tolerance

CZ 4770X BRAND NEW		RM 4.7	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Good standability in beautiful light tawny/tan color
- Strong performance in Delta and East Coast

CZ 4810X BRAND NEW		RM 4.8	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	TALL		
Pubescence	GRAY		
Standability	2		
Phytophthora Source	RPS1C		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	5		
Chloride Sensitivity	SEG		
Stem Canker	1		
Root-Knot Nematode	2		

Variety Strengths

- Moderate resistance to RKN
- Excellent FELS and stem canker tolerance

CZ 4820LL BRAND		RM 4.8	LIBERTYLINK
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	3		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	5		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	4		
Chloride Sensitivity	INCLUDER		
Stem Canker	3		

Variety Strengths

- High-yielding late MG4 that responds well to management
- Stem canker and PRR protection for poorly drained soils
- Responds well to early planting on productive Delta soils

CZ 4869X BRAND NEW		RM 4.8	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	4		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	5		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Bushy plant type that forms a good canopy
- Consistent performer across all environments

CZ 4918LL BRAND		RM 4.9	LIBERTY LINK
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	2		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		
Chloride Sensitivity	INCLUDER		
Stem Canker	2		

Variety Strengths

- Consistent-yielding, late MG4
- Good standability and strong defensive package
- Broad adaptation across central and southern U.S.

CZ 4938LL BRAND		RM 4.9	LIBERTY LINK
Key Characteristics			
Plant Height	TALL		
Pubescence	GRAY		
Standability	4		
Phytophthora Source	RPS1K		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	3		
Chloride Sensitivity	INCLUDER		
Stem Canker	2		

Variety Strengths

- Taller, robust, aggressive plant type
- Exceptional on early planted clay soils
- Better at lower plant populations

CZ 4979X BRAND NEW		RM 4.9	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	GRAY		
Standability	4		
Phytophthora Source	RPS1A		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	5		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Stem canker resistance
- Strong, consistent performer over multiple seasons

CZ 5000X BRAND NEW		RM 5.0	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	LT. TAWNY		
Standability	4		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	4		
Sudden Death Syndrome	4		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Attractive tawny/tan
- Bushy plant type with excellent top-end yield

CZ 5147LL BRAND		RM 5.1	LIBERTY LINK
Key Characteristics			
Plant Height	MED		
Pubescence	TAWNY		
Standability	1		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	1		
Sudden Death Syndrome	1		
Chloride Sensitivity	SEG		
Stem Canker	1		

Variety Strengths

- Excellent SDS and FELS tolerance
- Stem canker resistant
- Exceptional performance in high-yield environments

CZ 5150LL BRAND	RM 5.1	LIBERTY LINK
Key Characteristics		
Plant Height	MED/TALL	
Pubescence	GRAY	
Standability	2	
Phytophthora Source	RPS1K	
Phytophthora PRR (FT)	3	
Frogeye Leaf Spot (Field Rating)	1	
Sudden Death Syndrome	5	
Chloride Sensitivity	INCLUDER	
Stem Canker	1	

Variety Strengths

- Excellent FELS tolerance
- Exceptional yield and standability
- Broadly adapted to soil type and planting date

CZ 5242LL BRAND	RM 5.2	LIBERTY LINK
Key Characteristics		
Plant Height	TALL	
Pubescence	GRAY	
Standability	3	
Phytophthora Source	RPS1C	
Phytophthora PRR (FT)	-	
Frogeye Leaf Spot (Field Rating)	1	
Sudden Death Syndrome	5	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Excellent for heavy soil and wide rows
- Best at 140K population or less

CZ 5299X BRAND NEW	RM 5.2	ROUNDUP READY 2 X TEND SOYBEANS
Key Characteristics		
Plant Height	MED/TALL	
Pubescence	GRAY	
Standability	4	
Phytophthora Source	-	
Phytophthora PRR (FT)	4	
Frogeye Leaf Spot (Field Rating)	4	
Sudden Death Syndrome	5	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Indeterminant early group 5
- STS tolerance and stem canker resistance

CZ 5420X BRAND NEW	RM 5.4	ROUNDUP READY 2 X TEND SOYBEANS
Key Characteristics		
Plant Height	TALL	
Pubescence	GRAY	
Standability	5	
Phytophthora Source	RPS1A	
Phytophthora PRR (FT)	4	
Frogeye Leaf Spot (Field Rating)	4	
Sudden Death Syndrome	4	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Indeterminant mid group 5
- Taller plant type with excellent yield performance

CZ 5515LL BRAND	RM 5.5	LIBERTY LINK
Key Characteristics		
Plant Height	TALL	
Pubescence	LT. TAWNY	
Standability	3	
Phytophthora Source	RPS1A SEGREGATING	
Phytophthora PRR (FT)	4	
Frogeye Leaf Spot (Field Rating)	3	
Sudden Death Syndrome	6	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Excellent STS variety for dryland fields
- Indeterminate MG5 for wide rows and 120K population or less

CZ 5700X BRAND NEW	RM 5.7	ROUNDUP READY 2 X TEND SOYBEANS
Key Characteristics		
Plant Height	MEDIUM	
Pubescence	TAWNY	
Standability	3	
Phytophthora Source	-	
Phytophthora PRR (FT)	4	
Frogeye Leaf Spot (Field Rating)	-	
Sudden Death Syndrome	4	
Chloride Sensitivity	INCLUDER	
Stem Canker	1	
Root-Knot Nematode	1	

Variety Strengths

- East Coast adapted
- RKN and stem canker resistance

CZ 5859LL BRAND	RM 5.8	LIBERTY LINK
Key Characteristics		
Plant Height	MED/TALL	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	3	
Frogeye Leaf Spot (Field Rating)	3	
Sudden Death Syndrome	-	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Excellent yield potential in a late MG5 determinant
- Stem canker resistance and a complete defensive package

CZ 6020X BRAND NEW	RM 6.0	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics		
Plant Height	MEDIUM	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	4	
Frogeye Leaf Spot (Field Rating)	4	
Sudden Death Syndrome	3	
Chloride Sensitivity	INCLUDER	
Stem Canker	1	
Root-Knot Nematode	1	

Variety Strengths

- Determinant early 6 RM for East Coast environment
- RKN and stem canker resistance

CZ 6109LL BRAND	RM 6.1	LIBERTY LINK
Key Characteristics		
Plant Height	MED/AVG	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	-	
Frogeye Leaf Spot (Field Rating)	2	
Sudden Death Syndrome	-	
Chloride Sensitivity	SEG	
Stem Canker	1	

Variety Strengths

- Consistent high yields in Mid-Atlantic trials over multiple years
- Attractive tawny/tan

CZ 6260LL BRAND NEW	RM 6.2	LIBERTY LINK
Key Characteristics		
Plant Height	MED/TALL	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	3	
Frogeye Leaf Spot (Field Rating)	2	
Sudden Death Syndrome	-	
Chloride Sensitivity	EXCLUDER	
Stem Canker	4	

Variety Strengths

- Flexible plant population with excellent standability
- Excluder with metribuzin tolerance

CZ 6515LL BRAND	RM 6.5	LIBERTY LINK
Key Characteristics		
Plant Height	TALL	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	-	
Frogeye Leaf Spot (Field Rating)	1	
Sudden Death Syndrome	8	
Chloride Sensitivity	INCLUDER	
Stem Canker	1	

Variety Strengths

- Big plant type for quick canopy
- Excellent for wide row spacing
- Attractive tawny/tan appearance

CZ 6520LL BRAND NEW	RM 6.5	LIBERTY LINK
Key Characteristics		
Plant Height	MED/TALL	
Pubescence	TAWNY	
Standability	2	
Phytophthora Source	-	
Phytophthora PRR (FT)	-	
Frogeye Leaf Spot (Field Rating)	4	
Sudden Death Syndrome	-	
Chloride Sensitivity	EXCLUDER	
Stem Canker	2	

Variety Strengths

- Attractive tawny/tan excluder with metribuzin tolerance
- Excellent standability for height

CZ 6730LL BRAND NEW		RM 6.7	LIBERTY LINK
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	TAWNY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	2		
Frogeye Leaf Spot (Field Rating)	6		
Sudden Death Syndrome	-		
Chloride Sensitivity	-		
Stem Canker	2		

Variety Strengths

- Broadly adapted across environments
- Metribuzin tolerant

CZ 6770X BRAND NEW		RM 6.7	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MEDIUM		
Pubescence	TAWNY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	4		
Chloride Sensitivity	EXCLUDER		
Stem Canker	1		
Root-Knot Nematode	1		

Variety Strengths

- Complete agronomic package with performance
- STS tolerance and excluder for high chloride soils

CZ 7007LL BRAND		RM 7.0	LIBERTY LINK
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	TAWNY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	-		
Frogeye Leaf Spot (Field Rating)	1		
Sudden Death Syndrome	2		
Chloride Sensitivity	EXCLUDER		
Stem Canker	1		

Variety Strengths

- Excellent stem canker tolerance
- Big canopy, excellent for wide rows
- STS soybean

CZ 7380X BRAND NEW		RM 7.3	ROUNDUP READY 2 XTEND SOYBEANS
Key Characteristics			
Plant Height	MED/TALL		
Pubescence	TAWNY		
Standability	3		
Phytophthora Source	-		
Phytophthora PRR (FT)	4		
Frogeye Leaf Spot (Field Rating)	3		
Sudden Death Syndrome	4		
Chloride Sensitivity	SEG		
Stem Canker	5		
Root-Knot Nematode	1		

Variety Strengths

- RKN resistance
- High yielder in an early group 7 RM

CZ 7570LL BRAND NEW		RM 7.5	LIBERTY LINK
Key Characteristics			
Plant Height	TALL		
Pubescence	TAWNY		
Standability	2		
Phytophthora Source	-		
Phytophthora PRR (FT)	3		
Frogeye Leaf Spot (Field Rating)	2		
Sudden Death Syndrome	-		
Chloride Sensitivity	EXCLUDER		
Stem Canker	1		

Variety Strengths

- Excellent stem canker and FELS with metribuzin tolerance
- Broadly adapted excluder



Seed Treatments

Early-season soybean protection to maximize yield potential

Seed treatments can protect and prepare your seeds for strong early-season growth and enhance their emergence. With the right seed treatment, soybeans may be less susceptible to costly pests such as insects, nematodes like soybean cyst nematode (SCN), and diseases like sudden death syndrome (SDS), *Rhizoctonia* seedling disease and more.

The use of soybean seed treatments like ILeVO®, Poncho®/VOTiVO® and Obvius® Plus has risen during the last several years as growers see how effective they can be in controlling early yield threats, resulting in a healthier, more vigorous crop.

Seed Treatments



The halo effect for higher yields

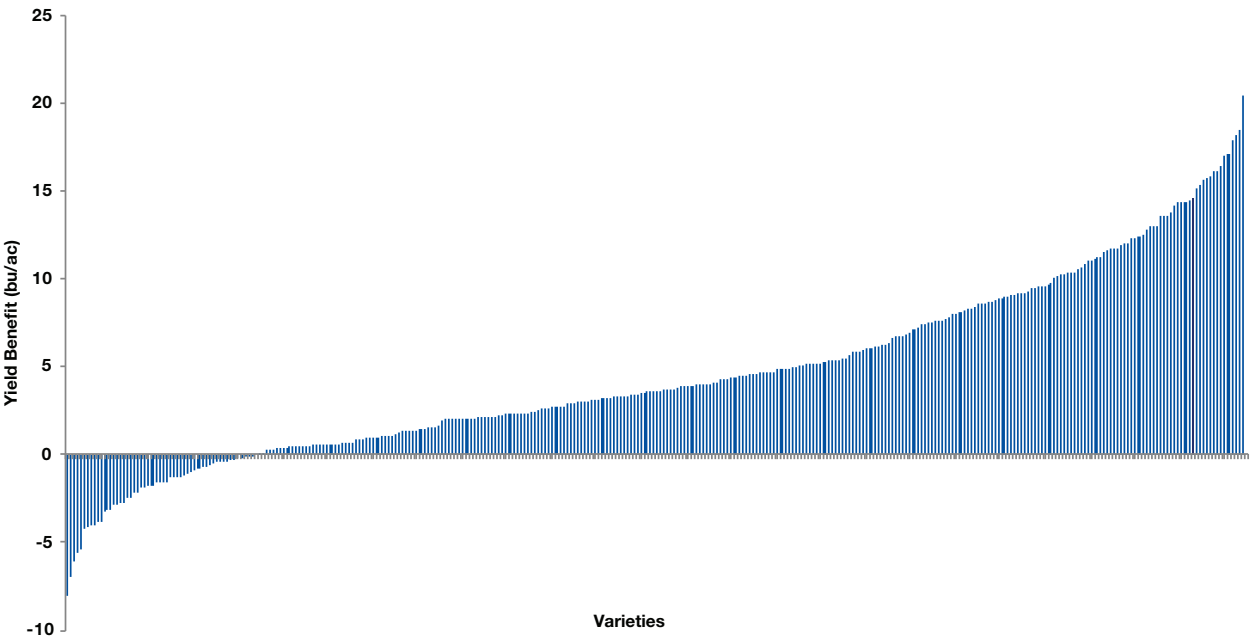
ILeVO seed treatment is the only product that offers effective protection against sudden death syndrome (SDS) and nematodes in the seed zone. It protects the soybean root system against the fungus causing SDS and against nematodes including soybean cyst nematode (SCN), root-knot nematode (RKN), reniform and root lesion in the seed zone.

In most instances, growers will see the “halo effect,” a visual confirmation that the ILeVO seed treatment is working to protect the plant. It’s a discoloration that appears on the edge of the cotyledons, appearing first as light green to yellow to brown as the seedling emerges. The discoloration is limited to the cotyledons and does not appear on the unifoliates or trifoliates.

The halo effect is an indication that the ILeVO seed treatment is being localized in the soybean root and seedling, where it’s needed for protection against the fungus causing SDS and for protection against nematodes.

In six years of testing with 337 comparisons, ILeVO seed treatment provided an average yield increase of 4.6 bu/A vs. fungicide/insecticide base with a positive yield response 84 percent of the time. The yield advantage can vary depending on nematode pressure and SDS incidence or severity, ranging from 2 to 10 bu/A on average.

2011-2017 ILeVO Yield Benefit



Addressing the threat of SDS and SCN

SDS continues to be a major issue in soybean-growing regions. Growers may not realize their field is infected until the end of the season when foliar symptoms appear. SDS attacks plants in two phases:

- Below ground: Initial infections of SDS occur on the roots and crowns of young soybean seedlings, resulting in *Fusarium* root rot that reduces root mass.
- Above ground: Later in the season, the fungus produces toxins that can cause visual symptoms as well as leaf drop and reduced pod fill.

Once present in a field, the fungus remains in the soil, even with crop rotations, and can be spread by soil movement to neighboring fields. To complicate matters, SDS may appear earlier and can be more severe in fields infested with SCN. SCN wreaks havoc by attacking and damaging plant roots and causes more yield loss in soybeans than any other pest.

- Nematodes can cause stunting, thin stands, chlorosis, root decay and other damage. However, symptoms of nematodes often cannot be seen or are confused with other problems.
- Once in a field, SCN cannot be eliminated, making it essential to actively manage this pest with multiple strategies.

The practice of growing SCN-resistant soybean varieties is considered to be the most effective tool for the management of SCN, but it is far from a complete solution. Combining resistant seed varieties with the right seed treatment is critical to help seedlings get the best possible start.

Sources: 2016 U.S. Summary – Soy Disease Loss Estimates. Dr. Carl Bradley.

Seed Treatments



Protecting more than seeds and roots

Poncho/VOTiVO seed treatment protects young plants from some of the most damaging pests during critical early development stages. This leads to healthier root and seedling development, so you can maximize stands, uniformity and vigor for higher yield potential.

Poncho provides broad-spectrum insect protection against early-season soybean aphids, over-wintering bean leaf beetles, seed-corn maggots and wireworms. The bacteria in VOTiVO creates a living barrier around the seed, which lives and grows with the roots for at least 60 days, protecting against multiple generations of nematodes.

Poncho/VOTiVO seed treatment protects the whole plant, above and below ground, so pests do not get the opportunity to strike.

In 561 soybean field trials conducted between 2010 and 2016 across a wide geography, Poncho/VOTiVO seed treatment resulted in an average yield advantage of 1.3 bu/A when compared with Gaucho®. From seed germination to plant establishment, Poncho/VOTiVO seed treatment secures a foundation for better yields.

Obvius® Plus

Fungicide Seed Treatment

Four ways to kick-start your season

Obvius Plus fungicide seed treatment brings a unique four-way protection package to deliver disease control and BASF Plant Health benefits throughout critical early plant development stages, helping soybean crops get successfully established earlier in the season.

Why is this important?

Early-planted soybeans capture more sunlight before the days get short. They grow more nodes and pods over their longer life cycle, which results in higher yields. But soybeans planted earlier face unique risks, including exposure to fungal infections while the soil's still damp and cool and the seedlings are fragile.

The four active ingredients in Obvius Plus fungicide seed treatment work together to provide powerful disease control and early-season stress tolerance, ensuring your crop has the protection it needs during early planting conditions and beyond. The package contains:

- Xemium® fungicide for long-lasting, systemic disease protection
- F500® fungicide for early-season stress tolerance and disease control
- Metalaxyl for protection from critical diseases in cool, damp soils
- Thiophanate-methyl for defense against seed decay





Crop Protection

Staying ahead of weeds and disease

Providing herbicides, fungicides and expert advice, BASF can help make sure you get the most out of every row and every acre. No matter what the season, you can tap into field-tested crop protection solutions, agronomic insights and customized recommendations to deal with your toughest challenges. So your soybean fields can reach their full potential.

Managing weeds like Palmer amaranth, waterhemp, marehail, kochia and ragweed with known resistance to certain technologies is one of the most difficult challenges growers face. Due to the magnitude of this challenge, growers need to have a well-planned herbicide program starting with the right herbicide trait for the upcoming season. When evaluating your herbicide-trait selection, take into consideration three tips:

- **Know your field**
to make note of what worked and what didn't in the previous crop year
- **Know your weeds**
to identify and determine if problematic weeds were missed or resistant to the chemical program used last season
- **Know your chemistries**
to ensure you're using multiple effective chemistries in a preemergence application with Zidua[®] PRO herbicide and a postemergence application with Liberty[®] herbicide or Engenia[®] herbicide

Disease prevention is the best protection

Stopping disease infestations like frog-eye leaf spot, target spot, *Septoria* brown spot, and pod and stem blight is critical to soybean plant health and performance. Priaxor[®] fungicide protects soybean plants all season long to maximize their yield potential.

Engenia[®]
Herbicide

Liberty[®]
Herbicide

Alite 27[®]
Herbicide

Zidua SC[®]
Herbicide

Zidua PRO[®]
Herbicide

Outlook[®]
Herbicide

Priaxor[®]
Xenium[®] Brand Fungicide

Herbicides

Engenia®

Herbicide

Engenia herbicide is the most flexible and advanced solution for your dicamba-tolerant soybeans, with proven performance against the toughest weeds.

- Effective on over 200 broadleaf weeds
- Up to two weeks residual performance
- Lowest use rate at 12.8 fl oz/A

Liberty®

Herbicide

Liberty herbicide provides superior weed control for soybeans. With a unique mode of action, Liberty herbicide allows growers to control weeds before they jeopardize yields.

- Broad-spectrum control of broadleaf weeds and grasses
- Excellent management of key weeds like Palmer amaranth, waterhemp, kochia, ragweed and marestail, including weeds that have become resistant to other herbicides
- No known resistance in U.S. broadacre crops
- Application flexibility and fewer restrictions for more convenience
- Unique, patented formulation that delivers more performance and more consistency

Alite™ 27

Herbicide

NOT CURRENTLY FOR SALE

Coming soon: the first HPPD herbicide for preemergent use in soybeans. Pending EPA approval, Alite 27 herbicide* will be part of the LibertyLink® GT27™ weed control system that’s designed around preemergent control, offering growers season-long weed control and increased yield potential.

Engenia Herbicide is a U.S. EPA Restricted Use Pesticide. Additional state restrictions may apply.

*The product described in this seed catalog is not registered nor available for sale. This catalog is provided for informational purposes only and is not intended to promote the sale of the product. Any sale of this product after registration, if obtained, shall be made solely on the basis of the EPA-approved product label, and any claims regarding product safety and efficacy shall be addressed solely by the label.

Zidua® SC

Herbicide

Zidua SC herbicide provides extended residual control of grasses and small seeded broadleaf weeds. It’s the only solo product of its kind, in a low-use rate, liquid formulation; up to 10 times lower use rate than competitors*.

- Contains a shoot growth inhibitor that controls susceptible germinating seedlings before or soon after they emerge
- Superior residual control of glyphosate- and PPO-resistant resistant Palmer amaranth and waterhemp; up to 10 percent better** and up to two weeks longer*** than other preemergence herbicides
- Pre- and postemergent flexibility for use on soybeans, corn, wheat and other labeled crops

Zidua® PRO

Herbicide

In one convenient jug, Zidua PRO herbicide gives soybean growers everything they need in a pre-herbicide solution. It delivers:

- A faster, more complete burndown than competitors
- Consistent, long-lasting and broad-spectrum residual control for tough weeds
- Convenient pre-mix formulation with no planting restrictions on most soils
- A unique combination of three chemistries for built-in resistance management

Outlook®

Herbicide

Outlook herbicide provides powerful, consistent control of grasses and small-seeded broadleaf weeds such as waterhemp, pigweed and nightshade, while delivering excellent crop safety.

- Reliable activation with as little as ¼ inch of rainfall
- Provides increased efficiency with a low use rate
- Excellent crop safety and application flexibility
- Readily washes off crop residue to where weeds germinate

*Based on current product label language for Zidua SC, Dual Magnum® and Warrant®
**Based on 10 trials in IL, IL, DE, KS, GA, KS, SC, GA, NE and TN comparing Zidua to Dual Magnum.
***Data from Coarse, Medium and Fine soil side-by-side locations. Zidua rates 2 oz product per acre. Dual II Magnum® rates 1–1.3 pints per acre.

BASF Plant Health

Priaxor®

Xemium® Brand Fungicide

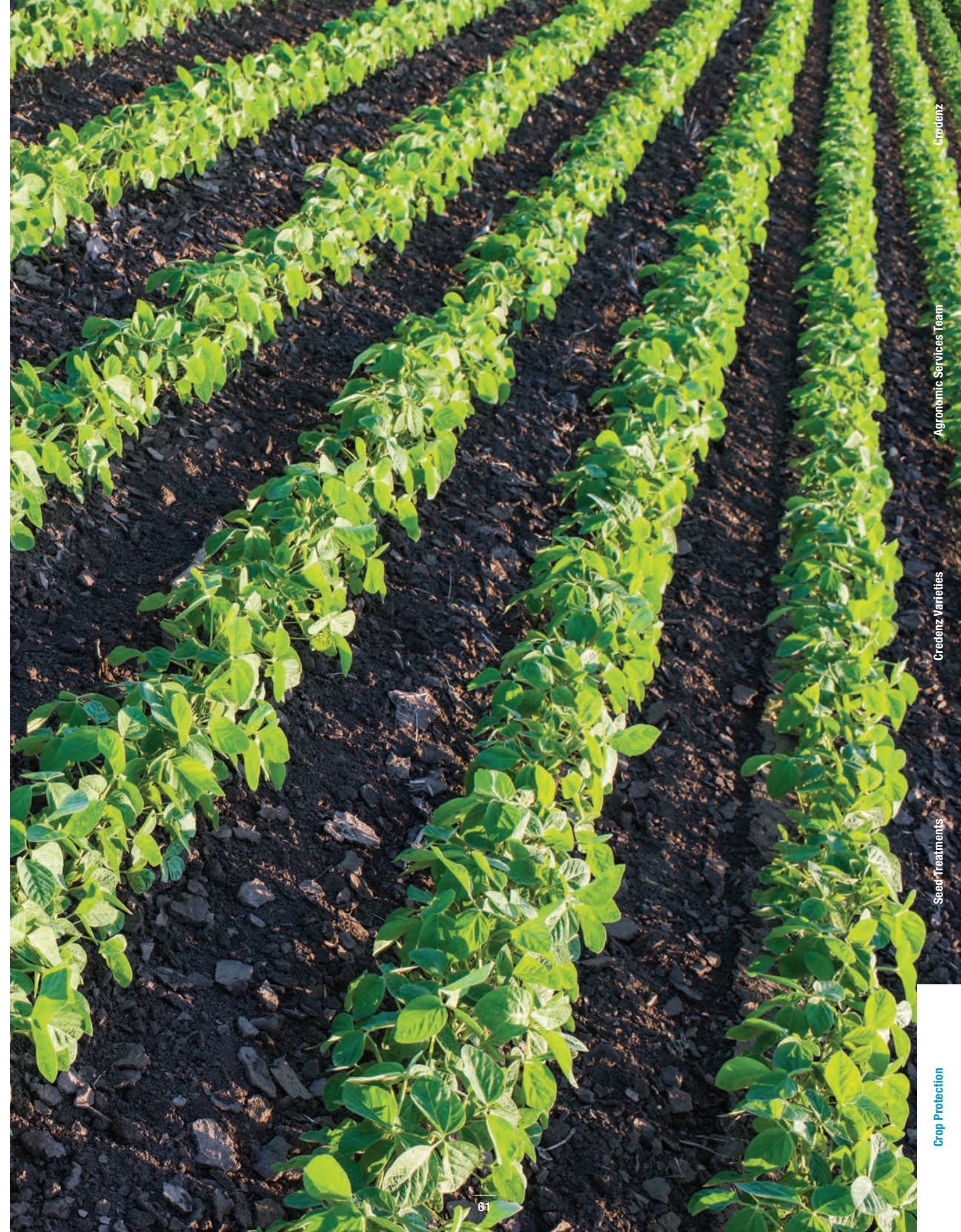
Priaxor fungicide delivers consistent performance via proven BASF Plant Health benefits including longer-lasting disease prevention and post-infection-disease control, stress tolerance and enhanced growth efficiency. It offers:

- Consistent positive yield protection for the highest ROI
- Decreased stress and increased photosynthesis for higher yields

Healthy plants deliver healthier yields

Every season has its challenges — periods of hot and dry, cool and wet, or even hail and wind. Regardless of what Mother Nature brings, BASF Plant Health products like Priaxor fungicide help ensure your crops are equipped to withstand the elements so they can focus on growing more efficiently. Every other fungicide stops at disease control, but BASF Plant Health products help minimize the stress caused by the most uncontrollable factors in your operation.

BASF Plant Health products are proven to help your crops grow more efficiently throughout the season. Optimized growth efficiency leads to extended grain and pod fill, ensuring you get as many bushels out of your crops as possible. Choose BASF Plant Health products to protect crops from whatever stresses may limit yield this season and maximize your yield potential.



Credenz

Agonomic Services Team

Credenz Varieties

Seed Treatments

Crop Protection



Notes

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Engenia Herbicide is a U.S. EPA Restricted Use Pesticide. Additional state restrictions may apply.
Liberty is not registered for use in all states.
Poncho/VOTIVO is not registered for use in all states.

Always read and follow label directions.

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