



Liberty herbicide is not registered for use in all states.
Poncho Votivo seed treatment is not registered for use in all states.
Alite 27 herbicide is a Restricted Use Pesticide.
LibertyLink GT27 soybean performance system is tolerant to Alite 27 herbicide, an HPPD herbicide. Other HPPD herbicides are not for use with LibertyLink GT27 soybean performance system and may result in significant crop injury. Alite 27 herbicide is only available for use in labeled counties.

Always read and follow label directions.
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2022



SOYBEAN SEED VARIETY QUICK GUIDE



CREDIBILITY ISN'T JUST A PART OF OUR NAME. IT'S OUR COMMITMENT.

When you plant Credenz soybean seed, you get more than a soybean variety bred to minimize local weed, pest and disease pressures. We rigorously test our Credenz soybean seed varieties—for precision and quality across the full lineup -- to help you meet the agronomic challenges of your field. We continue to prove our varieties through high-yielding performance. You can be confident in your seed and trait decision when you plant a Credenz variety.

Agronomic Expertise

- Experienced teams of BASF Agronomic Solutions Advisors, Agronomists and Authorized Retailers bring guidance and local support to your operation
- Providing in-depth insights on seed, traits, seed treatment and crop protection
- Dedicated to delivering better production and performance on every soybean acre
- On-farm planning utilizing the latest digital tools and agronomic insights to ensure your crop reaches its full potential from seed to bin

Research and Development

- Trait Development
 - Delivering GM and non-GM trait solutions to meet evolving farmer needs globally
 - Deriving quality data utilizing screening technologies from different genetic backgrounds and environments to enable timely commercialization
- Breeding Stations
 - Five state-of-the-art soybean breeding facilities and testing network across North America to ensure varietal adaptability locally
 - Develop and apply new breeding approaches and technologies to increase genetic gain more rapidly
 - Development of superior varieties with top yield potential, defensive characteristics, improved agronomics, and traits of value such as herbicide and insect genes
- Pathology
 - Greenhouse assays and field disease trials evaluating all the major soybean pathogens to ensure complete characterization of commercial lines increasing variety positioning and placement confidence
 - Supports breeding in molecular marker development and resistance mapping

Continuous Innovation

- Industry-leading soybean trait pipeline with stacked herbicide traits
- The most robust soybean crop protection pipeline in the industry
- Excellent germplasm and market-leading trait packages designed to deliver varieties that fit your needs

Peace of Mind

- Extensive data on each variety developed from testing in a wide variety of conditions
- 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
- Liberty Herbicide and Engenia Herbicide Weed Control Guarantee programs*

Proven Portfolio

- A national lineup of high-performing soybean seed varieties enabling you to plant multiple varieties on your farm to maximize your ROI
- Leading seed treatment options that enhance emergence and early vigor
- Complete selection of top-of-the-line crop protection solutions

Interactive Tools

- Grow Smart Live connects you with timely agronomic updates from your BASF Agronomics Solutions Advisors and Technical Development Managers.
- Grow Smart Advantage calculates the estimated value of a farmer's crop protection investment.
- xarvio® Digital Farming Solutions offers digital solutions for monitoring soil and crop conditions, assisting with disease and pest recognition, and recommending treatments based on in-field conditions

*See full program terms and conditions at your-libertyherbicide.com



2022 Varieties

PRODUCT BRAND	Herbicide-Tolerant Trait Name	Herbicide Group Tolerance	Relative Maturity	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	Sclerotinia White Mold	Soybean Cyst Nematode	Iron Deficiency Chlorosis
CZ 0419GTLL	LibertyLink® GT27™	9 10 27	0.4	Med/Avg	Black	Purple	Lt. Tawny	Brown	2800	3	4	4	SEG	Rps1c	4	3	5	3	R3,MR14	4
CZ 0661GTLL	LibertyLink GT27	9 10 27	0.6	Medium	Brown	Purple	Lt. Tawny	Tan	2600	3	-	-	SEG	Rps1k	3	1	1	5	-	3
CZ 1171GTLL	LibertyLink GT27	9 10 27	1.1	Med/Tall	Black	Purple	Lt. Tawny	Brown	2700	4	3	-	Includer	Rps1c	3	1	1	4	R3,MR14	4
CZ 1331GTLL	LibertyLink GT27	9 10 27	1.3	Medium	Brown	Purple	Lt. Tawny	Tan	2350	2	5	-	SEG	Rps1k	4	1	1	2	R3,MR14	3
CZ 1660GTLL	LibertyLink GT27	9 10 27	1.6	Medium	Brown	Purple	Lt. Tawny	Tan	2350	1	4	4	SEG	Rps1k	4	2	3	2	R3,MR14	2
CZ 1859GTLL	LibertyLink GT27	9 10 27	1.8	Medium	Black	Purple	Lt. Tawny	Tan	2400	1	3	4	Includer	Rps1k	4	3	3	3	R3,MR14	4
CZ 2040GTLL	LibertyLink GT27	9 10 27	2.0	Med/Tall	Brown	White	Lt. Tawny	Brown	2550	3	4	4	SEG	Rps1a	3	2	5	2	R3,MR14	3
CZ 2121GTLL	LibertyLink GT27	9 10 27	2.1	Med/Avg	Black	Purple	Lt. Tawny	Tan	2450	3	3	4	SEG	NG	3	1	1	3	R3,MR14	3
CZ 2360GTLL	LibertyLink GT27	9 10 27	2.3	Med/Tall	Black	Purple	Lt. Tawny	Tan	2650	3	5	3	SEG	Rps1k	3	2	5	3	R3,MR14	3
CZ 2550GTLL	LibertyLink GT27	9 10 27	2.5	Med/Avg	Black	Purple	Lt. Tawny	Brown	2650	3	3	4	Includer	Rps1a	3	2	5	4	R3,MR14	4
CZ 2760GTLL	LibertyLink GT27	9 10 27	2.7	Med/Tall	Brown	Purple	Lt. Tawny	Tan	2700	3	3	4	SEG	Rps1a Segregating	3	2	3	5	R3,MR14	5
CZ 3099GTLL	LibertyLink GT27	9 10 27	3.1	Tall	Black	Purple	Lt. Tawny	Tan	2150	3	2	5	SEG	Rps1k	4	3	3	4	R3,MR14	2
CZ 3309GTLL	LibertyLink GT27	9 10 27	3.4	Tall	Black	Purple	Lt. Tawny	Brown	2500	2	4	4	SEG	Rps1a	4	3	3	4	R3,MR14	5
CZ 3750GTLL	LibertyLink GT27	9 10 27	3.7	Med/Tall	Brown	Purple	Lt. Tawny	Brown	2600	3	4	2	SEG	Rps1a Segregating	3	2	5	-	R3,MR14	4
CZ 3930GTLL	LibertyLink GT27	9 10 27	3.9	Tall	Black	Purple	Lt. Tawny	Tan	2600	5	3	2	SEG	Rps1a	4	2	5	5	R3,MR14	5
CZ 4241GTLL	LibertyLink GT27	9 10 27	4.2	Med/Tall	Brown	White	Lt. Tawny	Tan	2500	3	3	3	Includer	NG	4	1	-	-	R3,MR14	6
CZ 4701GTLL	LibertyLink GT27	9 10 27	4.7	Med/Avg	Brown	Purple	Lt. Tawny	Brown	3100	3	3	6	Excluder	NG	4	1	1	-	R3,MR14	-

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

NG: No Gene