



2020

PRODUCT GUIDE

ENLIST E3™ SOYBEANS

LIBERTYLINK® GT27™

PROVEN PERFORMANCE

Greetings!

Cornelius Seed is excited to announce Cornelius Seed will be the distributor of the P3™ Genetics soybean brand in Iowa, Wisconsin and Illinois.

P3 Genetics is a brand owned by M.S. Technologies, L.L.C. who is a privately-owned company leading the way in trait, technology and soybean genetics. The P3 Genetics brand portfolio will include Enlist E3™ and LibertyLink® GT27™ soybeans.

KEY POINTS

The P3 Genetics brand name comes from the tagline “The Power of Proven Performance” which incorporates the brand’s three P’s:

- » **POWER** of elite genetics.
- » **PROVEN** through Cornelius Seed’s extensive testing.
- » **PERFORMANCE** right here in Cornelius Country.

From the grower’s viewpoint, the only difference will be a P3 Genetics variety number and logo on the bag. The Cornelius Seed team remains responsible for:

- » Selecting the products for the P3 lineup through the same rigorous selection process which has always been in place.
- » Producing, conditioning, treating and packaging the seed to the same above-industry standards that have built our company’s reputation for product excellence.

From the Cornelius Seed viewpoint, this distribution arrangement is beneficial for the following reasons:

- » Provides products at a more profitable price point to the grower.
- » Allows us access to some of the best soybean genetics in the Enlist E3™ and LibertyLink® GT27™ platforms.
- » Allows us to gain access to some products we may not have otherwise had.
- » P3 Genetics come from multiple breeding programs.
- » Cornelius Seed will choose the products that fit our growers (from hundreds of product options) utilizing our own selection system.
- » Cornelius Seed has developed strict quality testing protocols.

As an independent company, Cornelius Seed has an opportunity to give growers a real advantage in the marketplace! We continue to look for new opportunities to help our customers be more successful and profitable.

If you have questions, please reach out to your DSM or give the office a call.

Plant it. Profit.

Will Cornelius

Soybean Lead

SOYBEAN NOMENCLATURE

*All P3 Genetics™ products utilize the following naming convention:
2020-year release of a 2.1 RM Enlist soybean*

Release Year	Maturity	Trait	
20	2.1	E	(E = Enlist E3 and B = LLGT27)

The Enlist™ System - Get Control of Tough Weeds



- New 2,4-D Choline
- Glyphosate
- Glufosinate

Following burndown, Enlist Duo® and Enlist One® with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3™ soybeans.



- Convenient blend of 2,4-D choline and glyphosate
- Two modes of action to deliver control and help prevent resistance in your fields



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Ability to tank-mix with glufosinate and other qualified herbicides, customizing the ratio of herbicides to match each farm's needs

On-Target Applications

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester

LIBERTYLINK®

GT27™

PERFORMANCE: High-yielding, elite genetics for maximum yield potential

- LibertyLink® GT27™ varieties have shown 2-4+ bushels average yield advantage over leading commercial soybean trait systems*.

* yield advantage expressed as average of all LibertyLink GT27 varieties vs. average yield of commercial check varieties in 2017 replicated yield trials

- LibertyLink® GT27™ soybeans are available in a full range of top yielding varieties within maturity groups 0-4.
- LibertyLink® GT27™ technology is available in new elite genetics from proven germplasm for confidence in yield performance across environments.

LEARN MORE AT LibertyLinkGT27soybeans.com

8-9 = Excellent 7 = Very Good 6 = Good 5 = Average 3-4 = Below Average 1-2 = Poor

NOTES

2018E

1.8 RM



NEW!

Emergence	8
Standability	9
Stress Tol.	7
Sudden Death	7

- » Great yielding early option
- » Excellent standability and BSR resistant
- » Medium height

1920E

2.0 RM



Emergence	8
Standability	8
Stress Tol.	8
Sudden Death	6

- » Excellent IDC tolerance
- » Impressive defensive characteristics
- » Use caution on fields with high SDS pressure

2021E

2.1 RM



NEW!

Emergence	8
Standability	7
Stress Tol.	8
Sudden Death	8

- » Solid performing line at 2.0 RM
- » Stacked PRR tolerance and excellent on SDS and BSR
- » Moves south well

2023E

2.3 RM



NEW!

Emergence	8
Standability	8
Stress Tol.	8
Sudden Death	7

- » Broad acre adaptability
- » Excellent agronomics
- » BSR resistant with very good SDS and PRR scores

1924E

2.4 RM



Emergence	8
Standability	8
Stress Tol.	8
Sudden Death	8

- » Best yielding new release from 2019
- » Excellent standability and stress tolerance
- » An all-around, go anywhere type of soybean

1928E

2.8 RM



Emergence	8
Standability	8
Stress Tol.	8
Sudden Death	7

- » Excellent agronomics across the board
- » Widely adaptable
- » Consistent performer over multiple years

8-9 = Excellent 7 = Very Good 6 = Good 5 = Average 3-4 = Below Average 1-2 = Poor

NOTES

2022B 2.2 RM LIBERTYLINK GT27 NEW!	Emergence	8	» Dominant yield performance in northern Iowa » Excellent on PRR and very good against SDS and IDC » Improved yield over CB22G29
	Standability	7	
	Stress Tol.	8	
	Sudden Death	7	

2025B 2.5 RM LIBERTYLINK GT27 NEW!	Emergence	8	» Awesome yield potential » Tall soybean with excellent standability » Broad acre adaptability
	Standability	8	
	Stress Tol.	8	
	Sudden Death	7	

2028B 2.8 RM LIBERTYLINK GT27 NEW!	Emergence	8	» Top yielder in its RM group » Excellent stress, BSR and PRR tolerance » A significant improvement over CB29G25
	Standability	7	
	Stress Tol.	8	
	Sudden Death	7	

2033B 3.3 RM LIBERTYLINK GT27 NEW!	Emergence	8	» Consistent top yields with great agronomics » A "hidden gem" with multiple years of data » A solid all around soybean
	Standability	8	
	Stress Tol.	8	
	Sudden Death	7	

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



LibertyLink® GT27™ soybeans offer triple stack tolerance to Liberty, glyphosate, and, pending EPA approval, the first HPPD based herbicide for soybeans. LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.



Always read and follow label directions. Liberty and LibertyLink are registered trademarks of BASF. GT27 is a trademark of MS Technologies and BASF. MS Technologies is a trademark of M.S. Technologies, L.L.C. ©2018 BASF Corporation / M.S. Technologies, L.L.C. All Rights Reserved. APN 18-INT-0014

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein www.corteva.us/Resources/trait-stewardship.html.

To plant Enlist seed, you must have a limited license from Dow AgroSciences LLC (or other appropriate affiliates). In consideration of the foregoing, Dow AgroSciences grants to the grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use: Enlist™ products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D™ technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

WARNING: Enlist products are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. **Accidental application of incompatible herbicides to this variety could result in total crop loss.** When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist products.

Enlist E3™ soybean seeds containing the Enlist™ trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3™ soybeans. Additional information and limitations on the use

of these products are provided in the Dow AgroSciences Technology Use Agreement and Enlist™ Soybean Product Use Guide. U.S. patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Dow AgroSciences is a member of Excellence Through Stewardship® (ETS). Dow AgroSciences products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold 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. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.

The transgenic soybean event in the Enlist E3™ soybean was jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C.

™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

P3™ is a trademark of M.S. Technologies, L.L.C. West Point, IA

SEED USE RESTRICTION AGREEMENT



This Seed Use Restriction Agreement (the "Agreement") applies to all users ("User(s)") of the seed ("Seed") contained in this package. If you purchase the Seed, you agree that you and any person or entity, including employees, representatives, contractors and agents thereof, who plant, grow, cultivate or otherwise use the Seed, will abide by these use restrictions. If you open or cause any person or entity to open a package of Seed, you agree that you accept the terms of this Agreement, and you, your employees, representatives, contractors and agents will abide by these use restrictions.

SEED USE AGREEMENT

M.S. TECHNOLOGIES, L.L.C. ("MS TECH") and its suppliers are engaged in the business of developing and supplying for sale various varieties and/or hybrids of Seed. MS TECH and its suppliers have a substantial investment in the development and production of this seed, and in the use of subsequent production of Seed. MS TECH and its suppliers have expended substantial effort in developing a market for seed. MS TECH and its suppliers have existing contractual relationships with other distributors for the sale of seed and expectations of additional contracts for sale of seed from such distributors in the future. The purchase of the Seed includes a limited license under the U.S. patents on the package and seed tag to produce a single crop.

Variety	Technology	New	RM	Emergence	Standability	Stress Tolerance	Sudden Death Syndrome	Iron Chlorosis	Phytophthora	Phytophthora Gene	Brown Stem Rot	White Mold	Soybean Cyst Nematode Gene	Plant Height	Plant Type	Row Widths
2018E	Enlist	NEW	1.8	8	9	7	7	7	7	-	9	7	PI88788	Medium	Intermediate	All
1920E	Enlist		2.0	8	8	8	6	8	7	1c	9	7	PI88788	Medium	Intermediate	All
2021E	Enlist	NEW	2.1	8	7	8	8	7	8	3a+1c	9	7	PI88788	Med. Tall	Intermediate	All
2023E	Enlist	NEW	2.3	8	8	8	7	7	7	-	9	6	PI88788	Med. Tall	Intermediate	All
1924E	Enlist		2.4	8	8	8	8	8	8	1k	9	7	PI88788	Med. Tall	Intermediate	All
1928E	Enlist		2.8	8	8	8	7	7	8	1k	9	-	PI88788	Med. Tall	Intermediate Bush	All
2029E	Enlist	NEW	2.9	8	9	8	7	7	8	-	9	-	PI88788	Med. Tall	Intermediate Bush	All
2031E	Enlist	NEW	3.1	8	8	8	7	8	7	1k	9	-	PI88788	Med. Tall	Bush	All
2034E	Enlist	NEW	3.4	8	8	8	7	6	8	-	9	-	PI88788	Med. Tall	Intermediate	All
2036E	Enlist	NEW	3.6	7	9	7	7	6	6	-	6	-	PI88788	Med. Tall	Intermediate Bush	All
2039E	Enlist	NEW	3.9	8	7	8	8	7	7	-	6	-	PI88788	Med. Tall	Intermediate	All
1920B	LLGT27		2.0	9	8	8	8	7	8	-	6	7	PI88788	Med. Tall	Intermediate	All
2022B	LLGT27	NEW	2.2	8	7	8	7	7	8	-	5	6	PI88788	Med. Tall	Intermediate	All
2025B	LLGT27	NEW	2.5	8	8	8	7	5	8	-	9	-	PI88788	Tall	Intermediate	All
2028B	LLGT27	NEW	2.8	8	7	8	7	5	8	-	9	-	PI88788	Med. Tall	Intermediate	All
2033B	LLGT27	NEW	3.3	8	8	8	7	8	7	-	9	-	PI88788	Med. Tall	Intermediate	All

LLGT27 = LibertyLink® GT27™ Enlist = Enlist E3™ Soybeans

SOYBEAN TRAIT HERBICIDE RESISTANCE GUIDE		HERBICIDE EXAMPLE			
		Glyphosate	Glufosinate	Dicamba	2-4D
	LibertyLink® GT27™	X	X		
	Enlist E3™ soybeans	X	X		X
		Roundup®	Liberty®	XtendiMax® Engenia® FeXapan®	Enlist Duo® Enlist One™

In consideration of the foregoing, and in consideration of the Seed that User has been sold or otherwise granted the right to use, User hereby acknowledges and agrees that the production from the Seed will be used only for feed or processing, and will not be used or sold for seed, breeding, or any variety or hybrid improvement purposes unless User has a valid agreement with MS TECH for such purposes. User acknowledges MS TECH and its suppliers have a proprietary interest in the use of subsequent production from the Seed, and agrees it would be a violation of this Agreement to allow the subsequent production of the Seed to be used to create any seed variety or seed product from said production. Any export of this Seed or its progeny from the country of purchase is strictly prohibited, except that forage or grain may be exported solely for use in feeding or processing.

User agrees and acknowledges that any use of the Seed, which is forbidden by this Agreement will constitute a misappropriation of the personal property of MS TECH and its suppliers and will therefore result in a breach of this Agreement. User agrees that MS TECH and/or its suppliers may bring an action to recover damages as a result of the breach of this Agreement, along with reasonable attorney fees and costs associated with any action commenced in regard thereto. User further agrees that the exclusive venue for any dispute arising under this Agreement or in connection to any breach thereof shall be in the federal or state courts for Dallas County, Iowa, and hereby irrevocably consents to the personal jurisdiction of such courts. This Agreement shall be governed under the laws of the State of Iowa.

User agrees and acknowledges that any use of the Seed, which is forbidden by this Agreement, will damage MS TECH and its suppliers' legitimate expectation of future sales of seed, and any use of Seed in violation of this Agreement will constitute an attempt to intentionally injure or destroy MS TECH and its suppliers' prospective business expectations in future sales of seed.

User agrees and acknowledges that any use of Seed from MS TECH in violation of this Agreement will cause substantial damage to MS TECH and/or its suppliers, and that if subsequent production of the Seed is used to create a seed variety or seed product, substantial damage to MS TECH and/or its suppliers for all seed varieties or seed products thereby created will be caused. This Agreement shall not limit any other rights, legal or equitable, that MS TECH and its suppliers have but shall be accumulative.

User agrees to only use agricultural herbicide that are expressly labeled for use in conjunction with the Seed and have received government approvals as specified in a product use guide.

NOTICE OF REQUIRED ARBITRATION

Under the seed laws of several states arbitration, mediation or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed to produce as represented. The consumer shall file a complaint along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner, or Chief Agricultural Officer within such time as to

permit inspection of the crops, plants or trees by the designated agency and the seller from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute.

OTHER TERMS & CONDITIONS

For sale in the U.S. only. MS TECH assumes no responsibility for MS TECH's supplier's, distributor's or dealer's verbal and/or written claims, promises, warranties or actions which are contrary to MS TECH's normal operating policies. USER must notify MS TECH within fourteen (14) days of becoming aware of alleged issues regarding the quality or performance of the Seed.

LIMITATION OF WARRANTIES & DAMAGES

MS TECH warrants, to the extent of the purchase price and to the extent that the packaging and label have not been compromised, that the Seed is as described on the package and on the tag attached thereto within recognized tolerances. MS TECH gives no other WARRANTY, expressed or implied, of MERCHANTABILITY or FITNESS of the Seed for any particular purpose, nor any warranty against loss due to any cause, including environmental conditions, soil conditions, chemicals or farming practices, or the response of the Seed to any such conditions. MS TECH shall not be liable for incidental or consequential damages, including loss of profits. MS TECH'S LIABILITY for damages for any cause, including breach of contract, breach of warranty, and negligence, with respect to the sale of seed is LIMITED to the purchase price of the Seed. THIS REMEDY IS EXCLUSIVE. BY ACCEPTANCE OF THIS SEED OR OPENING THIS PACKAGE, USER ACCEPTS THE TERMS HEREIN. IF USER DOES NOT AGREE WITH THESE TERMS AND CONDITIONS, USER MUST RETURN THE ORIGINAL UNOPENED SEED PACKAGE TO MS TECH WITHIN TWENTY DAYS OF RECEIPT AND USER'S SOLE REMEDY SHALL BE FOR REFUND OF THE USER'S ORIGINAL PURCHASE PRICE. MS TECH may modify and amend the terms and conditions of this Agreement without notice and in its sole discretion.

MS TECH has utilized standard industry isolation and purity procedures in the production of seed products. Because of contamination factors beyond MS TECH's control, MS TECH cannot warrant or represent that MS TECH seed products are free of other genetically modified organisms.

Words and phrases herein shall be construed as in the singular or plural number, according to the context.

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P3 GENETICS IS A BRAND OF
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