



**THE POWER OF
PROVEN PERFORMANCE.**

2020 SOYBEAN PRODUCT GUIDE

P3™ GENETICS IS A BRAND OF M.S. TECHNOLOGIES, L.L.C.

NEW NAME. SAME PROMISE.



With P3™ Genetics you get the hard-working products your farm needs backed by the Peterson Farms Seed promise you know and trust:

**“WE WILL SELL NO SEED WE WOULDN’T BE
HAPPY TO PLANT ON OUR OWN FARM.”**

So while the name may be new, the commitment to quality and performance is not.

SOYBEAN

Varieties



The new P3™ Genetics with Enlist E3™ soybean technology brings exceptional weed control and application flexibility.

With tolerance to 2,4-D choline, glyphosate and glufosinate, Enlist E3 soybeans are a proven weed control option for your operation.

NEW

2002E E3

- Very good IDC rating.
- Sister line to 1902E.
- Versatile bean that works on any soil type.

MATURITY
0.2
EARLY GROUP 0



NEW

2003E E3

- Full SCN variety.
- Works well in and outside the valley.
- Be careful to watch your placement in salty ground with this bean.

MATURITY
0.3
EARLY GROUP 0



NEW

2005E E3

- A very complete, well-rounded soybean.
- SCN, Rps3a, IDC, Brown Stem Rot and YIELD!
- Good choice if you want an earlier bean as it can compete with the higher maturity.

MATURITY
0.5
MID GROUP 0



NEW

1906E E3

- Full SCN resistance and Rps3a gene.
- Quick growing plant with great early vigor.
- Make sure to watch placement to avoid salty ground.

MATURITY
0.6
MID GROUP 0



NEW

1907E E3

- Good IDC rating.
- Rps3a gene that can handle stress.
- Non-SCN so watch placement.

MATURITY
0.7
LATE GROUP 0



NEW

1910E E3

- This bean features excellent emergence.
- Great SCN and Brown Stem Rot resistance.
- Yield continues to impress year after year.

MATURITY
1.0
EARLY GROUP 1



1911E E3

MATURITY
1.1
EARLY GROUP 1

- Good IDC tolerance.
- Great SCN and Brown Stem Rot resistance.
- Replaces your favorite L-11 LibertyLink variety.



NEW

2013E E3

MATURITY
1.3
EARLY GROUP 1

- Highest yielding mid-group 1 variety.
- Nice bushy plant structure.
- Good Phytophthora field tolerance.



NEW

2015E E3

MATURITY
1.5
MID GROUP 1

- Top-end IDC tolerance.
- Our replacement bean for 1914EN.
- Grab early - we have limited availability for 2020.



NEW

2018E E3

MATURITY
1.8
LATE GROUP 1

- Steady performance across locations in 2018.
- Excellent standability.
- Good SDS & SCN ratings.



1920E E3

MATURITY
2.0
EARLY GROUP 2

- One of the highest IDC ratings in our lineup.
- Outstanding yield potential.
- Good Phytophthora field tolerance.



NEW

2021E E3

MATURITY
2.1
EARLY GROUP 2

- Full SCN and very good SDS protection.
- Average IDC tolerance.
- Good disease package with Rps3a+1c and BSR resistance.



NEW

2023E E3

MATURITY

2.3

EARLY GROUP 2

- This bean boasts the best yield in our test plots!
- Good on IDC, SDS, and BSR.
- Replaces 19EN24.



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.

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

ENLIST E3™ SOYBEAN CHARACTERISTICS

ENLIST E3 SOYBEANS

	Brand	Trait Package	Maturity	Characteristics							
				Emergence*	Phytophthora Gene	Phytophthora Field Tolerance*	IDC*	SCN	Lodging*	Plant Type	Plant Height
Early Group 0	2002E	Enlist E3	0.2	8.0	Rps3a	8.0	7.7	S	7.2	Intermediate	Med
	2003E	Enlist E3	0.3	7.9	NG	6.2	6.5	R	7.1	Intermediate	Med
Mid Group 0	2005E	Enlist E3	0.5	8.1	Rps3a	7.5	8.0	R	6.9	Bushy	Med
	1906E	Enlist E3	0.6	8.0	Rps3a	7.9	6.5	R	7.0	Bushy	Med
Late Group 0	1907E	Enlist E3	0.7	7.6	Rps3a	8.0	7.9	S	7.6	Intermediate	Med
Early Group 1	1910E	Enlist E3	1.0	7.8	NG	7.6	6.4	R	7.2	Intermediate	Med
	1911E	Enlist E3	1.1	7.5	NG	7.1	7.4	R	7.4	Intermediate	Med-Tall
	2013E	Enlist E3	1.3	8.0	Rps1c	7.2	7.0	R	6.9	Bushy	Med-Tall
Mid Group 1	2015E	Enlist E3	1.5	7.7	Rps1c+H1k	6.7	7.8	R	7.3	Intermediate	Med-Tall
Late Group 1	2018E	Enlist E3	1.8	7.6	NG	7.2	7.0	R	8.0	Intermediate	Med
Early Group 2	1920E	Enlist E3	2.0	7.4	Rps1c	7.5	8.0	R	7.4	Intermediate	Med
	2021E	Enlist E3	2.1	7.9	Rps3a+1c	8.0	6.5	R	7.4	Intermediate	Med-Tall
	2023E	Enlist E3	2.3	7.8	Rps3a+1c	7.9	7.0	R	7.5	Intermediate	Med

*Scale of 1-9 with 1 being poor, 9 being excellent

KEY TO OUR ENLIST E3 SOYBEAN NAMING SYSTEM



Seeds containing the Enlist 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.

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.biotradesstatus.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.

™ Trademarks of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or their respective owners. The Enlist™ weed control system is owned and developed by Dow AgroSciences LLC. Enlist E3 soybeans were jointly developed by Dow AgroSciences and MS Technologies. Enlist Duo and Enlist One herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One herbicides are the only 2,4-D products authorized for use in Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

SOYBEAN

Varieties

LIBERTYLINK[®]
GT27[™]

The LibertyLink[®] GT27[™] system from P3[™] Genetics combines elite genetics with a trait stack tolerant to both glyphosate and Liberty.

Powerful performance at its best.

1904B LLGT27

MATURITY

0.4

MID GROUP 0

- Our earliest LLGT27 variety.
- Great early season emergence and vigor.
- Good LLGT27 replacement for 17X04N and 13R03.

LIBERTYLINK
G127

1905B LLGT27

MATURITY

0.5

MID GROUP 0

- Nice bushy plant type.
- Good IDC tolerance.
- Excellent 2017-18 performance in our replicated trials.

LIBERTYLINK
G127

NEW

2006B LLGT27

MATURITY

0.6

MID GROUP 0

- New line with SCN.
- Do not place where IDC is needed.
- LLGT27 gives you that nice option to spray Glyphosate or Glufosinate.

LIBERTYLINK
G127

NEW

2008B LLGT27

MATURITY

0.8

LATE GROUP 0

- Great SCN and IDC ratings.
- Can handle tough and heavy ground.
- Good replacement for L07-16N.

LIBERTYLINK
G127

1911B LLGT27

MATURITY

1.1

EARLY GROUP 1

- Branchy bean that canopies quickly.
- Good IDC tolerance.
- Proven performance in both 2017 and 2018 trials.

LIBERTYLINK
G127

NEW

2013B LLGT27

MATURITY

1.3

EARLY GROUP 1

- An improvement on IDC for the maturity.
- Very good Phytophthora field tolerance.
- A great 1914B replacement.

LIBERTYLINK
G127

LLGT27 SOYBEANS

NEW

2017B LLGT27

MATURITY

1.7

LATE GROUP 1

- Nice package of SCN and Phytophthora resistance.
- Moderate IDC rating, so watch placement on hot ground.
- Good companion to 1918B.

LIBERTYLINK
GL27

MATURITY

1.8

LATE GROUP 1

1918B LLGT27

- Great IDC, Brown Stem Rot, and full SCN ratings.
- Excellent standability and harvest notes from 2018.
- This bean with prove to be the go-to bean in the late 1.0 group.

LIBERTYLINK
GL27

1920B LLGT27

MATURITY

2.0

EARLY GROUP 2

- Yields with our above-2.0 maturity beans.
- A great replacement for L21-16N.
- Keep off of your IDC prone soils.

LIBERTYLINK
GL27

NEW

2022B LLGT27

MATURITY

2.2

EARLY GROUP 2

- Great IDC, SCN and SDS ratings give this bean everything you need!
- Great variety for southwest Minnesota and South Dakota.
- Good Phytophthora field tolerance.

LIBERTYLINK
GL27

LLGT27 SOYBEANS





P3™ GENETICS

LIBERTYLINK® GT27™ SOYBEAN CHARACTERISTICS

		Characteristics									
	Brand	Trait Package	Maturity	Emergence*	Phytophthora Gene	Phytophthora Field Tolerance*	IDC*	SCN	Lodging*	Plant Type	Plant Height
Mid Group 0	1904B	LLGT27	0.4	7.4	Rps1c	7.3	6.4	S	7.5	Intermediate	Med-Tall
	1905B	LLGT27	0.5	7.5	Rps1c	7.0	7.0	S	7.0	Bushy	Med
	2006B	LLGT27	0.6	7.5	Rps1c	6.0	6.0	R	7.2	Intermediate	Med
Late Group 0	2008B	LLGT27	0.8	7.7	Rps3a	7.2	7.5	R	7.0	Bushy	Med-Tall
Early Group 1	1911B	LLGT27	1.1	7.2	NG	7.0	7.5	S	7.4	Intermediate	Med-Tall
	2013B	LLGT27	1.3	7.5	Rps1k	7.3	7.0	R	7.0	Intermediate	Med-Tall
Late Group 1	2017B	LLGT27	1.7	7.4	Rps1k	7.2	6.3	R	7.6	Bushy	Med
	1918B	LLGT27	1.8	7.3	Rps1c	7.4	7.6	R	7.7	Bushy	Med
Early Group 2	1920B	LLGT27	2.0	7.4	NG	7.2	7.0	R	7.5	Intermediate	Med-Tall
	2022B	LLGT27	2.2	7.0	NG	7.6	7.0	R	7.1	Intermediate	Med-Tall

LLGT27 SOYBEANS

*Scale of 1-9 with 1 being poor, 9 being excellent

KEY TO OUR LLGT27 SOYBEAN NAMING SYSTEM



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 M.S. Technologies, L.L.C. 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

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