INTRODUCING P3<sup>TH</sup> GENETICS I DISTRIBUTED BY PETERSON FARMS SEED



2020 SOYBEAN PRODUCT GUIDE

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

# NEW NAME. SAME PROMISE.



With P3<sup>™</sup> 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.

# SOMBEAN Varieties

## Enlist E3

The new P3<sup>™</sup> Genetics with Enlist E3<sup>™</sup> 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.



### NEW

## **2003E** E3



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



MATURITY

MID GROUP O

6

MATURITY

EARLY GROUP O

## 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.



**EnlistE**3



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



MATURITY

EARLY GROUP 1

Enlist E<sub>3</sub>

## **1907E** E3

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



**Enlist E**3



- Great SCN and Brown Stem Rot
- Great SCN and Brown Stem Rot resistance.
- Yield continues to impress year after year.



## **1911E** E3

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



Enlist E<sub>3</sub>

### NEW

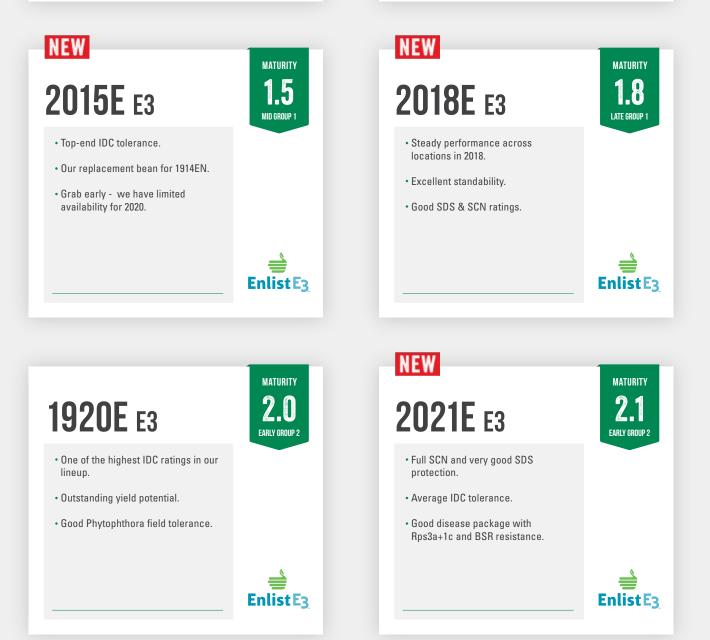
## **2013E** E3

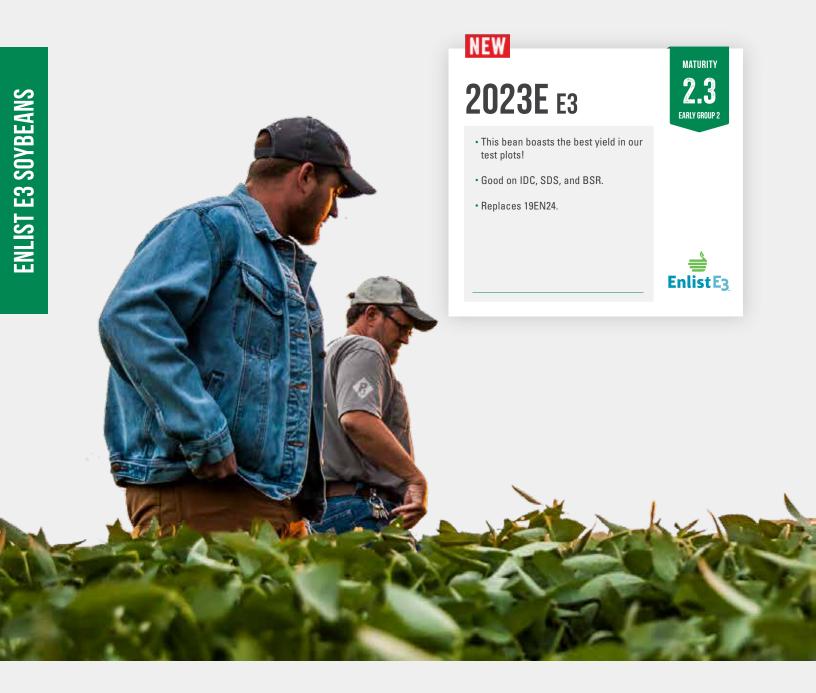
- Highest yielding mid-group 1 variety.
- Nice bushy plant structure.
- Good Phytophthora field tolerance.



**EnlistE**3

MATURITY





SEED USE RESTRICTION AGREEMENT This Seed Use Restriction 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.

Sector 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 inlined license under the U.S. patients on the package and seed tag to produce is an ingle cron.

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, preading, 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 actorney 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 in connection to any breach thereof shall be in the federal or states courts for Dalas County, lowa, and hereby irrevocably consents to the personal jurisdiction of such ourst. This Agreement shall be over the laws of the State of lowa.

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 NU ILC UP RELIDITED AND INATION 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 certeed mail or as otherwise provided by state statute.

OTHER TERMS & CONDITIONS For sale in the U.S. only, MS TECH assumes or 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 LIMITATION OF WARHANTIES & DAMAGES MS TECH variants, 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, soli conditions, chemicals or farming practees, to the response of the Seed to any particular purpose, nor any warranty against loss due to any cause, including breach of contract, breach of Warranty, and negligence, with environmental conditions, soli conditions, chemicals or farming practees, to as described the Seed to any particular process, nor any warranty against loss due to any cause, including breach of contract, breach of warranty, and negligence, with the Seed is LIMITED to the purchase price of the Seed. THIS REMEDY IS EXCLUSIVE, BY ACCEPTANCE OF THIS SEED ON OPENING THIS PACKAGE, USER ACCEPTS THE FLAMS HEREIN, IF USER DOES NOT AGREE WITH THESE TERMS SAND CONDITIONS, USER MUST REFUNAT LB EFOR REFUNATE PRICES AND CONDITIONS, USER MUST REFUNATE AND USER'S SOLICE AND USER'S SOLICE AND USER'S CONDER NOT AGREE WITH THESE TERMS AND CONDITIONS, USER MUST REFUNATE AND USER'S CONDER NOT AGREE WITH THESE TERMS AND CONDITIONS, USER MUST REFERENT HARD SERVERS ON REFUNATE AND USER'S SOLICE AND USER'S

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. © 2019 M.S. TECHNOLOGIES, LLC.

# P3.

### **P3™ GENETICS** ENLIST E3™ SOYBEAN CHARACTERISTICS

-					Characteristics							
	Brand	Trait Package	Maturity	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 O	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	

### **KEY TO OUR ENLIST E3 SOYBEAN NAMING SYSTEM**

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

Trait Code Trait Code ENLIST

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.cortex-us/Resources/trait-stewardshoth). To plant Enlists zeed, you must have a limited license from Dow AgroSciences 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 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<sup>™</sup> 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<sup>™</sup> 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<sup>TM</sup> soybean seeds containing the Enlist<sup>TM</sup> trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3<sup>TM</sup> soybeans. Additional information and limitations on the use of these products are provided in the Dow AgroSciences Technology Use Agreement and Enlist<sup>TM</sup> 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 an 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<sup>TM</sup> soybean was jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, LL.C. (1) 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.

<sup>TM®</sup> Trademarks of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or their respective owners. The Enlist<sup>TM</sup> weed control system is owned and developed by Dow AgroSciences LLC. Enlist Sa soybeans were jointly developed by Dow AgroSciences and MS Technologies. Enlist Due 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 Due and Enlist One herbicides are the only 2,4-D products authorized for use in Enlist reps. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

# ONBEAN Johnsteines

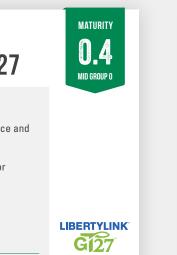


The LibertyLink<sup>®</sup> GT27<sup>™</sup> system from P3<sup>™</sup> Genetics combines elite genetics with a trait stack tolerant to both glyphosate and Liberty.

Powerful performance at its best.

## **1904B** LLGT27

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



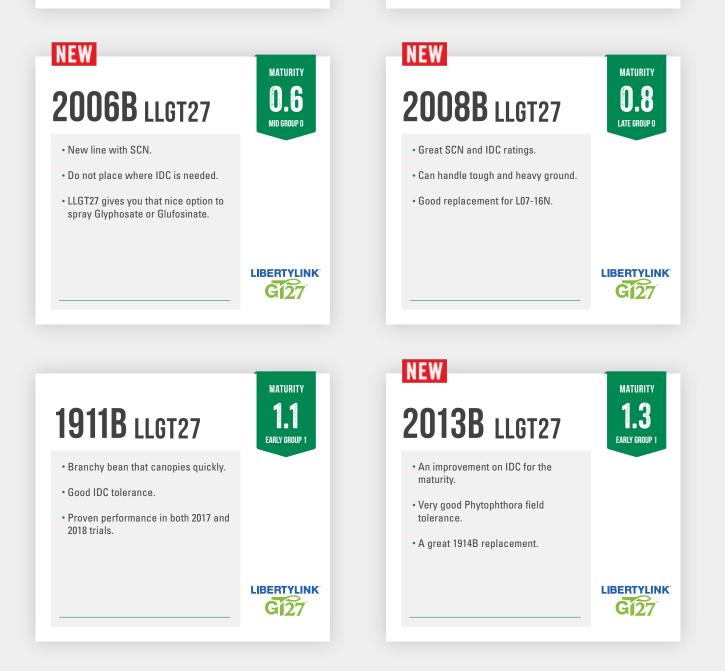
## **1905B** LLGT27

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



MATURITY

MID GROUP O



### NEW

## 2017B LLGT27

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



## **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.



MATURITY

2.2

EARLY GROUP 2

MATURITY

1.8

LATE GROUP 1

## **1920B** LLGT27

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



LIBERTYLINK<sup>®</sup>

**GI**27



### NEW

## 2022B LLGT27

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



# P3 states

### **P3™ GENETICS** LIBERTYLINK® GT27™ SOYBEAN CHARACTERISTICS

				Characteristics							
	Brand	Trait Package	Maturity	Emergence*	Phy tophthora 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

### **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<sup>M</sup> 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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\*Scale of 1-9 with 1 being poor, 9 being excellent

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