

2024

# PRODUCT GUIDE

SOYBEANS



## SOYBEANS

Enlist E3<sup>®</sup> Soybean varieties offer the most advanced trait technology available in soybeans. As the standard for control and performance, Enlist<sup>®</sup> traits enable more options in one complete, easy to use system. Enlist E3<sup>®</sup> soybeans contain traits that provide a triple-stacked tolerance to glyphosate, 2,4-D choline, and glufosinate, offering growers simultaneous modes of action for outstanding weed control with reduced application restrictions and risks. You can spray Enlist<sup>®</sup> varieties with confidence and peace of mind knowing the E3<sup>®</sup> platform is stable, effective, and responsible.

## NUMBERING SYSTEM

# AE 2110

UUU  
Brand Trait Relative  
Stack Maturity  
(2.1)

APEX BRAND	VARIETY DETAILS SORTED BY RELATIVE MATURITY			PLANT CHARACTERISTICS								PLANT HEALTH								AGRONOMIC CHARACTERISTICS		POSITIONING & ADAPTABILITY					APEX BRAND	
	HERBICIDE TOLERANCE	PAGE	RELATIVE MATURITY	FLOWER COLOR	PUBESCENCE	POD COLOR	HILUM COLOR	PLANT HEIGHT	PLANT TYPE	ESTIMATED SEED SIZE	SUDDEN DEATH SYNDROME	SOYBEAN CYST NEMATODE TOLERANCE	SOYBEAN CYST NEMATODE MARKER	PHYTOPHTHORA ROOT ROT GENE RESISTANCE	PHYTOPHTHORA ROOT ROT TOLERANCE	IRON DEFICIENCY CHLOROSIS	BROWN STEM ROT	WHITE MOLD	STEM CANKER	FROG EYE	EMERGENCE	STANDABILITY	LIGHT SOIL	HEAVY SOIL	ROW WIDTH	STRESS TOLERANCE		YIELD SCORE FOR MATURITY
AE 1010	Enlist	4	1.0	Purple	Gray	Brown	Gray	M	iB	2,500	3	R	PI 88.788	NG	4	4	R	3	R	-	5	4	4	4	ALL	4	5	AE 1010
AE 1220	Enlist	4	1.2	Purple	Gray	Tan	Imperfect Black	MT	i	2,800	4	R	PI 88.788	Rps 1c	4	3.5	S	3	R	-	5	4	4	4	ALL	4	5	AE 1220
AE 1520	Enlist	5	1.5	Purple	Gray	Tan	Buff	M	i	2,800	4	R	PI 88.788	Rps 3a	4.5	3.5	R	3.5	R	-	4	4.5	4	5	ALL	4	5	AE 1520
AE 1710	Enlist	5	1.7	Purple	Gray	Brown	Imperfect Black	M	i	2,600	3.5	R	PI 88.788	Rps 1k	4	4	MR	4	R	-	5	4	4	5	ALL	4	4	AE 1710
AE 1720	Enlist	6	1.7	Purple	Gray	Tan	Buff	M	i	2,800	4	R	PI 88.788	Rps 3a	4.5	4	MR	3	R	-	5	3	5	4	ALL	5	5	AE 1720
AE 1930	Enlist	6	1.9	Purple	Lt Tawny	Brown	Black	MT	i	2,600	4	R	PI 88.788	Rps 1k	4	4	S	3.5	R	-	5	4	5	5	ALL	5	5	AE 1930
AE 2110	Enlist	7	2.1	Purple	Gray	Brown	Imperfect Black	M	i	2,550	4	R	PI 88.788	Rps 1k	4	3	R	4	R	-	4	4	4	4	ALL	4	4	AE 2110
AE 2140 <b>NEW</b>	Enlist	7	2.1	Purple	Gray	Brown	Buff	MT	i	2,700	3	R	PI 88.788	Rps 1a3a	4.5	4	R	4	R	-	4	4	4	4	ALL	4.5	4.5	AE 2140 <b>NEW</b>
AE 2330	Enlist	8	2.3	White	Gray	Tan	Buff	MT	i	2,600	3.5	R	PI 88.788	Rps 1c	4	3.5	S	3.5	R	3	4.5	4	5	5	ALL	4	5	AE 2330
AE 2440 <b>NEW</b>	Enlist	8	2.4	White	Gray	Brown	Buff	M	i	2,700	3.5	R	PI 88.788	Rps 1k	4	3.5	R	3	R	-	4	4	4	4	ALL	4	5	AE 2440 <b>NEW</b>
AE 2630	Enlist	9	2.6	Purple	Gray	Tan	Imperfect Black	M	i	2,800	3.5	R	PI 88.788	Rps 1k	4	3	R	3	R	-	4	4	5	5	ALL	4	5	AE 2630
AE 3131S	Enlist	9	3.1	Purple	Gray	Brown	Imperfect Black	MT	i	2,600	3.5	R	PI 88.788	Rps 1c	4	3	S	3	R	3	4	4	5	5	ALL	4	5	AE 3131S
AE 3340 <b>NEW</b>	Enlist	10	3.3	Purple	Gray	Tan	Imperfect Black	M	iB	2,800	4	R	Peking	NG	4.5	3	R	-	R	3	4	4	5	4	ALL	4.5	5	AE 3340 <b>NEW</b>
AE 3610	Enlist	10	3.6	Purple	Gray	Tan	Imperfect Black	MT	B	2,700	3.5	R	PI 88.788	Rps 1k	4	4	R	3	R	3	4	4	4	4	ALL	4.5	4	AE 3610
AE 3720S	Enlist	11	3.7	Purple	Lt Tawny	Brown	Black	MT	i	2,800	4.5	R	PI 88.788	Rps 1k	4	3	R	3	R	3.5	4	4	4	4	ALL	5	5	AE 3720S
AE 3920	Enlist	11	3.9	White	Lt Tawny	Tan	Brown	MT	i	2,500	3	R	PI 88.788	Rps 1k	4	4	S	3	R	4	5	4	4	4	ALL	5	5	AE 3920

**SOYBEAN TRAIT DESCRIPTIONS**

Enlist E3<sup>®</sup> Soybeans (Enlist) – 2,4-D choline, glufosinate, and glyphosate herbicide tolerance

**SOYBEAN CHARACTERISTICS CHART KEY**

**Plant Height**

S = Short  
MS = Medium Short  
M = Medium  
MT = Medium Tall  
T = Tall

**Plant Type**

T = Thin  
Ti = Thin-Intermediate  
i = Intermediate  
iB = Intermediate-Bush  
B = Bush

**Phytophthora Field Tolerance (PFT)**

5 = High Tolerance  
3 – 4 = Acceptable Tolerance  
1 – 2 = Low Tolerance

**PGR - Phytophthora Root Rot Gene Resistance**

Rps 1a = Resistant to races 1-2, 10-13, 15-19  
Rps 1c = Resistant to races 1-3, 6-11, 13, 15, 17, 21, 23, 24  
Rps 1k = Resistant to races 1-11, 13-15, 17-18, 21, 22  
Rps 3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25  
NG = No specific gene  
Ha, Hc, and Hk = Heterozygous for specific gene

**Resistance Scale**

R = Resistant  
MR = Moderate Resistance  
S = Susceptible

**Soybean Cyst Nematode (SCN Tolerance)**

P = Peking  
R = Resistant  
S = Susceptible

**Rating Scale**

5 = Excellent/Resistant  
4 = Very Good  
3 = Average/Moderate Resistance  
2 = Below Average  
1 = Poor/Highly Susceptible

All ratings presented are from past performance and do not ensure future results.

# AE 1010

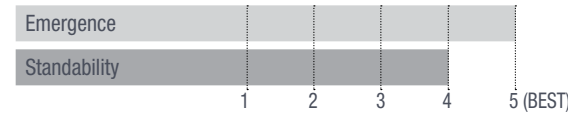
1.0 RM



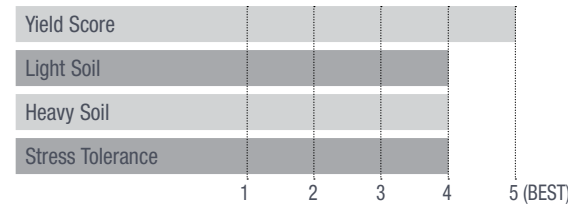
## EXCITING PERFORMANCE AT 1.0 RM

- BSR resistant
- Excluder gene offers chloride tolerance
- Very good IDC & PRR tolerance
- Medium plant with very good standability

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	Clear Lake	MN	AE 1010	54.8	6	62
FIRST	SDNE Summary	SD	AE 1010	62.1	13	72

\*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. is implied.

# AE 1220

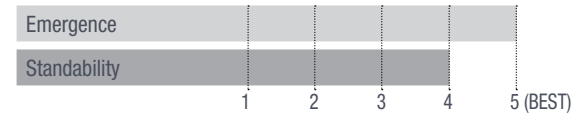
1.2 RM



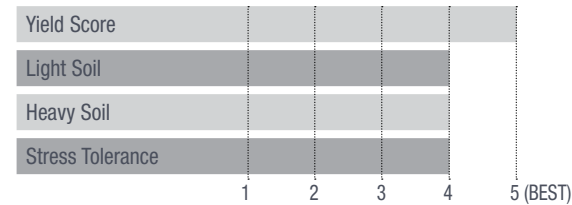
## COMPLETE SOYBEAN PACKAGE WITH HIGH PERFORMANCE

- Top IDC performance with excluder gene
- Top SDS rating in early maturity
- Strong stress tolerance
- Good Charcoal Root Rot tolerance

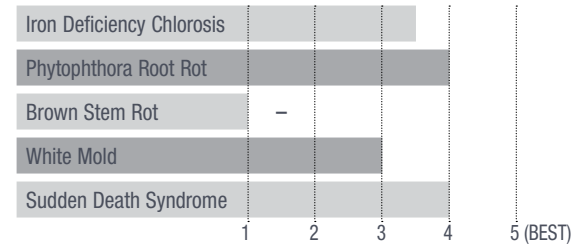
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	Wendell	MN	AE 1220	55.8	2	54
FIRST	Watertown	SD	AE 1220	65.9	3	54
FIRST	SDNE Summary	SD	AE 1220	61.0	3	54
FIRST	MNCE Summary	MN	AE 1220	57.5	6	54
FIRST	MNSC Summary	MN	AE 1220	68.2	3	36

\*Performance results from trials conducted in 2021-2022. No product recommendation by F.I.R.S.T. is implied.

# AE 1520

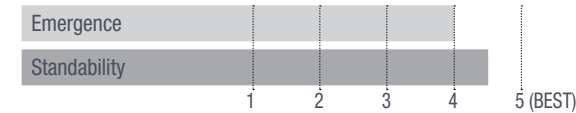
1.5 RM



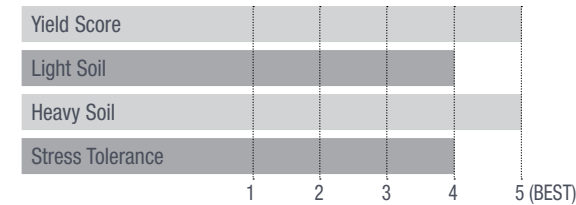
## TOP PERFORMER WITH EXCEPTIONAL AGRONOMICS

- Good IDC soybean for tough acres
- Next level SDS tolerance
- Large footprint across the north, south, east, & west
- Above average White Mold rating

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	Wendell	MN	AE 1520	55.8	2	54
FIRST	Watertown	SD	AE 1520	65.9	3	54
FIRST	SDNE Summary	SD	AE 1520	61.0	3	54
FIRST	MNCE Summary	MN	AE 1520	57.5	6	54
FIRST	MNSC Summary	MN	AE 1520	68.2	3	36

\*Performance results from trials conducted in 2021-2022. No product recommendation by F.I.R.S.T. is implied.

# AE 1710

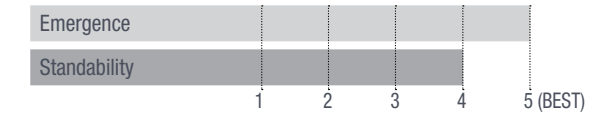
1.7 RM



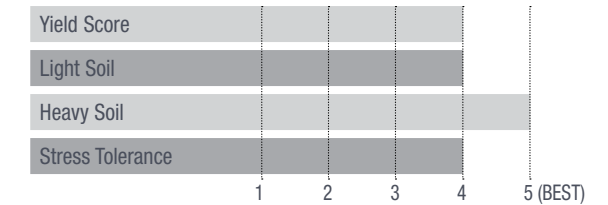
## HIGH YIELDING PERFORMER THAT MOVES SOUTH WELL

- Rps 1k gene
- PI 88.788 SCN protection
- Very good IDC & White Mold ratings
- Above average SDS rating

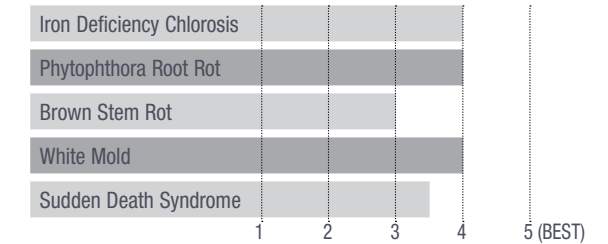
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	Salem	SD	AE 1710	70.5	1	63
FIRST	SDEC Summary	SD	AE 1710	65.8	3	63
FIRST	Colton	SD	AE 1710	69.4	4	63
FIRST	Lamberton	MN	AE 1710	71.5	6	48
FIRST	Lester Prairie	MN	AE 1710	51.3	7	48

\*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. is implied.

# AE 1720

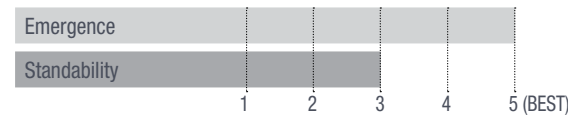
1.7 RM



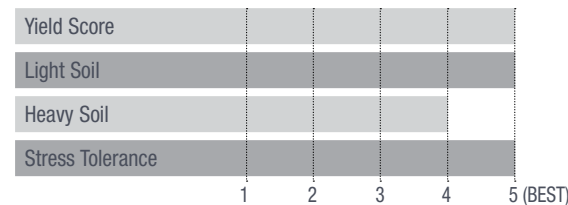
## CHART TOPPING PERFORMANCE

- Strong IDC & SDS ratings
- Rps 3a PRR gene
- Extra yield from lateral branching
- Exceptional stress tolerant soybean

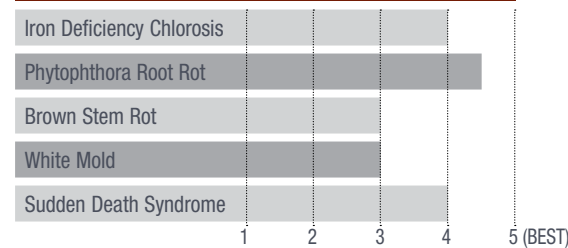
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	SDNE Summary	SD	AE 1720	63.0	1	54
FIRST	Watertown	SD	AE 1720	69.6	1	54
FIRST	Lu Verne	IA	AE 1720	67.6	2	54
FIRST	Osage	IA	AE 1720	70.5	2	54
FIRST	Kasson	MN	AE 1720	70.0	3	53

\*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. is implied.

# AE 1930

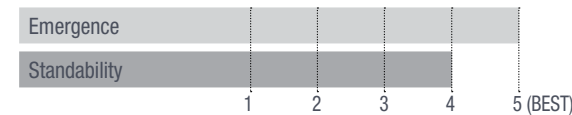
1.9 RM



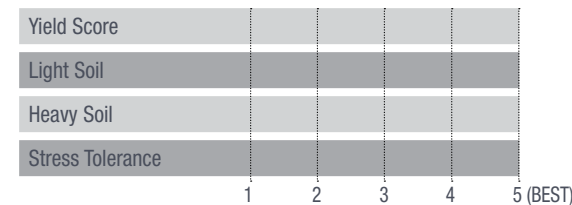
## VERSATILE SOYBEAN WITH EXCELLENT YIELD POTENTIAL

- Excellent stress tolerance
- Good standability
- Very good SDS defense
- Strong IDC & White Mold ratings

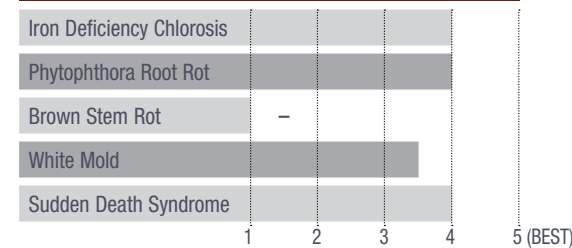
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	MNSO Summary	MN	AE 1930	64.4	1	53
FIRST	Kasson	MN	AE 1930	75.5	1	53
FIRST	Lamberton	MN	AE 1930	53.3	4	53
FIRST	IANO Summary	IA	AE 1930	69.4	5	42
FIRST	New Hampton	IA	AE 1930	73.5	1	42

\*Performance results from trials conducted in 2021-2022. No product recommendation by F.I.R.S.T. is implied.

# AE 2110

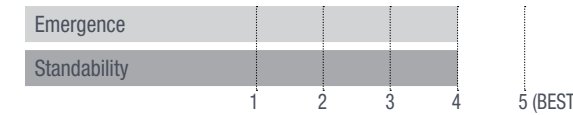
2.1 RM



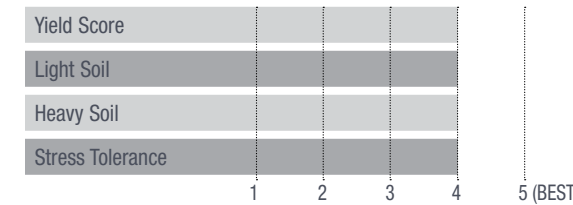
## EARLY GROUP 2 VARIETY WITH NORTHERN MOVEMENT & MORE YIELD

- SCN & BSR resistant
- Rps 1k PRR gene
- RM leading White Mold rating
- Good IDC protection

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	MNSO Summary	MN	AE 2110	79.5	2	48
FIRST	New Richland	MN	AE 2110	81.9	1	48
FIRST	SDEC Summary	SD	AE 2110	66.1	2	63
FIRST	Arlington	SD	AE 2110	55.9	1	63
FIRST	IANC Summary	IA	AE 2110	61.2	3	48

\*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. is implied.

# AE 2140

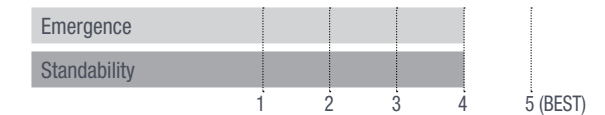
**NEW**  
2.1 RM



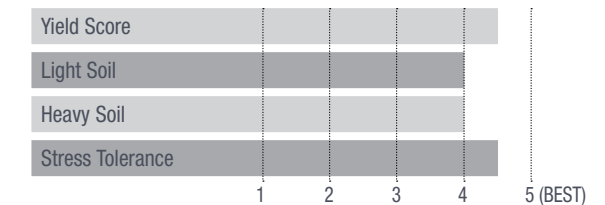
## MEDIUM TALL PLANT THAT HOLDS THE ROW EXCEPTIONALLY WELL

- Rps 1a3a gene
- Very good IDC & White Mold ratings
- SCN & BSR resistant
- Handles stress well

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



# AE 2330

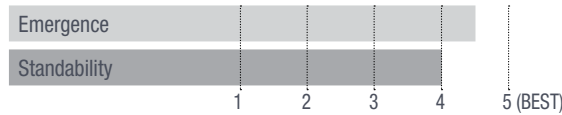
2.3 RM



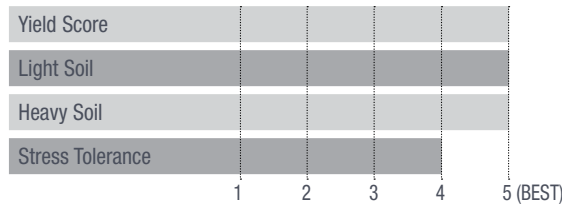
## BIG ACRE SOYBEAN WITH DEFENSIVE AGRONOMICS

- Above average IDC & SDS package
- Strong yield for the productive acre
- Broad geographical fit across MN, IA, SD, & WI

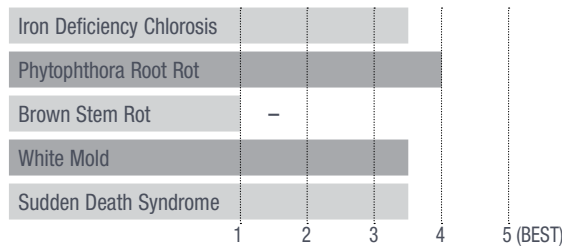
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



# AE 2440

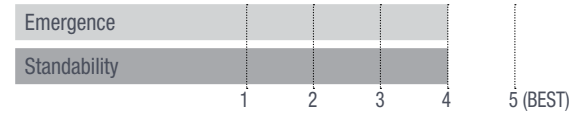
**NEW**  
2.4 RM



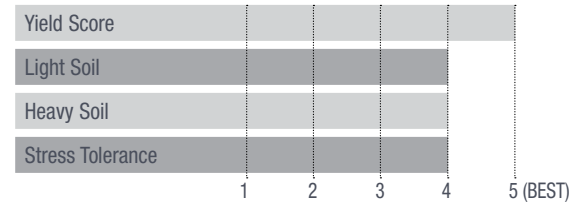
## KEY LINE FOR ACRES AT THE 2.4 RM

- Nice plant style with medium height & good standability
- Use across all soil types & yield environments
- SCN protection + Rps 1k gene + BSR resistant

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



# AE 2630

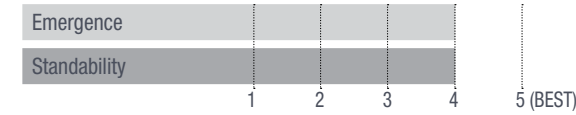
2.6 RM



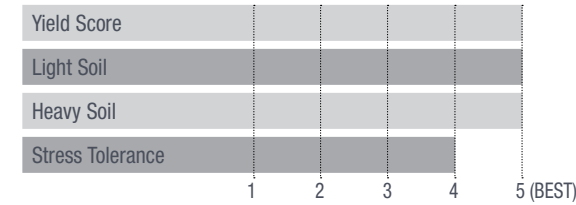
## IMPRESSIVE VARIETY WITH BIG YIELD OPPORTUNITY

- SCN protection + BSR resistant + Rps 1k gene + Stem Canker resistant
- Above average SDS protection
- Big acre soybean with strong defense

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	ILNO Summary	IL	AE 2630	78.1	7	63
FIRST	Chadwick	IL	AE 2630	83.1	5	63
FIRST	Malta	IL	AE 2630	78.5	10	63

*\*Performance results from trials conducted in 2022. No product recommendation by F.I.R.S.T. is implied.*

# AE 3131S

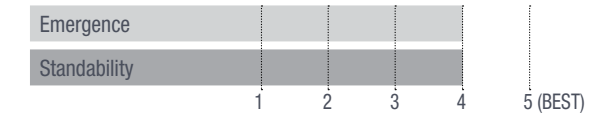
3.1 RM



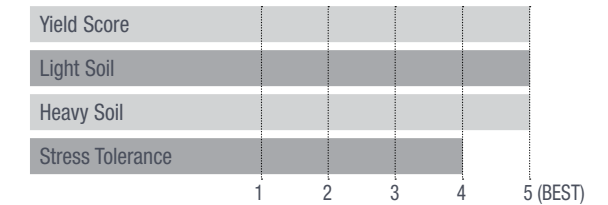
## DOMINANT PERFORMANCE EAST TO WEST & ACROSS ALL YIELD ENVIRONMENTS

- Above average SDS tolerance
- Medium tall plant with very strong standability
- SCN protection + Rps 1c gene + Stem Canker resistant

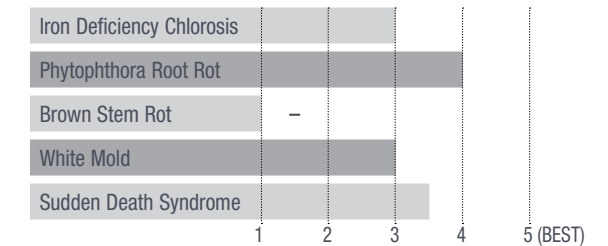
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	INCE Summary	IN	AE 3131S	65.2	5	71
FIRST	Connersville	IN	AE 3131S	60.2	3	71
FIRST	Greencastle	IN	AE 3131S	70.1	10	71

*\*Performance results from trials conducted in 2022. No product recommendation by F.I.R.S.T. is implied.*

# AE 3340

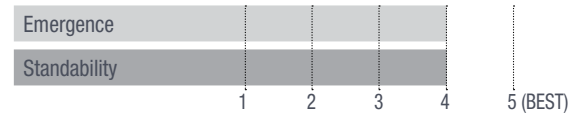
**NEW**  
3.3 RM



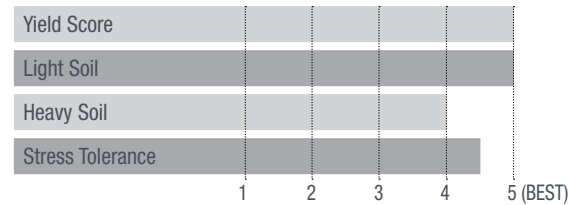
## BIG ACRE SOYBEAN WITH PEKING CYST MARKER

- Excellent field tolerance for PRR
- BSR resistant
- Medium plant height with excellent lateral branching

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



# AE 3610

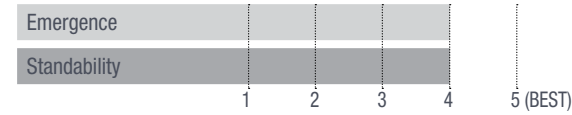
3.6 RM



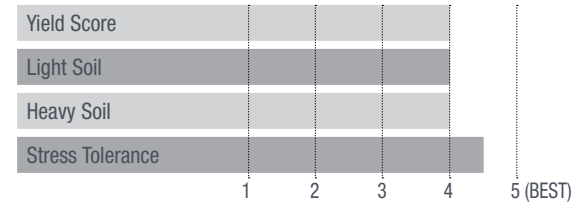
## RAISING THE BAR AGAIN FOR ENLIST® SOYBEANS IN THE MID GROUP 3 RM

- Wide adaptation east to west & stable across all environments
- Very good standability & stress tolerance
- Top performer year after year

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	Nashville	IL	AE 3610	65.0	3	54
FIRST	Macomb	IL	AE 3610	69.5	5	72
FIRST	Cairo	MO	AE 3610	60.3	5	36
FIRST	ILNC Summary	IL	AE 3610	67.4	7	72
FIRST	MONO Summary	MO	AE 3610	55.4	8	36

\*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. is implied.

# AE 3720S

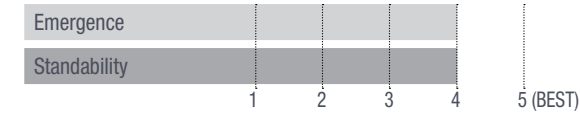
3.7 RM



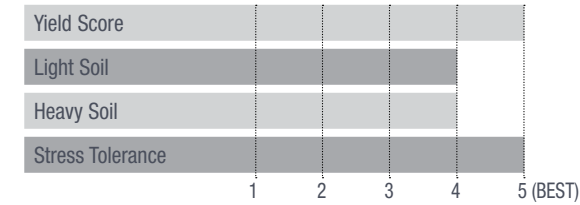
## HIGH YIELDER WITH VERY GOOD SDS TOLERANCE

- SCN protection + BSR resistant + Rps 1k gene + Stem Canker resistant
- Medium tall height with an intermediate plant structure
- Stunning late season plant health

### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	ILSC Summary	IL	AE 3720S	80.2	10	72
FIRST	Dwight	IL	AE 3720S	72.7	8	81
FIRST	Forsyth	IL	AE 3720S	78.1	11	72
FIRST	Forsyth	IL	AE 3720S	77.1	3	63
FIRST	ILSC Summary	IL	AE 3720S	70.2	10	63

\*Performance results from trials conducted in 2021-2022. No product recommendation by F.I.R.S.T. is implied.

# AE 3920

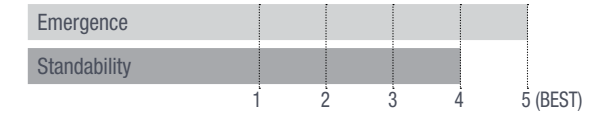
3.9 RM



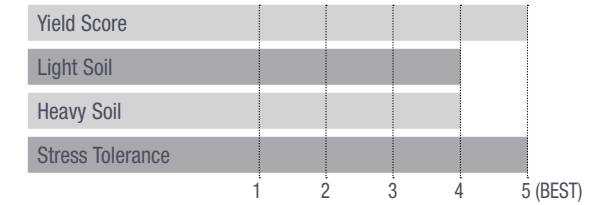
## GREAT APPEARANCE WITH CONSISTENT HIGH-YIELDING PERFORMANCE

- Unique light tawny/tan plant with broad adaptability
- Medium tall height with very good standability
- Brings SCN, SSC, & PRR resistance to Late Group 3

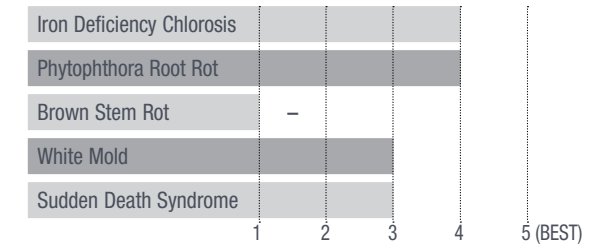
### AGRONOMIC CHARACTERISTICS



### POSITIONING & ADAPTABILITY



### PLANT HEALTH



### PERFORMANCE HIGHLIGHTS

TRIAL	CITY	STATE	VARIETY	YIELD	RANK	ENTRIES
FIRST	ILSC Summary	IL	AE 3920	73.1	3	63
FIRST	Forsyth	IL	AE 3920	76.6	4	63
FIRST	Effingham	IL	AE 3920	76.0	4	70
FIRST	Flora	IL	AE 3920	66.0	8	71
FIRST	Forsyth	IL	AE 3920	78.8	8	72

\*Performance results from trials conducted in 2021-2022. No product recommendation by F.I.R.S.T. is implied.

NOTES

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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, in select counties specified on the label, the first HPPD based herbicide for soybeans—Alite™ 27. Other HPPD herbicides not labeled for use with LibertyLink GT27 or isoxaflutole-resistant soybeans may cause significant crop injury. Alite 27 herbicide is only available for use in labeled counties.

Always read and follow label directions. Alite 27 is a restricted use herbicide. Alite, Liberty, and LibertyLink are registered trademarks of BASF. GT27 is a registered trademark of M.S. Technologies, L.L.C. MS Technologies is a trademark of M.S. Technologies, L.L.C. ©2020 BASF Corporation / M.S. Technologies, L.L.C. All Rights Reserved. APN 20-INT-0014

**Product Use Statement:** Enlist E3® soybeans contain the Enlist E3 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 E3 soybeans.

**Warning:** Enlist E3 soybeans 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 E3 soybeans. Always read and follow herbicide label directions prior to use.

YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING AND FOLLOW HERBICIDE RESISTANCE MANAGEMENT (HRM) REQUIREMENTS.

The transgenic event in the Enlist E3® soybean is protected under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html).

The transgenic event in the Enlist E3® soybean event in Enlist E3® soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C. ®™ Enlist, Enlist E3, the Enlist E3 log and Colex-D are trademarks of Dow AgroSciences LLC.

APEX 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 and expended substantial effort in the development and production of this seed, and in the use of subsequent production of 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 to produce a single crop under MS TECH property rights, including where applicable certain U.S. patents which can be found on the package and seed tags.

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 unless USER has an agreement for such purposes, Seed and plants produced from Seed will not be used or sold for seed, breeding, or any variety or hybrid development or improvement purposes; these restrictions apply to all plants produced from Seed, including without limitation variant and inbred plants and Seed that may be contained in this package or grow from Seed. 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 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 transgenic corn traits or transgenic soybean traits. Words and phrases herein shall be construed as in the singular or plural number, according to the context.

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](http://www.corteva.us/Resources/trait-stewardship.html)).

To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience 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 corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides will damage or kill crops that are not tolerant to 2,4-D or -fops.

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 Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html).

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance and Corteva Agriscience 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](http://www.biotradestatus.com).

The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C.

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