# **Simple Seed Solutions**<sup>s</sup>



### Powered by **Know2Grow**<sup>™</sup>

ohldeseed.com

### 2024 Seed Guide



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**50-51** John Deere Financial



From our Know2Grow<sup>™</sup> Research Program, we're eager to share our 2024 corn hybrids, milo hybrids and soybean varieties with you. All are the results of extensive research and testing that enable us to provide – Simple Seed Solutions<sup>™</sup>.

At Ohlde Seed, we've created a process that is much different than simply "selecting" a variety. We form a partnership with our producers and share with them our exclusive insight on how the latest hybrids and varieties will perform in their fields.

Over the years, we have invested heavily in our proven Know2Grow<sup>™</sup> Research Program and built upon the many years of knowledge that we've acquired testing the very latest traits and technologies in soils and climates that are just like yours at home. We work closely with our trait providers to bring you recommendations for the latest trait options, which enables you to optimize the yield and performance of your operation.

As you plan for the rapidly approaching 2024 crop, our Ohlde Seed Team looks forward to partnering with you and providing you the insight to select the ideal hybrids and varieties that will thrive in your soils and yield environment. You have our word, we will deliver Simple Seed Solutions<sup>5M</sup>.

# KNOW GROW

### OHLDE SEED'S KNOW2GROW™ RESEARCH PROGRAM HAS THE ANSWERS.

#### KNOW2GROW<sup>™</sup> PROVIDES OHLDE CUSTOMERS 3 KEY BENEFITS:

- **1.** Provides FIRST HAND KNOWLEDGE of the hybrid or variety's true performance and characteristics.
- Identifies the best performing hybrids and varieties in YOUR YIELD ENVIRONMENT.
- **3.** Ensures you can have the BEST OPTIONS to benefit your farm.

From a technology perspective, without a Know2Grow<sup>™</sup> Research Program, the value of using auto-steer, variable rate application, field mapping, yield monitoring, or application timing are all greatly diminished if you do not make the right choice first. Rely on the Ohlde Seed Know2Grow<sup>™</sup> Program to select a locally researched seed, engineered to thrive in your specific field and soil conditions.



#### **TESTING SITES ARE IN A WIDE RANGE OF ENVIRONMENTS**

• Know2Grow<sup>™</sup> Plots are strategically placed in a wide range of environments across Kansas into southern Nebraska and northern Oklahoma. This gives Ohlde the advantage by providing the knowledge of each product's performance in all types of yield environments and field conditions.

#### **STRIP TRIALS VS. REPLICATED TRIALS**

 Our competitors are still using strip trials and placing their products over multiple acres potentially running the length of the field. The problem is, throughout every field there is variability that can and will affect yield one way or the other. We believe that a true research program takes a deeper level of commitment. With Know2Grow<sup>™</sup>, hundreds of hybrids are condensed and replicated throughout the plot to reduce variability, provide consistency, and provide accurate data.



Expansion area

#### SRES RESEARCH PLANTER

• The Know2Grow<sup>™</sup> Program uses the largest research plot planter company in the world. The SRES planter will precisely place the same number of seeds in each test row which contributes to consistency. The planter allows us to test different population rates contributing to finding each hybrid or variety's ultimate threshold to result in maximum return.

#### HOW KNOW2GROW<sup>™</sup> WILL BENEFIT YOUR FARM

The Ohlde Seed Know2Grow™ Research Program can help you answer many questions such as:

- Drought Tolerance
- Plant Height
- Emergence
- Seed Treatments

- Product Placement
- Gray Leaf Spot
- Silage Quality
- Goss's Wilt

- Southern Rust
- Corn after Corn
- Flex vs Determinate
- Ear Height

- Standability
- Stay-Green
- Fertilizer Applications
- Population Rates
- SDS Tolerance
- pH Issues
- Phytophthora Root Rot
- STS

With Know2Grow<sup>™</sup>, the Ohlde Seed sales team can help find solutions to solve your problems in your fields by recommending products that fit your needs and concerns. Know2Grow<sup>™</sup> creates field studies of the problems you have to help increase your production.

### "We look forward to

this upcoming season."

Bayer is a member of Excellence Through Stewardship<sup>®</sup> (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits 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. Excellence Through Stewardship<sup>®</sup> is a realistered trademark of Excellence Through Stewardship.

SmartStax® PRO corn products will be commercially available for the 2024 growing season.

ݤ Agrisure Above ݤ Agrisure Total ݤ Duracade 😒 Viptera 23

Viptera Viptera za E-Z Refuge Viptera Viptera

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex\*Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with products with XtendFlex\*Technology.

B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready<sup>®</sup> 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex<sup>®</sup> Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to gluphosate. Glufosinate will kill crops that are not tolerant to gluphosate. Slufosinate will kill crops that are not tolerant to gluphosate. Dicamba will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Roundup

Ready

Ready **Z**YIELD

TECHI

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup R

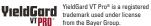
Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

#### Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

More information about Duracade® is available at http://www.biotradestatus.com/.

Agrisure® Above, Agrisure® Total, Duracade®, DuracadeViptera™, DuracadeViptera™Z3, Viptera®, Viptera™Z3, E-Z Refuge® and Refuge Renew™ are trademarks of a Syngenta Group Company.



LIBER'



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

### 2024 Soil Specific Seed Varieties

#### **OHLDE CORN CHARACTERISTICS**

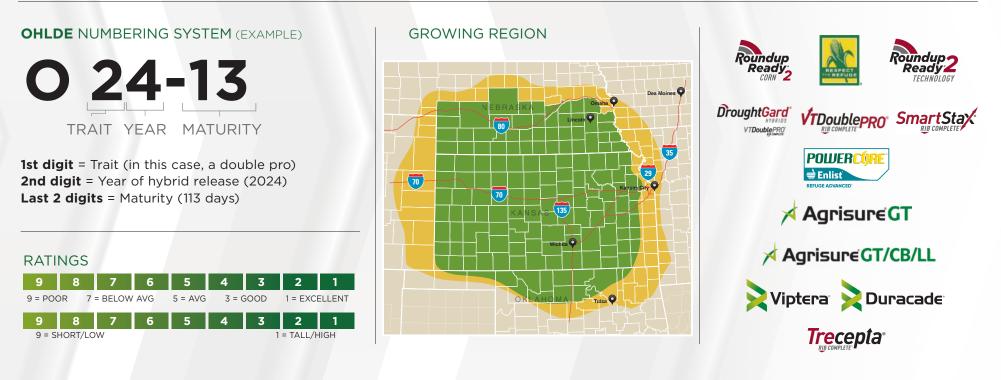
OFEDE CORN CHARACTERISTICS																	
Hybrid	Mid-Pol- lination GDU's	Black Layer	Plant Height	Ear Height	Emer- gence	Drought Tolerance	Root Strength	Stalk Strength	Drydown	Test Weight	Ear Type	Stay- Green	Gray Leaf Spot	No. Leaf Blight	Common Rust	Southern Rust	Goss Wilt
O 23-98 TRE RB	1260	2450	3	2	3	3	2	3	2	3	SF	2	4	4	N/A	N/A	3
O 24-00 VT2Pro RB / O 84-00 SS RB	1271	2510	3	3	3	2	2	2	3	3	SF	3	4	2	N/A	N/A	3
O 88-04 SS RB	1276	2375	4	3	1	2	3	2	2	2	SF	5	3	3	3	N/A	2
O 21-05 DGVT2Pro RB / O 81-05 SS RB	1290	2650	4	3	2	2	2	2	1	3	SF	4	3	N/A	1	1	1
O 24-05 VT2 Pro RB	1257	2635	5	5	1	2	2	4	5	5	SD	3	6	2	2	3	5
O 29-06 VT2 Pro RB	1243	2440	4	5	2	3	4	3	1	4	SF	5	6	3	2	5	2
O 34-06 PowerCore <sup>®</sup> Enlist <sup>®</sup>	1345	2484	3	4	2	3	3	2	3	2	SF	2	2	2	2	N/A	2
O 20-08 VIP RB / O 80-08 DV RB	1428	2656	4	4	1	2	4	4	1	4	SF	4	3	5	N/A	2	1
O 34-08 PowerCore <sup>®</sup> Enlist <sup>®</sup>	1340	2675	2	2	2	3	2	2	3	3	SF	2	3	3	N/A	N/A	
O 22-10 VT2 Pro RB	1325	2740	3	3	3	3	2	1	2	2	SF	4	2	2	N/A	5	5
O 22-12 TRE RB / O 82-12 SS RB	1389	2736	4	3	3	3	3	2	2	3	SD	4	4	3	N/A	4	1
O 28-12 VT2Pro RB / O 88-12 SS RB	1330	2655	3	3	2	2	2	3	1	1	SF	4	4	3	4	6	4
O 20-13 DGVT2 Pro RB	1361	2708	3	3	3	5	2	2	3	2	SF	4	3	3	N/A	N/A	5
O 21-13 VT2Pro RB / O 81-13 SS RB	1382	2750	2	4	3	3	2	2	3	2	SD	2	3	2	N/A	N/A	3
O 22-13 TRE RB	1401	2668	3	2	3	1	1	3	1	2	SD	4	2	2	N/A	5	5
O 28-13 VT2 Pro RB	1330	2840	2	3	4	1	5	2	1	1	F	4	4	2	3	2	5
O 24-13 VT2Pro RB	1392	2795	1	3	3	2	3	2	2	3	SF	4	3	3	2	5	3
O 21-14 PowerCore <sup>*</sup> Enlist <sup>*</sup>	1360	2855	1	1	2	1	4	2	4	5	SF	4	2	2	2	2	2
O 28-14 VT2 Pro RB	1340	2880	2	2	1	2	1	2	2	2	F	2	2	2	2	2	1
O 29-14 VT2Pro RB / O 89-14 SS RB	1334	2655	3	3	1	3	2	1	2	3	SF	2	5	2	2	2	3
O 24-14 VT2Pro RB	1301	2549	2	3	2	1	3	2	2	2	SF	4	4	3	N/A	4	
O 24-15 TRE RB	1402	2790	4	4	3	4	1	2	1	3	SD	2	3	2	2	2	3
O 24-16 TRE RB	1331	2655	2	3	3	3	4	2	1	4	SF	4	3	3	2	5	2
O 23-16 VIP RB	1440	2700	3	4	1	2	2	1	3	1	SF	2	2	1	N/A	3	2
O 21-17 VT2 Pro RB / O 81-17 SS RB	1390	2870	2	2	3	2	2	1	4	1	SF	2	2	2	2	N/A	7
O 23-18 VT2Pro RB	1380	2880	2	2	3	1	1	2	4	2	SF	1	3	2	3	4	5





### **OUR CORN HYBRIDS**

At Ohlde Seed, we pride ourselves in bringing you the latest global trait technologies and delivering them in a hybrid that will excel in the soils on your farming operation.







#### **KNOW2GROW™** OBSERVATIONS

- > Large, girthy, flex style ear that adapts well to wide range of populations
- > Robust hybrid with good plant and ear height for a 98 day maturity
- > This is a broad adaptability hybrid that works in a wide geography and soil types
- > Provides excellent silage quality and tonnage

#### GENERAL CHARACTERISTICS

Maturity (Days)	98
Plant Height	3
Ear Height	2
Ear Type	SF
Root Strength	2
Stalk Strength	3
Plant Canopy	3
Common Rust	N/A

### DAIRWERADY PLANT TRAITS EARLY PLANT VIGOR

3

1

#### TEST WEIGHT 3 **GREEN SNAP** 3 2 DRYDOWN 2 9 8 7 6 5 4 3 2 1 DISEASE TOLERANCE GRAY LEAF SPOT 4 GOSS'S WILT 3 SOUTHERN CORN RUST - N/A DIPLODIA EAR ROT - N/A ANTHRACNOSE 3 9 8 7 6 5 4 3 2 1 **CROP ROTATIONS**

CORN AFTER CORN	4
CORN AFTER WHEAT	3
CORN AFTER SOYBEANS	1
9   8   7   6   5   4   3   2   1	
	_



084-00 | SmartStax

#### **KNOW2GROW™** OBSERVATIONS

- > Excellent agronomics for heat and drought stress
- > Medium-Tall plant height with Medium ear height placement
- > Girthy semi-flex ear type for moderate planting rates on those tougher dryland acres
- > Responds well to a fungicide application when needed

#### GENERAL CHARACTERISTICS

Maturity (Days)	100
Plant Height	3
Ear Height	3
Ear Type	SF
Root Strength	2
Stalk Strength	2
Plant Canopy	3
Common Rust	N/A

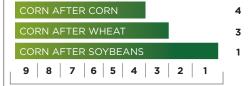
#### PLANT TRAITS



NEW

#### DISEASE TOLERANCE





#### RECOMMENDED YIELD ENVIRONMENTS

70%





High Yield Medium Yield Low Yield



### 088-04 | Smart Stax

#### **KNOW2GROW™** OBSERVATIONS

- > Medium plant height with good ear placement
- > Displays great ear flex for low population situations
- > Responds well to a fungicide application
- > Has good tolerance to Goss's Wilt
- > Great fit west of Kansas Hwy 283

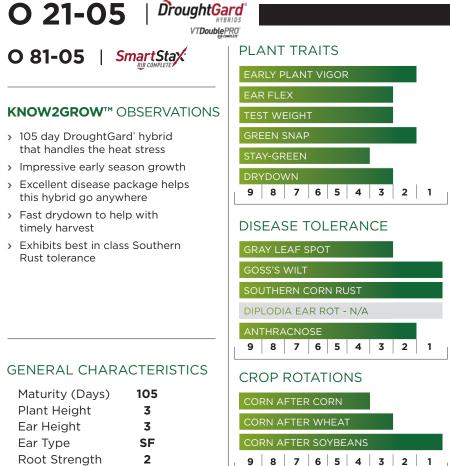
#### **GENERAL CHARACTERISTICS**

Maturity (Days)	104
Plant Height	4
Ear Height	3
Ear Type	SF
Root Strength	3
Stalk Strength	2
Plant Canopy	3
Common Rust	3

#### PLANT TRAITS

EARLY PLANT VIGOR	1				
EAR FLEX					
TEST WEIGHT	2				
GREEN SNAP	4				
STAY-GREEN	5				
DRYDOWN           9         8         7         6         5         4         3         2         1	2				
DISEASE TOLERANCE					
GRAY LEAF SPOT	3				
GOSS'S WILT	2				
SOUTHERN CORN RUST - N/A					
DIPLODIA EAR ROT	2				
ANTHRACNOSE 9 8 7 6 5 4 3 2 1	4				
CROP ROTATIONS					
CORN AFTER CORN	4				
CORN AFTER WHEAT	3				
CORN AFTER SOYBEANS	1				

9 8 7 6 5 4 3 2 1



2

3

3

2

4

3

3

1

1

2

4

3

Maturity (Days)	105
Plant Height	3
Ear Height	3
Ear Type	SF
Root Strength	2
Stalk Strength	3
Plant Canopy	4
Common Rust	1

#### RECOMMENDED YIELD ENVIRONMENTS

90%





#### High Yield

Medium Yield Low Yield



### 0 24-05 VTDoublePRO

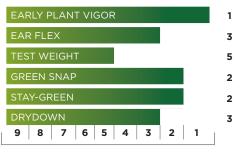
#### **KNOW2GROW™** OBSERVATIONS

- > Adds depth to the early lineup with a hybrid that has toughness as well as yield punch
- > Good Stay-Green and great intactness for fall harvest
- > Robust plant style with a medium plant height that gives canopy early
- > This hybrid moves well across a wide geography and soil types

#### GENERAL CHARACTERISTICS

Maturity (Days)	105
Plant Height	6
Ear Height	5
Ear Type	SD
Root Strength	4
Stalk Strength	2
Plant Canopy	1
Common Rust	2

#### PLANT TRAITS



#### DISEASE TOLERANCE

		1 - 1	- 1		-		1	
9	8 7	6	5	4	3	2	1	1
ANT	HRACN	OSE						5
DIPL	ODIA E	AR RC	T					3
SOU	THERN	CORN	I RU	ST				3
GOS	S'S WIL	.T						6
GRAY	LEAF S	SPOT						6

#### CROP ROTATIONS

CORN AFTER CORN	4
CORN AFTER WHEAT	3
CORN AFTER SOYBEANS	1
9   8   7   6   5   4   3   2   1	

#### **O 29-06 V**TDoublePR0

#### **KNOW2GROW™** OBSERVATIONS

- > 106 day hybrid that brings us more depth in our 105-108 hybrid portfolio
- > Medium plant height that has excellent top-end yield potential under irrigation but yield stability under tough conditions
- > Excellent early season vigor for outstanding out-of-theground performance
- > Great early season hybrid with great drydown for early harvest

GENERAL CHARACTERISTICS

Maturity (Days)

Plant Height

Root Strength

Stalk Strength Plant Canopy

Common Rust

Ear Height

Ear Type

106

5

5 SF

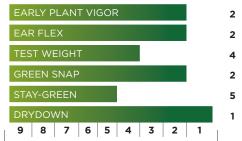
5

3

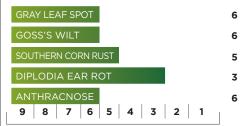
2

2

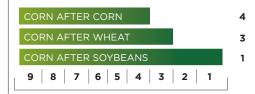
#### PLANT TRAITS



#### DISEASE TOLERANCE



#### CROP ROTATIONS



#### RECOMMENDED YIELD ENVIRONMENTS

100%





#### Medium Yield

Low Yield

#### RECOMMENDED YIELD ENVIRONMENTS





SIMPLE SEED SOLUTIONS<sup>™</sup> 11

### **O 34-06** |

#### **KNOW2GROW™** OBSERVATIONS

POWERCOR

🚔 Fnlist

- A new PowerCore® Enlist® hybrid that comes to you at a 106 day maturity
- Great ear flex that allows this hybrid to be planted at a wide-range of populations
- Very solid agronomics and disease package
- Very good on Green Snap, Goss's Wilt, and Gray Leaf Spot

#### GENERAL CHARACTERISTICS

Maturity (Days)	106
Plant Height	3
Ear Height	4
Ear Type	SF
Root Strength	3
Stalk Strength	2
Plant Canopy	4
Common Rust	2

# PLANT TRAITS EARLY PLANT VIGOR 2 EAR FLEX 2 TEST WEIGHT 2 GREEN SNAP 1 STAY-GREEN 2 DRYDOWN 3 9 8 7 6 5 4 3 2 1

NEW

#### DISEASE TOLERANCE

GRAY LEAF SPOT	2
GOSS'S WILT	2
COMMON RUST	2
SOUTHERN CORN RUST - N/A	
DIPLODIA EAR ROT	2
ANTHRACNOSE	1
9 8 7 6 5 4 3 2 1	
CROP ROTATIONS	

CORN AFTER CORN			3
CORN AFTER WHEAT			1
CORN AFTER SOYBEANS			2
9 8 7 6 5 4 3	2	1	I

### **O 20-08** | Viptera



#### KNOW2GROW<sup>™</sup> OBSERVATIONS

- Medium plant height with great tolerance to heat and drought stress
- > Once again this was a top performer in our Know2Grow<sup>™</sup> research plots in all maturities from 112 days and earlier in 2021 and 2022
- > Has excellent Green Snap tolerance
- Best suited on better soils, with a moderate ear placement
- Harvestability over terraces would be a watch out
- > Works extremely well in southern zones as an early high-yield hybrid

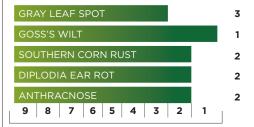
#### GENERAL CHARACTERISTICS

Maturity (Days)	108
Plant Height	4
Ear Height	4
Root Strength	4
Stalk Strength	4
Ear Type	SF
Plant Canopy	2
Common Rust	2

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### **CROP ROTATIONS**

CORN AFTER CORN	3
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	2
9   8   7   6   5   4   3   2   1	

#### RECOMMENDED YIELD ENVIRONMENTS



#### RECOMMENDED YIELD ENVIRONMENTS

100%





High Yield Medium Yield

Low Yield

### **O 34-08**

#### **KNOW2GROW™** OBSERVATIONS

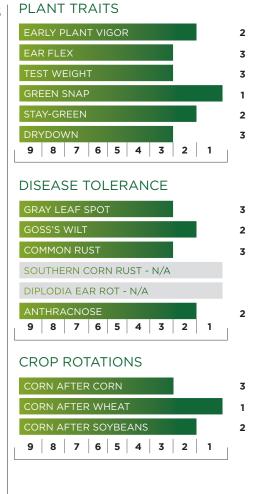
POWERCORE

🚔 Enlist

- > Big plant style that is very robust with excellent canopy
- > Excellent Green Snap and Goss's Wilt score
- > Has great stalks and roots with good Stay-Green
- > Early maturity hybrid that provides the full season hybrid yield punch

#### GENERAL CHARACTERISTICS

Maturity (Days)	108
Plant Height	2
Ear Height	2
Ear Type	SF
Root Strength	2
Stalk Strength	2
Plant Canopy	1
Common Rust	N/A



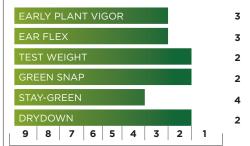
NEW

### 

#### **KNOW2GROW™** OBSERVATIONS

- > 110 day hybrid that brings yield consistency to your farm
- > Very good on Green Snap, Gray Leaf Spot and Northern Leaf Blight
- > Performs extremely well in Nebraska on dryland or irrigated acres

#### PLANT TRAITS



#### PLANT TOLERANCE

GRAY LEAF SPOT	2
GOSS'S WILT	5
SOUTHERN CORN RUST	5
DIPLODIA EAR ROT - N/A	
ANTHRACNOSE	2
9 8 7 6 5 4 3 2 1	

#### GENERAL CHARACTERISTICS

Maturity (Days)	110
Plant Height	3
Ear Height	3
Ear Type	SF
Root Strength	2
Stalk Strength	1
Plant Canopy	3
Common Rust	N/A

#### **CROP ROTATIONS**

CORN AFTER CORN	3
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	2
9 8 7 6 5 4 3 2 1	

#### RECOMMENDED YIELD ENVIRONMENTS



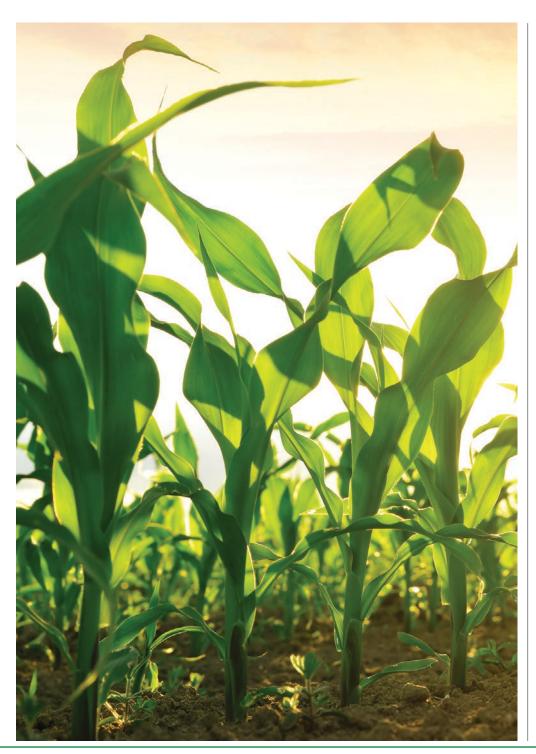
#### **RECOMMENDED YIELD ENVIRONMENTS**

90%





High Yield Medium Yield Low Yield



### **O 22-12** | *Trecepta*<sup>•</sup> |

O 82-12 | SmartStax

#### **KNOW2GROW™** OBSERVATIONS

- Great irrigated product for Kansas and Nebraska that gives you the Trecepta trait option
- Good ear placement for harvest ease
- Consistent top performer in the high-yielding environments in Know2Grow™ trials
- Moves south extremely well and handles heat stress
- Solid Green Snap, Goss's Wilt and Drydown scores
- Responds extremely well to a fungicide and highly managed acres

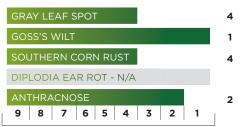
#### GENERAL CHARACTERISTICS

Maturity (Days)	112
Plant Height	4
Ear Height	3
Ear Type	SD
Root Strength	3
Stalk Strength	2
Plant Canopy	4
Common Rust	N/A

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### CROP ROTATIONS

CORN AFTER CORN	3
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	2
9 8 7 6 5 4 3 2 1	

#### RECOMMENDED YIELD ENVIRONMENTS

80%





High Yield Medium Yield

Low Yield

### 

#### **O 88-12** SmartStax\*

#### **KNOW2GROW™** OBSERVATIONS

- > Semi-flex ear with excellent test weight
- > Responds to higher management
- > We see this hybrid as a broad acre type hybrid that will fit most vield environments
- > Good drought stress tolerance but excellent top-end yield punch

#### **GENERAL CHARACTERISTICS**

Maturity (Days)	112
Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	3
Ear Type	SF
Plant Canopy	4
Common Rust	4

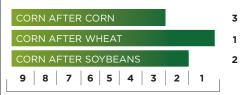
#### PLANT TRAITS

EARLY PLANT VIGOR	2
EAR FLEX	3
TEST WEIGHT	1
GREEN SNAP	3
STAY-GREEN	4
DRYDOWN	1
9 8 7 6 5 4 3 2 1	

#### DISEASE TOLERANCE

	THRA	AULINU.							2
			CE						
DIP	lodi	A EA	RR	ОТ					3
				so	JTHE	RN C	ORN I	RUST	6
GOS	ss's '	WILT							4
GRA	AY LE	EAF S	SPO <sup>-</sup>	Г					4

#### **CROP ROTATIONS**



### O 20-13 Drought Gard

VT**Double**PR0

#### **KNOW2GROW™** OBSERVATIONS

- > Racehorse hybrid with high yield potential
- > Excels under highly managed acres
- > Great choice for irrigated or productive river bottoms
- > Has excellent test weight and grain quality
- > Great late season intactness for harvest ease

GENERAL CHARACTERISTICS

113

3

3

2

3

SF 3

N/A

Maturity (Days)

Root Strength

Stalk Strength

Plant Canopy Common Rust

Plant Height

Ear Height

Ear Type

#### PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT	3
GOSS'S WILT	5
SOUTHERN CORN RUST - N/A	
DIPLODIA EAR ROT	2
ANTHRACNOSE	5
9 8 7 6 5 4 3 2 1	

#### **CROP ROTATIONS**

CORN AFTER CORN	3
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	2
9   8   7   6   5   4   3   2   1	

#### RECOMMENDED YIELD ENVIRONMENTS

100%





High Yield Medium Yield Low Yield





### 

#### O 81-13

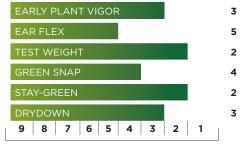
#### **KNOW2GROW™** OBSERVATIONS

- > Dominated the 2021 and 2022 Know2Grow<sup>™</sup> Irrigated plots
- > Provides a solid disease package and late season intactness
- > Good yield reponse to higher plant populations
- > Responds well to fungicide and high management
- > Looking for a hybrid with excellent yield potential this is a great choice

#### **GENERAL CHARACTERISTICS**

Maturity (Days)	113
Plant Height	2
Ear Height	4
Ear Type	SD
Root Strength	2
Stalk Strength	2
Plant Canopy	2
Common Rust	N/A

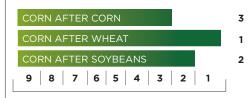
#### PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT	3
GOSS'S WILT	3
SOUTHERN CORN RUST - N/A	
DIPLODIA EAR ROT	5
ANTHRACNOSE	3
9 8 7 6 5 4 3 2 1	

#### **CROP ROTATIONS**



### O 22-13 | Trecepta<sup>®</sup>

#### **KNOW2GROW™** OBSERVATIONS

- > Robust plant style that will provide quick tremendous canopy
- > A top performing hybrid in those tough yielding environments that gives you the Trecepta trait option
- > This is a broad adaptability hybrid that works in a wide geography and soil types
- > Provides good ear placement for harvest ease on the upland and terraced ground

GENERAL CHARACTERISTICS

113

3

2

SD

1

3 2

N/A

Maturity (Days)

Plant Height

Root Strength

Stalk Strength

Plant Canopy Common Rust

Ear Height

Ear Type

#### PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT	2
GOSS'S WILT	5
SOUTHERN CORN RUST	5
DIPLODIA EAR ROT - N/A	
ANTHRACNOSE	3
9 8 7 6 5 4 3 2	1

#### **CROP ROTATIONS**

CORN AFTER CORN	3
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	2
9 8 7 6 5 4 3 2 1	

#### RECOMMENDED YIELD ENVIRONMENTS



#### **RECOMMENDED YIELD ENVIRONMENTS**

70%





High Yield

Low Yield

16 OHLDE SEED FARMS



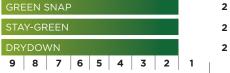
#### KNOW2GROW<sup>™</sup> OBSERVATIONS

- > Big-time flex ears and excellent grain quality
- > Outstanding performance across all yield environments
- > Best performance at moderate to low populations
- > Handles heat and drought stress
- > We see this hybrid working on tough dryland acres
- > Keep at moderate populations under high yield environments

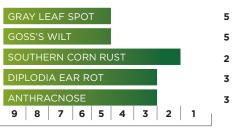
#### **GENERAL CHARACTERISTICS**

Maturity (Days)	113
Plant Height	2
Ear Height	3
Ear Type	F
Root Strength	5
Stalk Strength	2
Plant Canopy	2
Common Rust	3

#### PLANT TRAITS EARLY PLANT VIGOR EAR FLEX **TEST WEIGHT**



#### DISEASE TOLERANCE



	7
	1
IS	2
3 2	1

#### RECOMMENDED YIELD ENVIRONMENTS





### **CROP ROTATIONS**





### O 24-13 | VTDoublepro

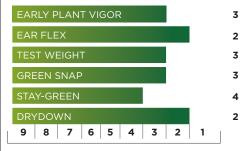
#### KNOW2GROW<sup>™</sup> OBSERVATIONS | F

- > Tall plant height with medium-high ear placement
- Semi-flex ear allows this hybrid to thrive at variable plant populations
- Has been a very consistent top performing line in those Medium and High yielding environments
- Has shown to have good resistance to Southern Rust

#### GENERAL CHARACTERISTICS

Maturity (Days)	113
Plant Height	1
Ear Height	3
Ear Type	SF
Root Strength	3
Stalk Strength	2
Plant Canopy	3
Common Rust	2

#### PLANT TRAITS

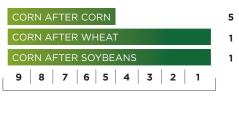


NEW

#### DISEASE TOLERANCE

GRAY LEAF SPOT		3
GOSS'S WILT		3
COMMON RUST		2
SOUTHERN CORN RUST		4
DIPLODIA EAR ROT		4
ANTHRACNOSE		2
9 8 7 6 5 4 3 2	1	

#### CROP ROTATIONS



#### 

#### KNOW2GROW™ OBSERVATIONS

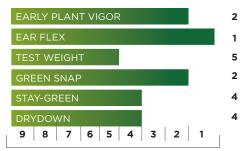
- > 114 day hybrid that gives you the Powercore trait option
- Excellent ear flex on a big robust plant style that likes heat and moderate populations
- Very good disease package, good stalks with average roots
- Great all around hybrid that is a work horse with great top-end potential
- Displays excellent plant canopy with high tolerance to Southern Rust
- > Excellent silage product for quality and tonnage

#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	1
Ear Height	1
Ear Type	SF
Root Strength	4
Stalk Strength	2
Plant Canopy	1
Common Rust	2

### DAIRWREADY

#### PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT		2
GOSS'S WILT		2
SOUTHERN CORN RUST		2
DIPLODIA EAR ROT - N/A		
ANTHRACNOSE - N/A 9 8 7 6 5 4 3 2	1	

#### **CROP ROTATIONS**

CORN AFTER CORN	5
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	1
9   8   7   6   5   4   3   2   1	1

#### RECOMMENDED YIELD ENVIRONMENTS



#### RECOMMENDED YIELD ENVIRONMENTS

90%





High Yield Medium Yield

Low Yield

### 

#### **KNOW2GROW™** OBSERVATIONS

- > Has been a dominating hybrid in the Ohlde Know2Grow<sup>™</sup> Plots across all yield environments
- > Outstanding yield, excellent roots, Stay-Green, and disease package making this hybrid a shining star in our lineup
- > Big robust plant style with outstanding ear flex
- > Excellent choice as a high moisture hybrid

#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	3
Ear Height	3
Ear Type	F
Root Strength	1
Stalk Strength	2
Plant Canopy	2
Common Rust	2

#### EARLY PLANT VIGOR 1 1 TEST WEIGHT 2 **GREEN SNAP** 2 STAY-GREEN 2 2 9 8 7 6 5 4 3 2 1

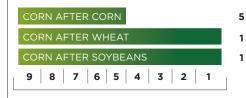
DAIRWIREADY

#### DISEASE TOI FRANCE

PLANT TRAITS

GRAY LEAF SPOT	2
GOSS'S WILT	1
SOUTHERN CORN RUST	2
DIPLODIA EAR ROT	3
ANTHRACNOSE	3
9 8 7 6 5 4 3 2 1	

#### **CROP ROTATIONS**



### 

O 89-14 SmartStaX

#### **KNOW2GROW™** OBSERVATIONS

- > Quick out of the ground with very good stalks and roots that ensures late season harvest
- > Excellent performance in 160+ dryland and irrigated environments
- > Big flex ears with heavy grain that gives the plant top-end performance in moderate populations
- > Best performance in your loam soil and better yield environments
- > Can handle the heat and drought stress

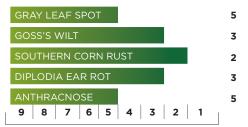
#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	4
Ear Height	4
Ear Type	SF
Root Strength	2
Stalk Strength	2
Plant Canopy	1
Common Rust	2

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### **CROP ROTATIONS**

CORN AFTER CORN	5
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	1
9   8   7   6   5   4   3   2   1	1

#### RECOMMENDED YIELD ENVIRONMENTS



#### RECOMMENDED YIELD ENVIRONMENTS





Low Yield

COF	RN AI	FTER	SO	YBE.	ANS				
9	8	7	6	5	4	3	2	1	



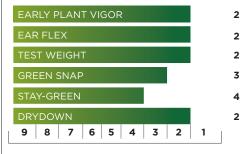
#### **KNOW2GROW™** OBSERVATIONS

- > Good early season vigor that has consistent emergence and early season growth
- > Medium-Tall hybrid with good ear placement
- > Tough hybrid with excellent yield potential for those variable Kansas acres
- > Be sure to check the results of this one in the 2023 K2G research trials

#### **GENERAL CHARACTERISTICS**

Maturity (Days)	114
Plant Height	2
Ear Height	3
Ear Type	SF
Root Strength	3
Stalk Strength	2
Plant Canopy	3
Common Rust	N/A

#### PLANT TRAITS



NEW

#### DISEASE TOLERANCE

GRAY LEAF SPOT	4
GOSS'S WILT	5
COMMON RUST	
SOUTHERN CORN RUST	4
DIPLODIA EAR ROT	2
ANTHRACNOSE	3
9 8 7 6 5 4 3 2	2 1

#### CROP ROTATIONS

1
I.
I.

### **O 24-15** | *Trecepta*<sup>•</sup>

#### **KNOW2GROW™** OBSERVATIONS

- > Tremendous late season appearance and late season stalks for harvest ease
- > Top-end yield potential under irrigated acres
- > #1 in the 2022 irrigated Know2Grow<sup>™</sup> research trials north of I-70
- > Overall this hybrid has a excellent disease package

#### PLANT TRAITS



NEW

#### DISEASE TOLERANCE

GRAY LEAF SPOT		3
GOSS'S WILT		3
COMMON RUST		2
SOUTHERN CORN RUST		2
DIPLODIA EAR ROT		2
ANTHRACNOSE		1
9 8 7 6 5 4 3 2	1	1

#### **GENERAL CHARACTERISTICS**

Maturity (Days)	115
Plant Height	4
Ear Height	4
Ear Type	SD
Root Strength	1
Stalk Strength	2
Plant Canopy	3
Common Rust	2

#### **CROP ROTATIONS**

CORN AFTER CORN	5
CORN AFTER WHEAT	1
CORN AFTER SOYBEANS	1
9   8   7   6   5   4   3   2   1	1

#### **RECOMMENDED YIELD ENVIRONMENTS**

80%





Medium Yield

Low Yield





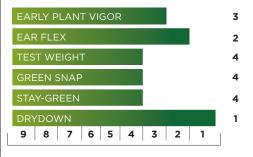
#### **KNOW2GROW™** OBSERVATIONS

- > Large, girthy, flex style ear that responds well to lower plant populations
- > Big-time yields under higher yielding environments
- > This is a broad adaptability hybrid that works in a wide geography and soil types
- > Begins pollination late but has great drydown to finish quickly

#### **GENERAL CHARACTERISTICS**

Maturity (Days)	116
Plant Height	2
Ear Height	3
Ear Type	SF
Root Strength	4
Stalk Strength	2
Plant Canopy	5
Common Rust	2

#### PLANT TRAITS

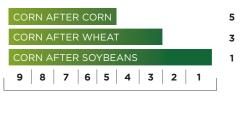


NEW

#### DISEASE TOLERANCE

GRAY LEAF SPOT		3
GOSS'S WILT		2
COMMON RUST		2
SOUTHERN CORN RUST		5
DIPLODIA EAR ROT		2
ANTHRACNOSE		5
9 8 7 6 5 4 3 2	1	

#### **CROP ROTATIONS**



### 0 23-16 Viptera

#### **KNOW2GROW™** OBSERVATIONS

- > A full season Viptera® traited hybrid for those tough southern Kansas acres
- > Extremely strong agronomic and disease package
- > Very good stalks and roots to ensure late-season intactness
- > The ear flex you need for moderate populations in tough soils

GENERAL CHARACTERISTICS

116

3

4

SF

2

1

2

2

Maturity (Days)

Root Strength

Stalk Strength

Plant Canopy

Common Rust

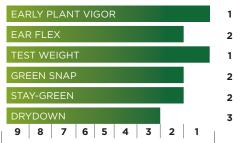
Plant Height

Ear Height

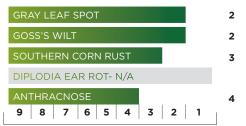
Ear Type

> Very good on Green Snap

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### **CROP ROTATIONS**

CORN AFTER CORN	5
CORN AFTER WHEAT	3
CORN AFTER SOYBEANS	1
9 8 7 6 5 4 3 2 1	1

#### RECOMMENDED YIELD ENVIRONMENTS

80%





#### RECOMMENDED YIELD ENVIRONMENTS





High Yield Medium Yield Low Yield

### 

#### O 81-17 | SmartSta

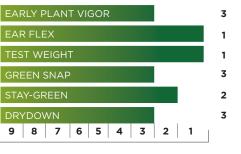
#### KNOW2GROW<sup>™</sup> OBSERVATIONS

- Full season hybrid with big-time yields
- Displays best-in-class ear flex and test weight
- Great late-season appearance and stalk health for harvest ease
- Available in both VT Double PRO<sup>\*</sup> and SmartStax<sup>\*</sup> versions
- Has been a top performer across all yield environments in Southern KS in 2021

#### GENERAL CHARACTERISTICS

Maturity (Days)	117
Plant Height	2
Ear Height	2
Ear Type	SF
Root Strength	2
Stalk Strength	1
Plant Canopy	2
Common Rust	2

#### PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT		2			
GOSS'S WILT		7			
SOUTHERN CORN RUST - N/A					
DIPLODIA EAR ROT - N/A					
ANTHRACNOSE					
9 8 7 6 5 4 3 2	1				

5

3

### CROP ROTATIONS CORN AFTER CORN CORN AFTER WHEAT CORN AFTER SOYBEANS 9 8 7 6 5 4 3 2 1

### 

#### **KNOW2GROW™** OBSERVATIONS

- A full season hybrid that has proven to withstand those lowyielding environments
- Has the yield potential you need for when it rains and toughness when it doesn't
- > Excellent stalks and roots with very good husk coverage
- Great fit for south of I-70 and into north central Oklahoma

#### S | PLANT TRAITS



#### DISEASE TOLERANCE

GRAY LEAF SPOT	5
GOSS'S WILT	5
SOUTHERN CORN RUST	2
DIPLODIA EAR ROT	3
ANTHRACNOSE	3
9 8 7 6 5 4 3 2	1

#### GENERAL CHARACTERISTICS

Maturity (Days)	118
Plant Height	2
Ear Height	2
Ear Type	SF
Root Strength	1
Stalk Strength	2
Plant Canopy	3
Common Rust	3

#### CROP ROTATIONS



#### RECOMMENDED YIELD ENVIRONMENTS



#### RECOMMENDED YIELD ENVIRONMENTS

90%





High Yield Medium Yield

Low Yield

ocus on delivering SOII Specific Varieties for the sold in your operation."

### 2024 CORN HYBRIDS NOTES

## And now let's take a look at our 2024 Soybean Varieties



"We take a hands-on approach to **ensure excellent quality** in every bag of seed we deliver."

#### 2024 Soil Specific Seed Varieties

OHLDE SOYBEAN CHARACTERISTICS														
Variety	Relative Maturity	Technology	Field Emergence	Phytoh. Resist. Gene	Phytoph. Field Tol.	Iron Def. Chlorosis	Sudden Death Syndrome	SCN	Canopy Width	Shattering	Plant Height for Maturity	Standability	Planting Width	Seed Size Range
O 32F2	3.2	XtendFlex	2	NG	5	4	2	R	I	3	M+	1	Narrow	2,600-2,800
O 35F1	3.5	XtendFlex	2	1c	4	5	5	R	В	2	M+	3	All	2,600-2,800
O 36F3s&e	3.6	XtendFlex/STS/Salt Exc	2	3a	4	5	5	R	В	2	M+	3	All	2,400-2,800
O 37F3	3.7	XtendFlex	1	NG	4	6	3	R	IB	2	MT	5	All	2,600-3,000
O 38F3s	3.8	XtendFlex/STS	2	1a	2	5	2	R	I	2	M+	3	Narrow	2,600-3,000
O 39F3s	3.9	XtendFlex/STS	1	1c	5	5	5	R	I	2	Т	4	All	2,600-3,000
O 40F1s	4.0	XtendFlex/STS	1	1c	3	N/A	5	R	I	2	т	3	Narrow	2,500-2,800
O 40F4s&e	4.0	XtendFlex/STS/Salt Exc	2	1c	3	5	3	R	IB	2	MT	3	All	2,500-2,800
O 41F2	4.1	XtendFlex	2	1a	3	6	5	R	IB	2	MT	3	All	3,000-3,300
O 41F3s&e	4.1	XtendFlex/STS/Salt Exc	2	1a	3	5	3	R	IB	1	MT	5	All	3,000-3,300
O 41F4s	4.1	XtendFlex/STS	3	1c	5	N/A	N/A	R	I	2	Т	3	Narrow	3,000-3,200
O 42F1	4.2	XtendFlex	2	NG	5	N/A	4	R	I	2	M+	4	All	2,900-3,200
O 46F1s&e	4.6	XtendFlex/STS/Salt Exc	2	1c	4	2	2	R	IB	1	Т	5	All	2,600-3,000
O 46F3s&e	4.6	XtendFlex/STS/Salt Exc	2	1c	2	2	2	R	IB	3	MT	3	All	2,800-3,000
O 47F4s	4.7	XtendFlex/STS	1	1a	2	5	2	R	IB	2	M+	2	All	2,800-3,000
O 48F3s&e	4.8	XtendFlex/STS/Salt Exc	2	1c	3	5	3	R	IB	1	MT	2	All	2,600-2,800
O 49F4	4.9	XtendFlex	2	1k	2	N/A	3	R	IB	1	M+	2	All	3,000-3,200
2234E	3.4	Enlist E3	1	NG	3	3	2	R	IB	2	MT	3	All	2,500-2,800
2337E	3.7	Enlist E3/STS	2	1k	2	4	3	R	I.	2	MT	3	All	2,600-2,900
2438E	3.8	Enlist E3	2	1k	2	5	4	R	IB	2	MT	3	All	2,800-3,000
2239E	3.9	Enlist E3	1	1k	2	3	5	R	IB	2	M+	1	All	2,500-2,900
2340E	4.0	Enlist E3/STS	2	1c	3	5	5	R	I	2	M+	3	All	2,600-2,800
2441E	4.1	Enlist/STS	1	1c	3	N/A	6	R	IB	2	MT	3	All	2,800-3,000
2042E	4.2	Enlist E3/STS	2	NG	3	4	5	R	IB	1	M+	2	All	2,800-3,100
2342E	4.2	Enlist E3	1	NG	3	4	5	R	IB	2	M+	3	All	2,800-3,000
2443E	4.3	Enlist E3/STS	1	1k	3	N/A	3	R	IB	1	MT	3	All	2,800-3,100
2146E	4.6	Enlist E3/STS	2	1k	4	2	N/A	R	IB	2	MT	3	All	2,600-2,900
2249E	4.9	Enlist E3/STS	1	NG	4	N/A	4	R	IB	2	MT	3	All	2,800-3,100

#### **OHLDE NUMBERING SYSTEM** (EXAMPLE)



#### PLANT STYLE:

N = Narrow I = Intermediate B = Bush

#### PLANT HEIGHT:

M = Medium

T = Tall

MT = Medium Tall

Excluder = Salt Excluder

#### **TECHNOLOGY:**

E = Enlist E3\* F = XtendFlex®

STS = Sulfonylurea Tolerant Soybean

SCN Tolerance R = Resistant MR = Moderately Resistant



# SOYBEANS

#### RATINGS



Seed containing the XtendFlex<sup>\*</sup> traits can only be used to plant a single commercial crop. It is unlawful to save and replant XtendFlex<sup>\*</sup> soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

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### SOYBEANS



Corteva Agriscience is a member of Excellence Through Stewardship<sup>®</sup> (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance Corteva Agrisciences 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.

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, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience. 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.



IRM - Properly managing trait technology is key to preserving it as a long-term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to www.corteva.us/ Resources/trait-stewardship.html to download the latest Corteva Agriscience Corn Product Use Guide.

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.

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 are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions. Enlist E3" soybeans were jointly developed by Corteva Agriscience and MS Technologies, LLC. \*\*\* Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup®, Roundup Ready, Zetchnology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASE Enlist<sup>®</sup>, Colex-D®, and Refuge Advanced® are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

PCE – PowerCore<sup>®</sup> Enlist<sup>®</sup> Refuge Advanced<sup>®</sup> corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.

PWE – PowerCore® Enlist® corn products with HX1, VTP, ENL, LL, RR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Enlist products.



# THE ENLIST<sup>™</sup> WEED CONTROL SYSTEM FROM OHLDE SEED

Throughout our large territory, Ohlde Seed Farms has built a reputation on having the latest genetics and trait technologies available to their valued customers. The Enlist<sup>™</sup> weed control system through the Field Forward<sup>™</sup> program for Enlist soybeans is no exception. We have a full lineup of Enlist varieties that give producers another solid option when it comes to a comprehensive weed control program.









<sup>1</sup> Based on approved EPA herbicide labels for the herbicides recommended for use in each system as of 10/28/2020.

<sup>2</sup> Results may vary, depending on rainfall and soil type. Always use dicamba with residual herbicides in pre-emergence and postemergence applications that have different, effective sites of action, along with other Diversified Weed Management Practices.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology–Derived Plant Products in Commolity Orops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or soli in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits 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. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

XtendiMax<sup>®</sup> herbicide with VaporGrip<sup>®</sup> Technology is part of the Roundup Ready<sup>®</sup> Xtend Crop System, is a restricted use pesticide and must be used with VaporGrip<sup>®</sup> Xtra Agent (or an equivalent vapor reducing agent). For approved tank–mix products (including VRAs and DRAs), nozzles and other important label information visit XtendiMaxAnolitaringRenuimements com

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba, glyphosate or glutisinate are approved for in-crop use with products with XtendHex<sup>®</sup> Technology. OVIV USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready Xtend<sup>®</sup> solveans or products with XtendHex<sup>®</sup> Technology. OVID

Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Products with XtendFlex<sup>®</sup> Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Us Guide for recommended weed control programs.

XtendilMax® is a restricted use pesticide. Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local dealer or representative for the product registration status in your state. Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready®, VaporGrip®, XtendFlex® and XtendilMax® are registered trademarks of Bayer Croup. LibertyLink® and the Water Droplet Design® is a trademark.

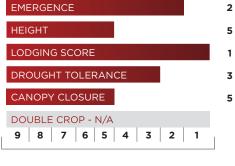
of BASF Corporation. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BWCR (1-866-992-2937) or visit our website at www.BayerCorpScience us. Bayer CropScience LP. 800 North Lindbergh Boulevard, St. Louis, MO 63167. @2020 Dayer Croup, All rights reserved.

### **0 32F2** Rel. Maturity: 3.2

#### Know2Grow<sup>™</sup> OBSERVATIONS

- Excellent emergence and standability with a medium stature plant type
- Great on Sudden Death Syndrome
- Very consistent top performing line

#### PLANT TRAITS



#### DISEASE TOLERANCE

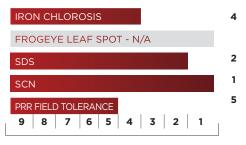
RECOMMENDED YIELD ENVIRONMENTS

90%

Medium Yield

80%

Low Yield

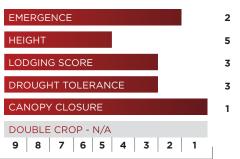


### **0 35F1** Rel. Maturity: 3.5

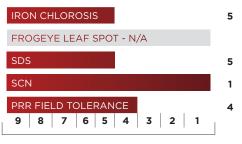
#### Know2Grow™ OBSERVATIONS

- Exceptional early season growth and appearance
- Medium-Plus plant height with very good standability
- Displays exceptional lateral branching and will be quick to canopy to help shade out those weeds
- Top-end yield potential and a solid disease package makes this a great fit for those highyield environments

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity
Plant Height
Canopy Type
Salt Tolerance
Soil Type

TECHNOLOGY

SOYBEANS

TRAIT

3.2 Medium Plus Intermediate Includer All

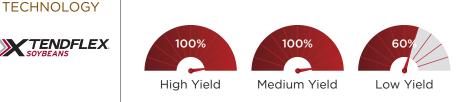
70%

High Yield

#### GENERAL CHARACTERISTICS

Maturity	3.5
Plant Height	Medium Plus
Canopy Type	Bush
Salt Tolerance	Includer
Soil Type	All

TRAIT

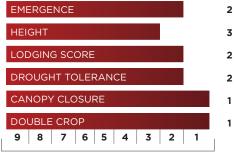


### **0 36F3s&e** Rel. Maturity: 3.6

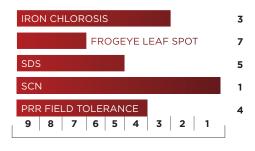
#### Know2Grow<sup>™</sup> OBSERVATIONS

- Robust plant style that will provide excellent canopy to help shade out weeds
- Medium-Tall plant height with very good standability for those high production acres
- Salt Excluder for those chloride sensitive acres and is stacked with STS
- Has shown to have a great yield response to a fungicide application
- This is the bean to watch in the 2023 K2G research trials





#### DISEASE TOLERANCE

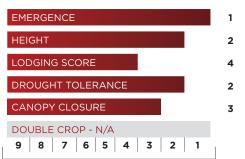


#### **O 37F3** Rel. Maturity: 3.7

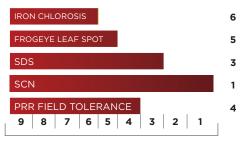
#### Know2Grow<sup>™</sup> OBSERVATIONS

- Medium-Tall plant height that is robust and provides good canopy
- Outstanding seedling vigor that will provide quick and strong field emergence
- Excellent yield potential bean that can handle heat and drought stress
- Very good on Sudden Death Syndrome

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity	3.6
Plant Height	Medium-Tall
Canopy Type	Bush
Salt Tolerance	Excluder
Soil Type	All



#### GENERAL CHARACTERISTICS

Maturity	3.7
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Includer
Soil Type	All

#### TRAIT TECHNOLOGY



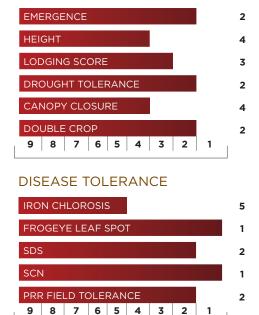


### O 38F3s Rel. Maturity: 3.8

#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Medium plant height with great fall appearance
- > Great fit for those dryland acres
- > Is stacked with STS for those double crop needs
- > Excellent SDS tolerance

#### **PLANT TRAITS**

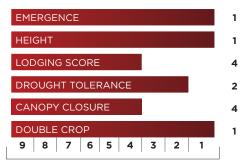


### O 39F3s Rel. Maturity: 3.9

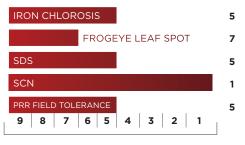
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Excellent early season growth line that provides tall plant height
- > Upright plant style that would favor narrow rows
- > Is stacked with STS
- > Proved to be a tough line in 2022 for those marginal acres

#### PLANT TRAITS



#### DISEASE TOI FRANCE



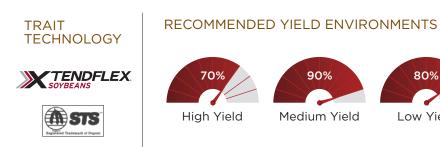
#### **GENERAL CHARACTERISTICS**

Maturity	
Plant Height	
Canopy Type	
Salt Tolerance	
Soil Type	

3.8 Medium Plus Intermediate Includer All

#### **GENERAL CHARACTERISTICS**

Maturity	3.9
Plant Height	Tall
Canopy Type	Intermediate
Salt Tolerance	Includer
Soil Type	All

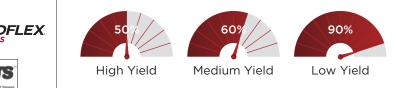


#### TRAIT TECHNOLOGY

80%

Low Yield



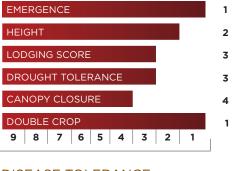


### O 40F1s Rel. Maturity: 4.0

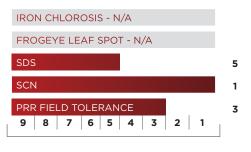
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Tremendous early season vigor and emergence to get up and going guickly
- > Beautiful fall appearance and provides harvest ease
- > Has STS for those double crop needs both irrigated or dryland
- > Tough acre line that also has the yield potential you want

#### **PLANT TRAITS**



#### DISEASE TOI FRANCE

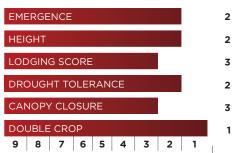


### **O 40F4s&e** Rel. Maturity: 4.0

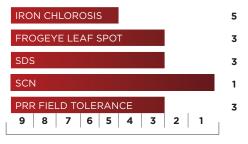
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > A new 4.0 maturity line that is a Salt Excluder and stacked with STS
- > Medium-Tall plant height that provides good crop canopy
- > Excellent yield data in 2022 on those tough Kansas dryland acres
- > Top-of-line disease package helps contribute to 40F4's vield
- > Good scores on SDS, SCN, Frogeve and PRR

#### PLANT TRAITS



#### DISEASE TOI FRANCE



#### GENERAL CHARACTERISTICS

Maturity	4.0
Plant Height	Tall
Canopy Type	Intermedi
Salt Tolerance	Include
Soil Type	All

### iate r

#### RECOMMENDED YIELD ENVIRONMENTS **TECHNOLOGY** SOYBEANS 80% High Yield Medium Yield



Low Yield

90%

#### **GENERAL CHARACTERISTICS**

TRAIT

Maturity	4.0
Plant Height	Medium-Tall
Canopy Type	Intermediate Bu
Salt Tolerance	Excluder
Soil Type	All

# ısh



#### High Yield

Medium Yield

Low Yield

80%

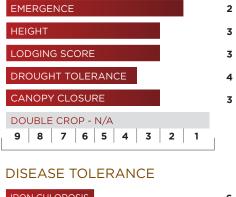
TRAIT

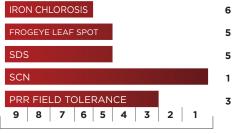
#### **O** 41F2 Rel. Maturity: 4.1

#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Robust plant style which displays an upright unique leaf angle
- Shows good resistance to SCN and Southern Stem Canker
- Adapts well in all soil types
- > Optimum performance in better producing soils

#### **PLANT TRAITS**



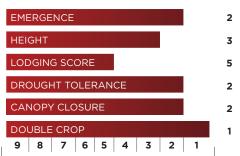


### O 41F3s&e Rel. Maturity: 4.1

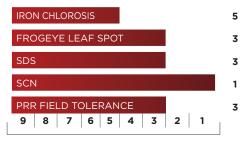
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Medium-Tall plant height that provides very good canopy
- > Shows good resistance to SDS, SCN, PRR, Frogeye and Southern Stem Canker
- > Consistent performing line with attractive fall appearance
- > Is a Salt Excluder and stacked with STS
- > Tough acre line that also has great yield potential for variable KS acres

#### **PLANT TRAITS**



#### DISEASE TOI FRANCE



#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	
Canopy Type	
Salt Tolerance	
Soil Type	

4.1 Medium-Tall Intermediate Bush Includer All

#### **RECOMMENDED YIELD ENVIRONMENTS** TRAIT **TECHNOLOGY**





High Yield



Low Yield

#### **GENERAL CHARACTERISTICS**

Maturity	4.1
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Excluder
Soil Type	All

#### TRAIT **TECHNOLOGY**



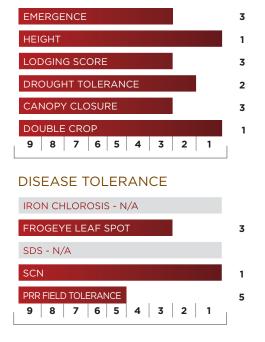


### O 41F4s Rel. Maturity: 4.1

#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Tall plant height with an upright narrow plant style that favor narrow rows
- > Excellent vield data in 2022 on tough Kansas dryland acres
- > Is stacked with STS

#### PLANT TRAITS



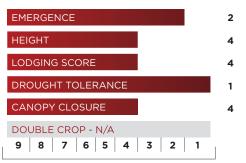
NEW

#### O 42F1 Rel. Maturity: 4.2

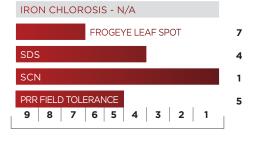
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Consistent performing line across all soil types in 2020, 2021 and 2022
- > Medium-Tall plant height with a medium canopy
- > Displayed excellent tolerance to heat and drought stress
- > This is a go-to line for those Kansas dryland acres

#### **PLANT TRAITS**



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	
Canopy Type	Inte
Salt Tolerance	In
Soil Type	

Tall rmediate ncluder All

High Yield

4.1

#### **GENERAL CHARACTERISTICS**

Maturity	4.2
Plant Height	Medium Plus
Canopy Type	Intermediate
Salt Tolerance	Includer
Soil Type	All







#### RECOMMENDED YIELD ENVIRONMENTS



#### Low Yield

#### TRAIT **TECHNOLOGY**

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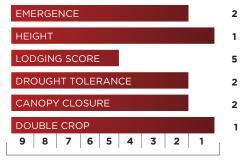


### O 46F1s&e Rel. Maturity: 4.6

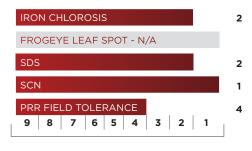
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Elite genetics that dominated in the 2019, 2021 and 2022 data vs the best RR2 Xtend & XF's in the marketplace
- > Top-of-the-line disease package and is a salt excluder for those high pH situations
- > Has STS and is a great double crop option
- > Excels in those medium to low vielding environments
- > This is the bean to have on vour farm

#### **PLANT TRAITS**



#### DISEASE TOI FRANCE

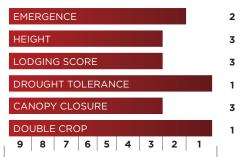


### O 46F3s&e Rel. Maturity: 4.6

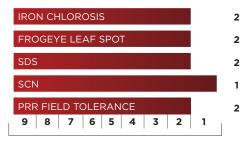
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Medium to Medium-Tall plant height with a desirable crop canopy
- > Extremely Tough XF line that is a perfect fit for tough acres in south central KS
- > Moves south extremely well keeping its plant height
- > Is stacked with STS and is a Salt Excluder

#### PLANT TRAITS



#### DISEASE TOI FRANCE



#### GENERAL CHARACTERISTICS

Maturity	4.6
Plant Height	Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Excluder
Soil Type	All

#### **GENERAL CHARACTERISTICS** . . . ..

Maturity	4.6
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Excluder
Soil Type	All

4.0







**RECOMMENDED YIELD ENVIRONMENTS** 

High Yield



#### TRAIT **TECHNOLOGY**

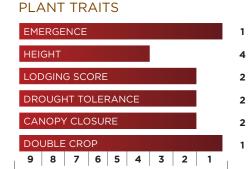




### **O 47F4s** Rel. Maturity: 4.7

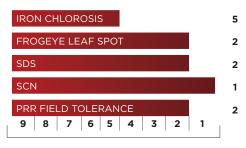
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > A new 4.7 maturity line that has Medium-Plus plant height with a intermediate bush canopy type
- > Provides good standability for those high production acres
- > Strong emergence and tremendous early season growth
- > Was consistently a top performing line in the 2022 K2G trials
- > This is one to watch in the 2023 K2G Research Trials



NEW

#### DISEASE TOI FRANCE

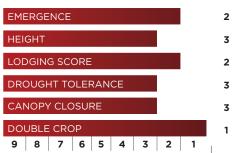


### **O 48F3s&e** Rel. Maturity: 4.8

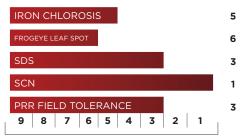
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Medium-Tall plant height with excellent standability
- > Intermediate bush canopy soybean that could favor narrow rows
- > Is a Salt Excluder and is stacked with STS
- > Provides an outstanding agronomic disease package

#### **PLANT TRAITS**



#### DISEASE TOI FRANCE



#### GENERAL CHARACTERISTICS

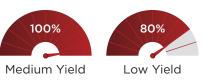
4.7 **Medium Plus** Intermediate Bush Includer All

#### **GENERAL CHARACTERISTICS**

Maturity	4.8
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Excluder
Soil Type	All



#### **RECOMMENDED YIELD ENVIRONMENTS**



#### TRAIT TECHNOLOGY

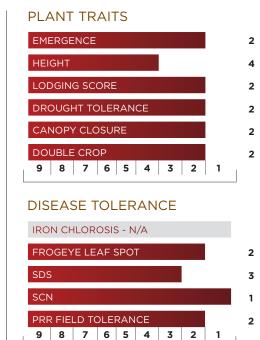




### **0 49 F4** Rel. Maturity: 4.9

#### Know2Grow<sup>™</sup> OBSERVATIONS

- Medium-Plus plant height with good plant standability
- Very good on Frogeye and SDS
- Consistent performing line with attractive fall appearance



NEW

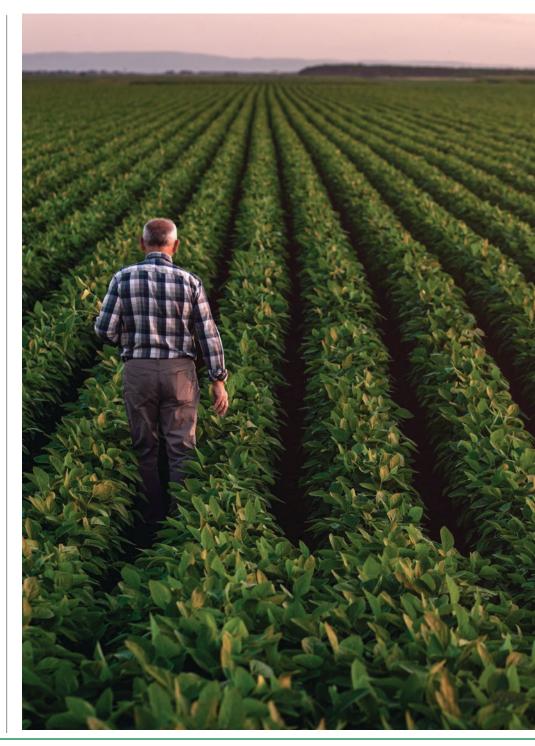
#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	
Canopy Type	In
Salt Tolerance	
Soil Type	

4.9
Medium Plus
ntermediate Bush
Includer
All

 TRAIT<br/>TECHNOLOGY
 RECOMMENDED YIELD ENVIRONMENTS

 Image: Soveral and Sovera and Sovera and Soveral and Soveral and Sovera and So







### **ENLIST® WEED CONTROL SYSTEM**-PROVEN CONTROL OF TOUGH WEEDS

Enlist Duo<sup>®</sup> and Enlist One<sup>®</sup> herbicides with Colex-D<sup>®</sup> technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist<sup>®</sup> crops.



Enlist Duo® COLEX-D° technology

- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yieldrobbing weeds and help prevent resistance

Enlist One® COLEX+D° technology

- Straight-goods
   2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty<sup>®</sup> herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

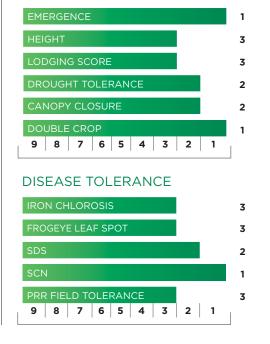
#### **On-Target Application**

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

#### Know2Grow<sup>™</sup> OBSERVATIONS

- Easy button variety that has the guts for those tough acres and has great yield potential
- Great choice for a mid Group
   3 maturity E3 line
- Medium-Tall plant height with excellent canopy

#### PLANT TRAITS

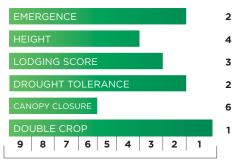


### **2337E** Rel. Maturity: 3.7

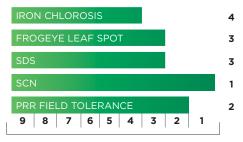
#### Know2Grow<sup>™</sup> OBSERVATIONS

- > Medium-Tall plant height
- Narrow plant structure that could favor narrow rows
- > Good tolerance to SDS
- Is stacked with STS

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	
Canopy Type	
Salt Tolerance	
Soil Type	

3.4 Medium-Tall Intermediate Bush Includer All

#### GENERAL CHARACTERISTICS

3	Maturity
Medi	Plant Height
Interr	Canopy Type
Inc	Salt Tolerance
1	Soil Type

3.7 edium-Tall ermediate Includer All



#### TRAIT TECHNOLOGY

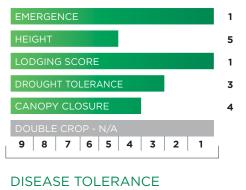




#### Know2Grow™ OBSERVATIONS

- A 3.9 maturity bean that gives you top-notch yield potential and standability
- Top performer in the high production environments in the 2021 and 2022 K2G research trials
- Intermediate canopy that would favor narrow rows
- This is a must have bean on those irrigated acres

#### PLANT TRAITS



# IRON CHLOROSIS 3 FROGEYE LEAF SPOT 4 SDS 5 SCN 1 PRR FIELD TOLERANCE 2 9 8 7 6 5 4 3 2 1

### 2438E Rel. Maturity: 3.8

#### Know2Grow<sup>™</sup> OBSERVATIONS

> A new 3.8 maturity E3 line

2022 K2G Master Plots

canopy

this one

that was a top performer in

> Medium to Medium-Tall plant

height with average plant

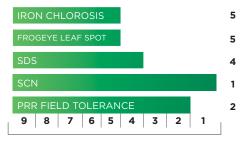
Be sure to check the 2023
 K2G Research results on

PLANT TRAITS



NEW

#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	M
Canopy Type	Inter
Salt Tolerance	
Soil Type	

5.9
Medium Plus
termediate Bush
Includer
All

7 0

#### GENERAL CHARACTERISTICS

Maturity	3.8
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Includer
Soil Type	All





#### RECOMMENDED YIELD ENVIRONMENTS



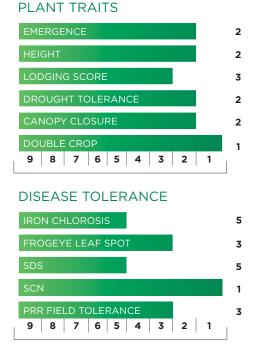
#### TRAIT TECHNOLOGY





#### Know2Grow<sup>™</sup> OBSERVATIONS

- Exceptional early season growth that is agresssive out of the ground
- A very prolific plant style with a medium plant height
- Provides very good plant canopy
- Is stacked with STS and is an excellent choice for those double crop better producing acres



#### IRON CHLORO

#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	Med
Canopy Type	Interm
Salt Tolerance	In
Soil Type	

Medium Plus termediate Bush Includer All

4.0

2441E Rel. Maturity: 4.1

Know2Grow<sup>™</sup> OBSERVATIONS

> A new 4.1 E3 line that

displayed consisent

good plant canopy

performance in the low

> Medium-Tall plant height with

> Has STS for double crop acres

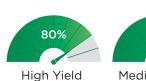
vielding environments

#### GENERAL CHARACTERISTICS

Maturity	4.1
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Includer
Soil Type	All







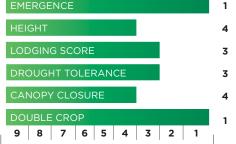


RECOMMENDED YIELD ENVIRONMENTS

#### TRAIT



### PLANT TRAITS



**NEW** 

#### DISEASE TOLERANCE

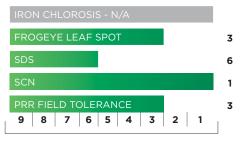
RECOMMENDED YIELD ENVIRONMENTS

70%

High Yield

80%

Medium Yield





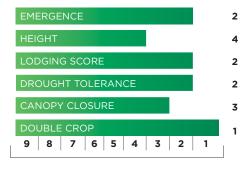
90%

Low Yield

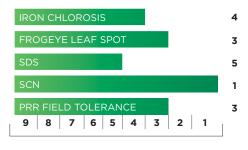
#### Know2Grow<sup>™</sup> OBSERVATIONS

- Excellent yield potential and brings good yield stability for tough acres
- Works very well north to south
- Medium plant height stacked with STS
- Has shown very good standability

#### PLANT TRAITS



#### DISEASE TOLERANCE



### **2342E** Rel. Maturity: 4.2

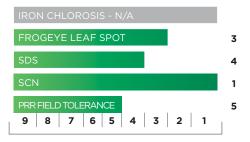
#### Know2Grow™ OBSERVATIONS

- Medium-Plus plant height with exceptional plant width to help shade out weeds
- Provides strong early season plant emergence and a beautiful fall appearance
- Plant on your hills or your bottoms, this bean can go just about anywhere
- Consistent top performer in the 2021 and 2022 K2G research trials
- > This is the bean to have on your farm in 2024

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### **GENERAL CHARACTERISTICS**

Maturity	
Plant Height	Mec
Canopy Type	Interm
Salt Tolerance	In
Soil Type	

#### GENERAL CHARACTERISTICS

Maturity	4.2
Plant Height	Medium Plus
Canopy Type	Intermediate Bush
Salt Tolerance	Includer
Soil Type	All

### TRAIT TECHNOLOGY



RECOMMENDED YIELD ENVIRONMENTS



#### TRAIT TECHNOLOGY

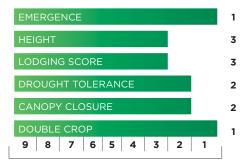




#### Know2Grow<sup>™</sup> OBSERVATIONS

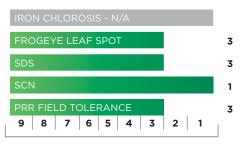
- Medium-Tall plant height with a very unique robust plant style
- Impressive early season growth that will be quick to canopy
- Great performance in the 2022 K2G Master plots
- > Be sure to check out the results on this one

#### PLANT TRAITS



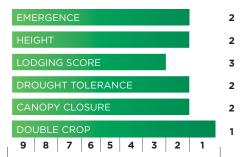
NEW

#### DISEASE TOLERANCE

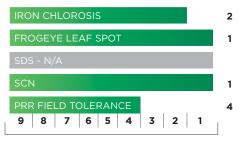


#### Know2Grow<sup>™</sup> OBSERVATIONS | PLANT TRAITS

Rel. Maturity: 4.6



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity	
Plant Height	Med
Canopy Type	Interme
Salt Tolerance	In
Soil Type	

4.3 Medium-Tall termediate Bush Includer All

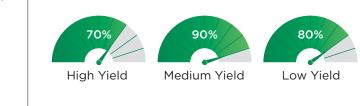
#### GENERAL CHARACTERISTICS

Maturity	4.6
Plant Height	Medium-Tall
Canopy Type	Intermediate Bush
Salt Tolerance	Excluder
Soil Type	All
Canopy Type Salt Tolerance	Intermediate Bush Excluder





#### **RECOMMENDED YIELD ENVIRONMENTS**



#### TRAIT TECHNOLOGY

**2146E** 

situations

its height

soils

> Medium-Tall plant height that

> Is a Salt Excluder for high salt

> Performs even on those light

> Moves south well maintaining

> Displays good stress tolerance

is stacked with STS

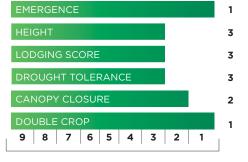




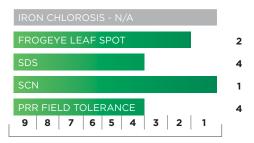
#### Know2Grow<sup>™</sup> OBSERVATIONS

- Outstanding seedling vigor for quick emergence
- Is stacked with STS for double crop situations
- Medium-Tall plant with good standability and excellent yield potential
- Has a nice agronomic package which contributes to its yield
- > Is a Salt Excluder and is a great choice for high pH soils

#### PLANT TRAITS



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

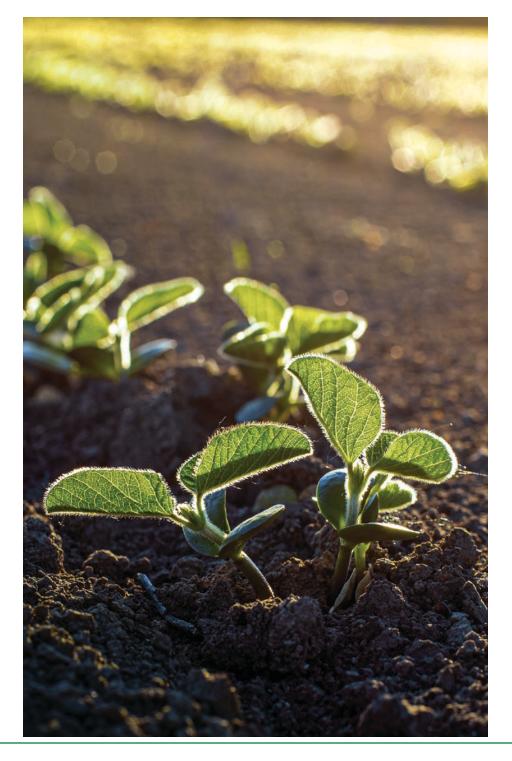
Maturity	
Plant Height	I
Canopy Type	Inte
Salt Tolerance	
Soil Type	

-110
Medium-Tall
termediate Bush
Excluder
All

49

TRAIT TECHNOLOGY





### 2024 SOYBEAN VARIETY NOTES


### Think Before You Bin Run

**Verification Required** The last patent on the original Roundup Ready<sup>®</sup> soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready<sup>®</sup> soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready<sup>®</sup> soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

**Yield Loss** Roundup Ready 2 Yield<sup>®</sup> soybean, Roundup Ready 2 Xtend<sup>®</sup> soybean, and XtendFlex<sup>®</sup> soybean varieties typically have a higher yield opportunity than Roundup Ready<sup>®</sup> soybean varieties.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

**Increased Seed Management** If you plan to save and bin-run Roundup Ready<sup>®</sup> soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

### High Value of New Branded Seed

#### Latest Technology

// High-yielding soybean technologies

// Better variety options

// Leading seed treatment options

#### **Customer Service**

// Dealer agronomic support before and after the sale

// Replant policy support
// Convenient packaging and delivery

#### **Reliable Germination and Quality**

// Rigorously tested and meets U.S. Federal Seed Act requirements// Free of seed-borne diseases// Properly stored and conditioned

#### For a list of Bayer's trait patents go to cs.bayerpatents.bayer.com

For questions regarding seed intellectual property, or to anonymously report a saved seed tip, you can contact Bayer in the following ways:

#### 1. Call 1-866-99-BAYER

Send a letter: Trait Stewardship, 622 Emerson Road, Suite 150, Creve Coeur, MO 63141
 Submit a contact request at cropscience.bayer.us/contact or scan the QR code



Bayer is a member of the Seed Innovation and Protection Alliance. Visit www.seedipalliance.com to learn more. SIPA<sup>™</sup> is a trademark of the Seed Innovation and Protection Alliance.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits 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. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready<sup>®</sup> Technology contains genes that confer tolerance to glyphosate. Roundup Ready<sup>®</sup> 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex<sup>®</sup> Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex<sup>®</sup> Technology contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolera

Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready<sup>®</sup> Xtend Crop System weed control programs. Bayer, Bayer, Cross, Roundup Ready 2 Xtend<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, Roundup Ready<sup>®</sup> and XtendFlex<sup>®</sup> are registered trademarks of Bayer Group. LibertyLink<sup>®</sup> and the Water Droplet Design<sup>®</sup> is a trademark of BASF Corporation. ©2022 Bayer Group. All rights reserved.

## **GRAIN SORGHUM**



#### RATINGS





### 0 533 Early

#### KNOW2GROW™ OBSERVATIONS

- Brings excellent yield potential and strong stress tolerance
- Early maturity that will stand well under stress with great head exertion
- > Displays a bronze, semi-open head
- > Will work in a double crop market as well with its early maturity
- > Outstanding results in Know2Grow<sup>™</sup> performance trials

GENERAL CHARACTERISTICS

Bronze 2

Semi-open

2 2

60

Grain Color

High Yield

Stalk Strength Head Type

Drought Tolerance

Davs to Mid Bloom

#### PLANT TRAITS



### O 570 Medium-Full

#### KNOW2GROW™ OBSERVATIONS

- Has displayed good Sugarcane Aphid tolerance
- Excellent top-end yield and test weight
- Great option for irrigated and highly productive dryland acres
- Very good stalks and roots for a moderately tall hybrid
- Provides exceptional threshability for harvesting ease

#### PLANT TRAITS



#### GENERAL CHARACTERISTICS

Grain Color	Red
Stalk Strength	2
Head Type	Compact
Drought Tolerance	5
High Yield	1
Days to Mid Bloom	71



### Bloom **71**



### O 584 Medium

#### KNOW2GROW<sup>™</sup>

**OBSERVATIONS** 

- Not only brings an excellent yield punch but also tolerates Sugarcane Aphids
- Medium maturity that will stand well under stress
- Displays a bronze, semi-compact head
- Medium-Tall plant height that expresses high Stay-Green

#### PLANT TRAITS



#### GENERAL CHARACTERISTICS

Bronze
3
Semi-Compact
2
2
66



Ohlde Seed Farms is pleased to offer John Deere Financial financing options for the 2024 planting season. John Deere Financial is a dependable source of credit for approved accounts. Over 500,000 farmers and ranchers throughout the United States use John Deere Financial.

#### Using financing from John Deere Financial offers the following benefits:

- Flexible financing needs for everyday essentials and seasonal inputs
- Consolidated agriculture purchases on one account
- Instant online access at MyJDFAccount.com

For more information about this program and other dependable financing solutions, please contact John Deere Financial at 1-800-356-9033 or visit www.JohnDeereFinancial.com.



### **SORGHUM SUDAN**

YIELD FOR MATURITY

STANDABILITY

HEIGHT

HAYING

GRAZING

**RE-GROWTH** 

9 8 7 6 5 4 3 2 1

FINE STEM

### FORAGES

### O 114 112-114 Day

#### KNOW2GROW™ OBSERVATIONS

1

2

2

1

1

3

1

- One of the best sorghum silage products on the market - will equal corn feeding values
- 6-8 feet tall with great stalk quality for standability
- > Leafy product that loads up with grain for tonnage
- > Full season type product, plant before June 10th for best results

#### PLANT TRAITS

YIELD FOR MATURITY	1
STANDABILITY	1
HEIGHT	5
FINE STEM	8
HAYING	9
SILAGE	1
GRAIN PRODUCTION	1
9 8 7 6 5 4 3 2 1	

### KNOW2GROW™ PLANT TRAITS

Sugar Sweet BMR

- > Extra fine stalks with fast re-growth for top-notch sudan production
- BMR-6 gene for extra feeding value that cows love to eat
- This product works extremely well for haying and grazing with its quick growth and fine stems
- > Male sterile

#### GENERAL CHARACTERISTICS

Plant Height	3
Stalk Strength	2
Tonnage	1
Silage Potential	5
Grazing Potential	1
Regrowth	1

#### GENERAL CHARACTERISTICS

# Plant Height5Stalk Strength2Tonnage1Silage Potential1Grazing Potential4Regrowth9



#### Ohlde Seed Farms is offering you the following John Deere Financial financing options for the 2024 planting season:

- O% Fixed Rate Seasonal Terms Ohlde Seed Farms offers customers a No-Payment, No-Interest, 0% fixed interest rate. No cash discounts apply. Payment in full is due by December 2024. This program is offered until February 15, 2024.
- Regular Purchase Offered by Ohlde Seed Farms for your everyday seed purchasing. Pay your monthly balance in full and accrue no finance charge or stretch your cash flow and make minimum monthly payments. Use for regular payments throughout the year.
- **120-day Interest Free Seasonal Terms** Ohlde Seed Farms offers 120 days with no interest. Best for short-term financing needs. Interest does not begin to accrue until after the deferral period has expired. This program is offered until March 15, 2024.

For additional financing options, please contact Ohlde Seed Farms.

For more information about establishing a John Deere Financial account, call John Deere Financial at 1-800-356-9033 or visit their website at www.JohnDeereFinancial.com to apply.

### Simple Seed Solutions<sup>sm</sup>

#### 2024 SEED GUIDE





**Ohlde Seed Farms** 

1577 4th Road | Palmer, Kansas 785.692.4555 | 877.692.4555 www.ohldeseed.com