





From our Know2Grow™ Research Program, we're anxious to share with you our 2023 corn hybrids, milo hybrids and soybean varieties. All are the results of extensive research and testing that enable us to provide – Simple Seed Solutions<sup>SM</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.

Each year, we invest heavily in our proven Know2Grow™ Research Program and build upon the many years of knowledge that we 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 this upcoming 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>SM</sup>.



From a technology perspective, without a Know2Grow™ 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™ Program to select a locally researched seed, engineered to thrive in your specific field and soil conditions.

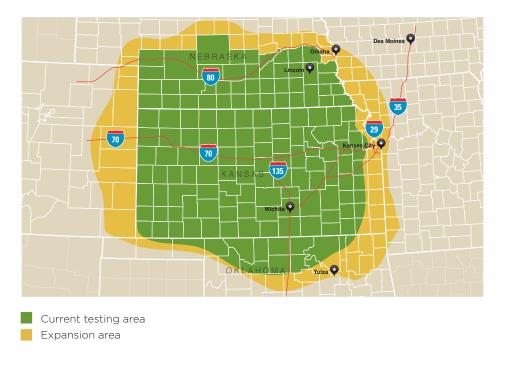


#### **TESTING SITES ARE IN A WIDE RANGE OF ENVIRONMENTS**

 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™, hundreds of hybrids are condensed and replicated throughout the plot to reduce variability, provide consistency, and provide accurate data.



#### **SRES RESEARCH PLANTER**

• The Know2Grow™ 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™ 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
- StayGreen
- 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.



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.

SmartStax® PRO corn products will be commercially available for the 2022 growing season.

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

Roundup Ready® 2Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex®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 BayerTechnology



















ammonium-based herbicides.

trademarks of a Syngenta Group Company







Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design® is a

Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready 2 Xtend®, Roundup Ready 2

high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate

Agrisure® Above, Agrisure® Total, Duracade™, DuracadeViptera™, DuracadeViptera™, Viptera™Z3, Viptera™Z3, E-Z Refuge® and Refuge Renew™ are

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

Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and XtendFlex® are trademarks of Bayer Group.

control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

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

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Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect sistance 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

6 OHIDE SEED FARMS

# **2023 Soil Specific** Seed Varieties

# **OHLDE CORN CHARACTERISTICS**

							MIN O	.,,									
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	So. Leaf Blight	Common Rust	Goss Wilt
O 28-95 VT2Pro RB / O 88-95 SS RB	1240	2380	5	5	2	2	3	2	2	4	SD	4	2	2	3	1	2
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 28-02 VT2 Pro RB	1260	2440	5	5	3	2	3	4	1	3	SF	3	6	3	1	3	5
O 88-04 SS RB	1276	2375	4	3	1	2	3	2	2	2	SF	5	3	3	2	3	2
O 20-05 VIP RB	1247	2710	2	2	1	1	4	3	1	6	F	1	2	2	2	3	1
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	N/A	1	1
O 24-05 VT2 Pro RB	1257	2635	5	5	1	2	2	4	5	5	SD	3	6	2	1	2	5
O 29-06 VT2 Pro RB	1243	2440	4	5	2	3	4	3	1	4	SF	5	6	3	3	2	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	N/A	1
O 22-10 VT2 Pro RB	1325	2740	3	3	3	3	2	1	2	2	SF	4	2	2	N/A	N/A	5
O 22-11 VT2Pro RB / O 82-11 SS RB	1376	2711	5	4	2	3	2	2	2	4	SD	4	4	2	2	N/A	2
O 22-12 TRE RB / O 82-12 SS RB	1389	2736	4	3	3	3	3	2	2	3	SD	4	4	3	2	N/A	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	3	4	4
O 20-13 DGVT2 Pro RB	1361	2708	3	3	3	5	2	2	3	2	SF	4	3	3	2	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	2	N/A	3
O 22-13 TRE RB	1401	2668	3	2	3	1	1	3	1	2	SD	4	2	2	2	N/A	5
O 28-13 VT2 Pro RB	1330	2840	2	3	4	1	5	2	1	1	F	4	4	2	3	3	5
O 21-14 PowerCore® Enlist®	1360	2855	1	1	2	1	4	2	4	5	SF	4	2	2	N/A	2	2
O 24-14 DGVT2 Pro RB	1392	2867	1	2	3	1	2	4	2	5	D	2	2	2	1	2	1
O 28-14 VT2 Pro RB	1340	2880	2	2	1	2	1	2	2	2	F	2	2	2	3	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 98-14	1335	2770	2	2	3	1	3	3	5	1	SF	1	4	3	4	2	3
O 22-15 VIP RB	1425	2780	3	3	2	2	2	2	3	3	F	2	3	1	2	4	1
O 23-16 VIP RB	1440	2700	3	4	1	2	2	1	3	1	SF	2	2	1	N/A	N/A	2
O 29-16 VT2 Pro RB	1391	2760	1	2	1	4	2	2	2	1	SF	5	3	3	3	2	3
O 21-17 VT2 Pro RB / O 81-17	1390	2870	2	2	3	2	2	1	4	1	SF	2	2	2	N/A	2	7
O 23-18 VT2Pro RB	1380	2880	2	2	3	1	1	2	4	2	SF	1	3	2	N/A	3	5

# CORN



## **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.

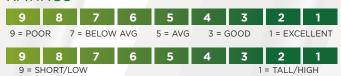
**OHLDE** NUMBERING SYSTEM (EXAMPLE)

0 24-05

TRAIT YEAR MATURITY

1st digit = Trait (in this case, a double pro) 2nd digit = Year of hybrid release (2014) Last 2 digits = Maturity (105 days)

#### **RATINGS**



#### **GROWING REGION**



























O 28-95 | VTDoublepro\*





#### **KNOW2GROW™** OBSERVATIONS

- > Excellent agronomics for heat and drought stress
- > Strong Goss's Wilt tolerance for corn on corn acres
- > Medium plant structure with excellent ear placement
- > Great yield punch and ability to adapt across environments

#### GENERAL CHARACTERISTICS

Maturity (Days)	95
Plant Height	5
Ear Height	5
Root Strength	3
Stalk Strength	2
High Yield	1
Medium Yield	2
Low Yield	2

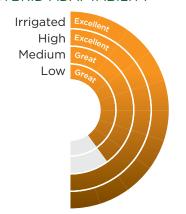
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABII ITY





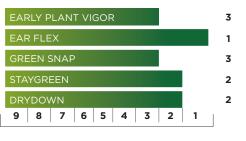




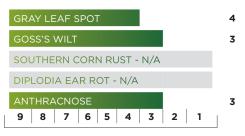
#### **KNOW2GROW™** OBSERVATIONS

- > 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 adaptibility hybrid that works in a wide geography and soil types
- > Provides excellent silage quality and tonnage

#### PLANT TRAITS



#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	98
Plant Height	3
Ear Height	2
Root Strength	2
Stalk Strength	3
High Yield	2
Medium Yield	1
Low Yield	3

#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





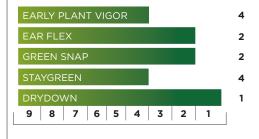
# O 28-02 | VIDoublepro



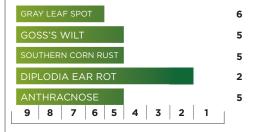
#### **KNOW2GROW™** OBSERVATIONS

- > Great yield potential in a fast drying product
- > Very good Green Snap tolerance
- > Girthy semi-flex ear type for moderate planting rates on those tougher dryland acres
- > Tough hybrid that will respond well to fungicide applications when needed

#### **PLANT TRAITS**



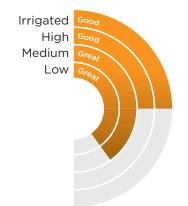
#### PLANT TOLERANCE



#### **GENERAL CHARACTERISTICS**

Maturity (Days)	102
Plant Height	5
Ear Height	5
Root Strength	3
Stalk Strength	3
High Yield	6
Medium Yield	3
Low Yield	1

#### HYBRID ADAPTABILITY



# O 88-04 | SmartStax

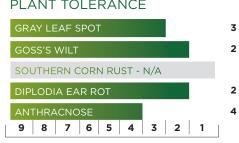


#### **KNOW2GROW™** OBSERVATIONS

- > 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

#### PLANT TRAITS

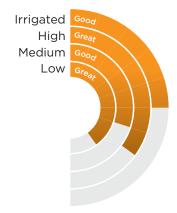




#### **GENERAL CHARACTERISTICS**

Maturity (Days)	104
Plant Height	4
Ear Height	3
Root Strength	3
Stalk Strength	2
High Yield	2
Medium Yield	3
Low Yield	1

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





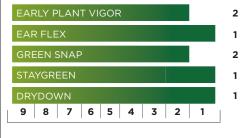




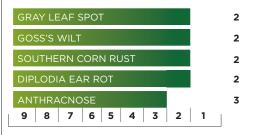
#### **KNOW2GROW™** OBSERVATIONS

- > Big robust plant style that has excellent stalks and roots with great StayGreen for late season harvest
- > Full ear flex style hybrid that is hard to find in 110 days and less
- > Can use this hybrid for dual purpose with high quality feed and tonnage

#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	105
Plant Height	2
Ear Height	2
Root Strength	4
Stalk Strength	3
High Yield	7
Medium Yield	3
Low Yield	1

#### HYBRID ADAPTABILITY



# O 21-05



O 81-05



#### **KNOW2GROW™** OBSFRVATIONS

- > 105 day DroughtGard® hybrid that handles the heat stress
- > Impressive early season growth
- > Excellent disease package helps this hybrid go anywhere
- > Fast drydown to help with timely harvest
- > Exhibits best in class Southern Rust tolerance

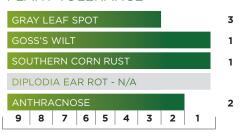
#### GENERAL CHARACTERISTICS

Maturity (Days)	105
Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	3
High Yield	3
Medium Yield	2
Low Yield	1

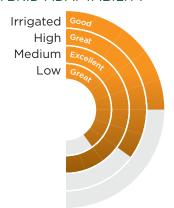
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





# O 24-05 | VIDOUBLEPRO



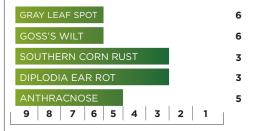
#### **KNOW2GROW™** OBSERVATIONS

- > Adds depth to the early lineup with a hybrid that has toughness as well as yield punch
- > Good StayGreen 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



#### PLANT TOLERANCE

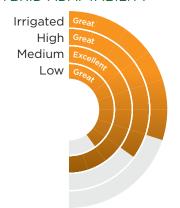
**PLANT TRAITS** 



#### GENERAL CHARACTERISTICS

Maturity (Days)	105
Plant Height	6
Ear Height	4
Root Strength	4
Stalk Strength	2
High Yield	3
Medium Yield	3
Low Yield	2

#### HYBRID ADAPTABILITY



# O 29-06 VIDoublepro



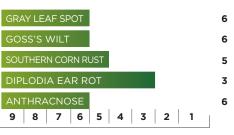
#### KNOW2GROW™ OBSERVATIONS

- > 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

#### PLANT TRAITS



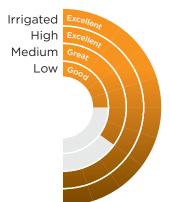
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	106
Plant Height	5
Ear Height	5
Root Strength	5
Stalk Strength	3
High Yield	1
Medium Yield	4
Low Yield	6

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**











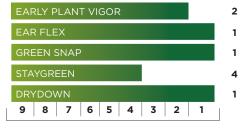
#### **KNOW2GROW™** OBSERVATIONS

- > Medium plant height with great tolerance to heat and drought stress
- > Once again this was a top performer in our Know2Grow™ research plots in all maturities from 112 days and earlier in 2021
- > 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 as an early corn

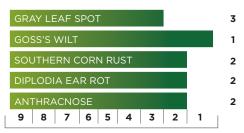
#### **GENERAL CHARACTERISTICS**

Maturity (Days)	108
Plant Height	4
Ear Height	4
Root Strength	4
Stalk Strength	4
High Yield	2
Medium Yield	1
Low Yield	3

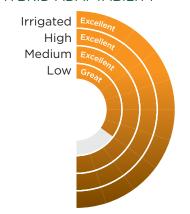
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABII ITY



# O 22-10 VIDoublepro



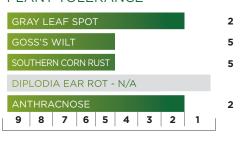
#### **KNOW2GROW™** OBSERVATIONS

- > 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**



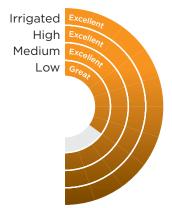
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	110
Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	1
High Yield	2
Medium Yield	1
Low Yield	3

#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





O 22-11



O 82-11



#### **KNOW2GROW™** OBSERVATIONS

- > Medium plant height with good ear placement
- > Top end yield punch to run with the full season hyrbids
- > Excels on those highly productive acres especially under irrigation
- > Responds extremely well to fungicide and high management
- > Exceptional drydown

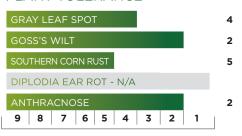
#### **GENERAL CHARACTERISTICS**

Maturity (Days)	111
Plant Height	5
Ear Height	4
Root Strength	2
Stalk Strength	1
High Yield	1
Medium Yield	2
Low Yield	5

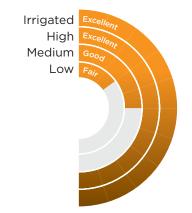
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY



# O 22-12 | Trecepta



O 82-12



#### KNOW2GROW™ OBSERVATIONS

- > Great irrigated product for Kansas and Nebraska that gives you the Trecepta trait option
- > Good ear placement for harvest ease
- > Consistent top perfromer in the high yielding environments in the Know2Grow™ trials
- > Moves south extremely well and can handle the heat stress
- > Solid Green Snap, Goss's Wilt and Drydown scores

#### GENERAL CHARACTERISTICS

Maturity (Days)	112
Plant Height	4
Ear Height	3
Root Strength	3
Stalk Strength	2
High Yield	1
Medium Yield	2
Low Yield	3

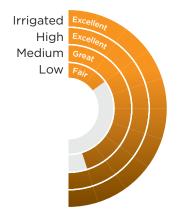
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



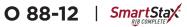
#### **CORN AFTER WHEAT**





O 28-12 | VTDoublePRO





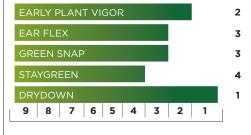
#### KNOW2GROW™ OBSERVATIONS

- > 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 yield environments
- Good drought stress tolerance but excellent top end yield punch

#### **GENERAL CHARACTERISTICS**

112
3
3
2
3
2
2
3

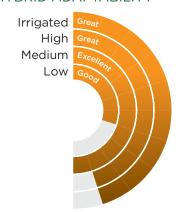
#### **PLANT TRAITS**



#### PLANT TOLERANCE

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

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**







# O 20-13

## **DroughtGard** VTDoublePR0

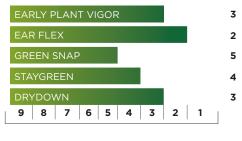
#### **KNOW2GROW™** OBSERVATIONS

- > Racehorse hybrid with high vield potential
- > Excels under those 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

Maturity (Days)	113
Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	3
High Yield	1
Medium Yield	1
Low Yield	7

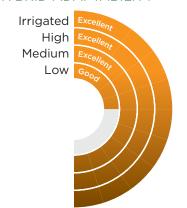
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY





O 81-13



#### **KNOW2GROW™** OBSERVATIONS

- > Dominated the 2019 and 2020 Know2Grow™ 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

#### GRAY LEAF SPOT

**GREEN SNAP** 

PLANT TRAITS

EARLY PLANT VIGOR

9 8 7 6 5 4 3

PLANT TOLERANCE



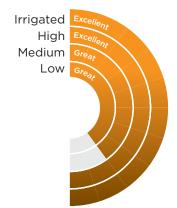
3

3

#### GENERAL CHARACTERISTICS

Maturity (Days)	113
Plant Height	2
Ear Height	4
Root Strength	2
Stalk Strength	2
High Yield	1
Medium Yield	2
Low Yield	3

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





**O 22-13** | *Trecepta* 



#### **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 adaptibility 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

Maturity (Days)	113
Plant Height	3
Ear Height	2
Root Strength	1
Stalk Strength	3
High Yield	4
Medium Yield	1
Low Yield	1

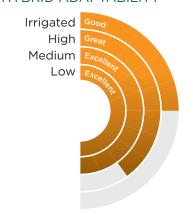
#### PLANT TRAITS



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY







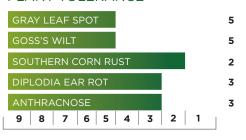
#### **KNOW2GROW™** OBSERVATIONS

- > 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

#### **PLANT TRAITS**



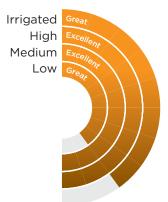
#### PLANT TOLERANCE



#### **GENERAL CHARACTERISTICS**

Maturity (Days)	113
Plant Height	2
Ear Height	3
Root Strength	5
Stalk Strength	2
High Yield	4
Medium Yield	1
Low Yield	2

#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### CROP ROTATIONS

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





# O 21-14





#### **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

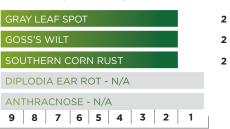
#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	1
Ear Height	1
Root Strength	4
Stalk Strength	2
High Yield	3
Medium Yield	1
Low Yield	2

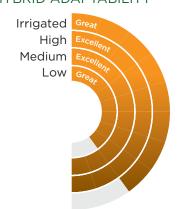
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY



# O 24-14

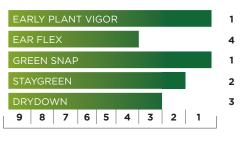




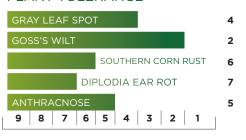
#### **KNOW2GROW™** OBSERVATIONS

- > Very good Goss's Wilt tolerance
- > Tall hybrid with Medium-high ear placement
- > Big-time yields under high yield environments
- > Tough hybrid with consistent ears under stress
- > Excellent silage product for quality and tonnage
- > Must manage Southern Rust if present
- > This has been an Ohlde go-to product

#### **PLANT TRAITS**



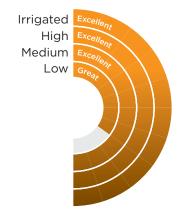
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	3
Ear Height	2
Root Strength	4
Stalk Strength	6
High Yield	1
Medium Yield	2
Low Yield	3

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**









#### **KNOW2GROW™** OBSERVATIONS

- > Dominated Ohlde Know2Grow™ Plots across all yield environments
- > Outstanding yield, excellent roots, StayGreen, and disease package make this hybrid a shining star in our lineup
- > Big robust plant style with outstanding ear flex
- > This is a must plant hybrid

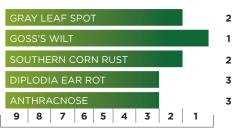
#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	3
Ear Height	3
Root Strength	1
Stalk Strength	2
High Yield	1
Medium Yield	1
Low Yield	3

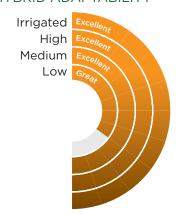
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY





0 89-14



#### **KNOW2GROW™** OBSFRVATIONS

- > 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 loams and better yield environments
- > Can handle the heat and drought stress

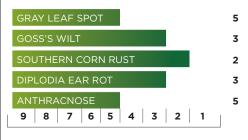
#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	4
Ear Height	4
Root Strength	2
Stalk Strength	2
High Yield	1
Medium Yield	1
Low Yield	5

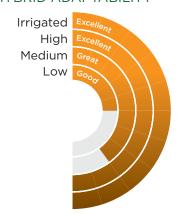
#### **PLANT TRAITS**



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



**CORN AFTER BEANS** 



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**





# O 98-14 | CONVENTIONAL



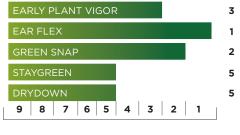
#### **KNOW2GROW™** OBSERVATIONS

- > This conventional product brings an excellent dual purpose product that handles heat and stress but doesn't sacrifice yield
- > Excellent StayGreen to stay intact for late season harvest and good disease package
- > Works well in a broad range of yield environments with a big robust plant style and excellent ear placement
- > Very good early vigor to get out of the ground and going

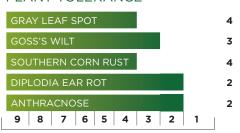
#### GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	2
Ear Height	2
Root Strength	3
Stalk Strength	3
High Yield	3
Medium Yield	3
Low Yield	2

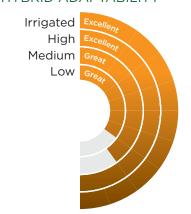
#### PLANT TRAITS



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY



# O 22-15 | Viptera

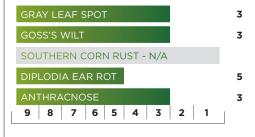
#### **KNOW2GROW™** OBSERVATIONS

- > If you are looking for a reliable Viptera traited product in medium to low yielding environments, look no further
- > Exceptional ear flex that will work at a wide range of populations
- > Great late season stalks and roots and provides harvest ease
- > Very good on Northern Corn Leaf Blight and Goss's Wilt

#### **PLANT TRAITS**



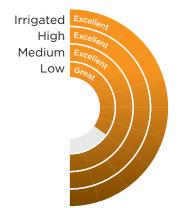
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	115
Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	2
High Yield	5
Medium Yield	2
Low Yield	3

#### HYBRID ADAPTABII ITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



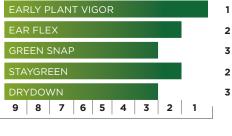




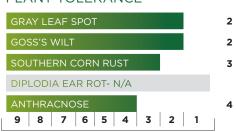
#### **KNOW2GROW™** OBSERVATIONS

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

#### **PLANT TRAITS**



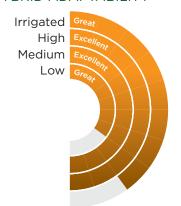
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	116
Plant Height	3
Ear Height	4
Root Strength	2
Stalk Strength	1
High Yield	4
Medium Yield	1
Low Yield	2

#### HYBRID ADAPTABILITY







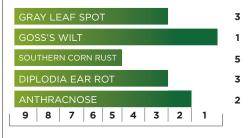
#### **KNOW2GROW™** OBSERVATIONS

- > Great defensive corn with StayGreen and late season intactness
- > Big robust plant style
- > Excellent ratings on early season Green Snap with strong stalks and roots

#### **PLANT TRAITS**



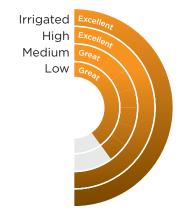
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity (Days)	116
Plant Height	1
Ear Height	2
Root Strength	1
Stalk Strength	1
High Yield	1
Medium Yield	3
Low Yield	5

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**







O 81-17



#### **KNOW2GROW™** OBSERVATIONS

- > Full season hybrid with big-time vields
- > 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® and SmartStax® versions
- > Was the top performer across all yield environments in Southern KS in 2021

#### GENERAL CHARACTERISTICS

Maturity (Days)	117
Plant Height	2
Ear Height	2
Root Strength	2
Stalk Strength	1
High Yield	1
Medium Yield	2
Low Yield	3

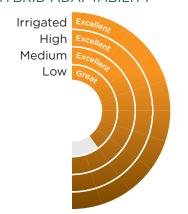
#### PLANT TRAITS



#### PLANT TOLERANCE



#### HYBRID ADAPTABILITY





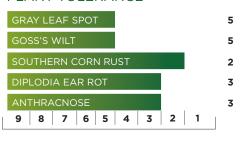
#### **KNOW2GROW™** OBSERVATIONS

- > A new full season hybrid that has proven to withstand those low yielding 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 Kansas I-70 and south in to north central Oklahoma

#### **PLANT TRAITS**



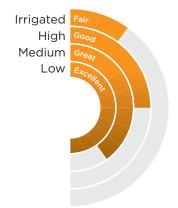
#### PLANT TOLERANCE



#### GENERAL CHARACTERISTICS

laturity (Days)	118
Plant Height	2
ar Height	2
Root Strength	1
Stalk Strength	2
ligh Yield	6
1edium Yield	2
ow Yield	1

#### HYBRID ADAPTABILITY



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**



#### **CORN AFTER BEANS**



#### **CROP ROTATIONS**

#### **CORN AFTER CORN**



#### **CORN AFTER WHEAT**







# 2023 CORN HYBRIDS NOTES





## **2023 Soil Specific** Seed Varieties

				OHL	DE SO	BEAN	CHARA	CTEF	RISTIC	S				
Variety	Relative wMaturity	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	ı	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	2	3a	4	5	5	R	IB	2	MT	2	All	2,400-2,800
O 37F3	3.7	XtendFlex	1	NG	4	6	3	R	1	2	MT	5	All	2,600-3,000
O 38F3s	3.8	XtendFlex/STS	2	1a	2	5	2	R	I	2	M+	2	Narrow	2,600-3,000
O 39F3s	3.9	XtendFlex/STS	1	1c	5	5	5	R	IB	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 40F3	4.0	XtendFlex	2	1c	3	3	2	R	IB	2	M+	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	2	1a	3	5	3	R	IB	1	MT	3	All	3,000-3,300
O 42F1	4.2	XtendFlex	2	NG	5	N/A	4	R	I	2	MT	4	All	2,900-3,200
O 45F3	4.3	XtendFlex	2	1c	2	3	3	R	IB	2	M+	3	All	2,800-3,000
O 46F1s&e	4.6	XtendFlex/STS	2	1c	4	2	2	R	IB	1	Т	5	All	2,600-3,000
O 46F3s&e	4.6	XtendFlex/STS	2	1k	4	3	2	R	IB	3	MT	3	All	2,800-3,000
O 47F2s	4.7	XtendFlex/STS	1	1c	4	6	4	R	I	2	M+	2	All	2,800-3,000
O 48F3e	4.8	XtendFlex	2	1c	3	5	3	R	IB	1	MT	2	All	2,600-2,800
2234E	3.4	Enlist E3	1	NG	3	3	2	R	IB	2	MT	3	All	2,500-2,800
2136E	3.6	Enlist E3	2	1k	2	N/A	3	R	IB	2	MT	3	All	2,600-2,900
2337E	3.7	Enlist E3/STS	2	1k	2	4	3	R	I	2	MT	3	All	2,600-2,900
2338E	3.8	Enlist E3	2	1a	3	4	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	1	2	M+	3	All	2,600-2,800
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
2144E	4.4	Enlist E3	2	1k	1	N/A	N/A	R	IB	1	M+	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)** 



3.6 FLEX YEAR STS SALT MATURITY TRAIT

**EXCLUDER** 

#### PLANT STYLE:

N = Narrow

I = Intermediate B = Bush

#### PLANT HEIGHT:

M = Medium MT = Medium Tall

T = Tall

#### TECHNOLOGY:

E = Enlist E3®

X = Roundup Ready 2 Xtend®

F = XtendFlex®

GT27/LL = Glyphosate Tolerant & LibertyLink

Excluder = Salt Excluder

STS = Sulfonylurea Tolerant Soybean

LL = LibertyLink

SCN Tolerance

R = Resistant

MR = Moderately Resistant



# SOYBEANS



#### **RATINGS**



Seed containing the XtendFlex® traits can only be used to plant a single commercial crop. It is unlawful to save and replant XtendFlex® 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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#### **GROWING REGION**







Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487). Information regarding the regulatory and market status of agricultural biotechnology products

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

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

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. ®TM 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®, Roundu Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASF, Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.





# THE ENLIST™ 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™ weed control system through the Field Forward™ program for Enlist soybeans is no exception. We have a full line-up of Enlist varieties that give producers another solid option when it comes to a comprehensive weed control program.







 $^1\,Based \,on\,approved\,EPA\,herbicide\,labels\,for\,the\,herbicides\,recommended\,for\,use\,in\,each\,system\,as\,of\,10/28/2020.$ 

<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 Commodify 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, protect or so used or so did 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 Decellence Through Stewardship and the programment of the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the programment of the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Stewardship and the product purchaser to confirm their buying position for this product. Excellence Through Ste

XtendifMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System, is a restricted use pesticide and must be used with VaporGrip® Xtra Agent (to ran equivalent vapor reducing agent). For approved tank—mix products (including VRAs and DRAs), nozzles and other important label information visit XtendifMaxApplication Requirements.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 glutosinate are approved for in-crop use with products with Nendflex® Technology, ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. CONTROLL HOLD IN SEPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready \*\* Xlend\*\* soybeans or products with XlendFlex\*\* Technology.

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\* 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 Use Guide for recommended weed control programs.

XtendiMax® 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 Tederal 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 2 Yele®, Roundup Ready®, VaporGrip®, XtendFlex® and XtendiMax® are registered trademarks of Bayer Group. LiberfyLink® 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-BAYER (1-866-992-2937)

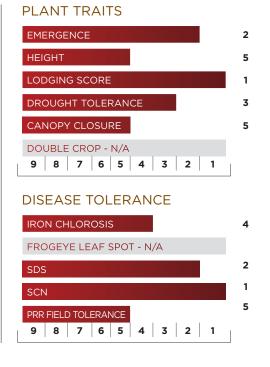
or visit our website at www.BayerCropScience.us. Bayer CropScience LP, 800 North

Lindbergh Boulevard, St. Louis, MO 63167. ©2020 Bayer Group. All rights reserved.

**32F2** Rel. Maturity: 3.2

#### Know2Grow™ OBSERVATIONS

- > Excellent emergence and standability with a medium stature plant type
- > Great on Sudden Death Syndrome
- > Upright plant stype that would favor narrow rows



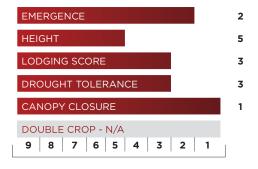
# O 35F1

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 high yield environments

#### **PLANT TRAITS**



#### DISEASE TOLERANCE

IRON CHLOROSIS	5									
FROGEYE LEAF SPOT - N/A										
SDS	5									
SCN	1									
PRR FIELD TOLERANCE	4									
9 8 7 6 5 4 3 2 1	1									

#### GENERAL CHARACTERISTICS

3.2 Maturity Plant Height **Medium Plus** Canopy Type Intermediate Soil Type All

#### RECOMMENDED YIELD ENVIRONMENTS



**TECHNOLOGY** 

TRAIT







TENDFLEX.

**TECHNOLOGY** 

TRAIT

# **GENERAL CHARACTERISTICS**

Maturity 3.5 **Medium Plus** Plant Height Canopy Type **Bush** Soil Type All







High Yield

Medium Yield

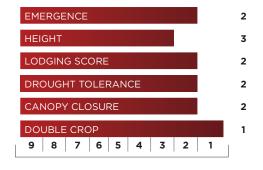
Low Yield

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

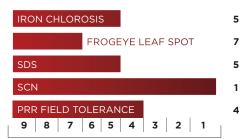
#### Know2Grow™ OBSERVATIONS

- > Robust plant style that will provide excellent canopy to help shade out those weeds
- > Medium-Tall plant height with very good standability for those high production acres
- > Is a Salt Excluder for those chloride sensitive acres
- > Is stacked with STS
- > This is a bean to watch in the 2022 K2G research trials

#### **PLANT TRAITS**



#### DISEASE TOLERANCE

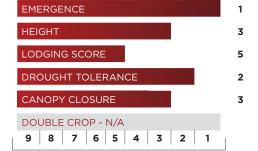


# **37F3** Rel. Maturity: 3.7

#### Know2Grow™ OBSERVATIONS

- > Medium-Tall plant height with a medium canopy type
- > Outstanding seedling vigor that will provide strong field emergence
- > Excellent yield potential bean that can handle the heat and drought stress
- > Very good on Sudden Death Svndrome

#### **PLANT TRAITS**



#### **DISEASE TOLERANCE**

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

#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

3.6 **Medium-Tall Intermediate Bush** All

#### **GENERAL CHARACTERISTICS**

Maturity 3.7 Plant Height **Medium-Tall** Canopy Type Intermediate Soil Type AII

#### TRAIT **TECHNOLOGY**





#### RECOMMENDED YIELD ENVIRONMENTS







TRAIT **TECHNOLOGY** 









High Yield

Medium Yield

Low Yield

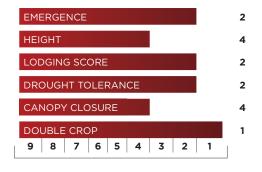
**O 38F3s&e** Rel. Maturity: 3.8

NEW

#### Know2Grow™ OBSERVATIONS

- > Medium plant height with great fall appearance
- > Top-performer in the 2021 K2G dryland research trials north of I-70
- > Great fit for those dryland acres
- > Is stacked with STS for those double crop needs
- > Great SDS tolerance

#### **PLANT TRAITS**



#### **DISEASE TOLERANCE**

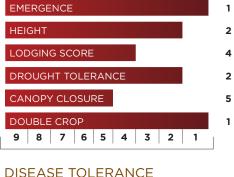
IRON CHLOROSIS	5
FROGEYE LEAF SPOT - N/A	
SDS	2
SCN	1
PRR FIELD TOLERANCE	2
9 8 7 6 5 4 3 2 1	

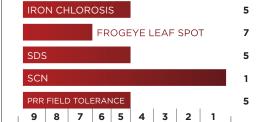
# **O 39F3s** Rel. Maturity: 3.9

#### Know2Grow™ OBSERVATIONS

- > Excellent early season growth line that provides tall plant height
- > Upright plant style that would favor narrow rows
- > Is stacked with STS

#### **PLANT TRAITS**





#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

3.8 **Medium Plus** Intermediate All

#### **GENERAL CHARACTERISTICS**

Maturity 3.9 Plant Height Tall

Canopy Type **Intermediate Bush** 

Soil Type AII

#### TRAIT **TECHNOLOGY**





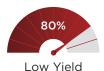
#### RECOMMENDED YIELD ENVIRONMENTS



High Yield



Medium Yield

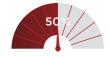


**TECHNOLOGY** 

TRAIT











High Yield

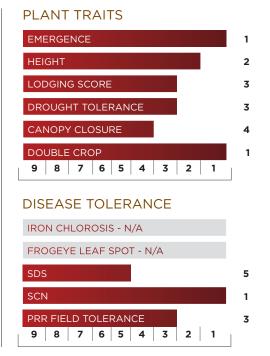
Medium Yield

Low Yield

**Q 40F1s** Rel. Maturity: 4.0

#### Know2Grow™ OBSERVATIONS

- > Tremendous early season vigor and emergence to get up and going quickly
- > Beautiful fall appearance and provides harvest ease
- > Has STS for those double crop needs
- > This is a good fit for those tough acres



# **Q 40F3** Rel. Maturity: 4.0

#### Know2Grow™ OBSERVATIONS

- > Medium plant height with good crop canopy
- > Excellent yield data in 2021 on those tough Kansas drvland acres
- > Top of line disease package helps contribute to 40F3's vield
- > Good scores on SDS, SCN, Frogeye, and PRR

#### **PLANT TRAITS**

EMERGENCE

HEIGHT LODGING SCORE DROUGHT TOLERANCE 2 CANOPY CLOSURE 3

DOUBLE CROP - N/A 9 8 7 6 5 4 3 2 1

#### **DISEASE TOLERANCE**

ı	9	8	7	6	5	4	3	2	1	1	
	PRR FIELD TOLERANCE										3
	SCN	1									1
	SDS	5									2
	FRO	OGEY	'E LE	AF S	SPO <sup>°</sup>	Т					3
	IRO	N CH	ILOR	OSIS	5						3

#### GENERAL CHARACTERISTICS

Maturity 4.0 Plant Height Tall Canopy Type Intermediate ΑII Soil Type

#### **GENERAL CHARACTERISTICS**

Maturity 4.0 Plant Height Tall Canopy Type **Medium Plus** Soil Type AII

#### TRAIT **TECHNOLOGY**





#### RECOMMENDED YIELD ENVIRONMENTS



High Yield





#### TRAIT **TECHNOLOGY**









High Yield

Medium Yield

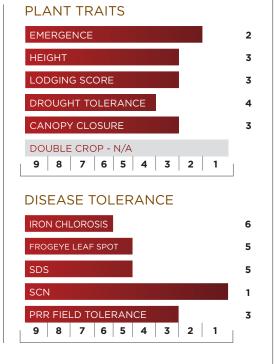
Low Yield

O 41F2

Rel. Maturity: 4.1

#### Know2Grow™ 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
- > Optium performance for 41F2's is in those good production soils

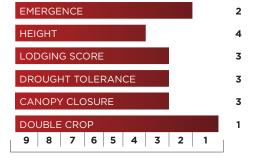


# O 41F3s&e Rel. Maturity: 4.1

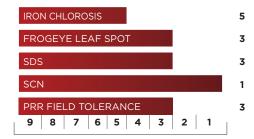
#### Know2Grow™ OBSERVATIONS

- > Medium-Tall plant height that provides very good canopy
- > Shows good resistance to SDS, SCN, PRR, Frog Eye, and Southern Stem Canker
- > Consistent performing line with attractive fall appearance
- > Is a Salt Excluder and stacked with STS

#### **PLANT TRAITS**



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

4.1 **Medium-Tall Intermediate Bush** All

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS





Medium Yield



Low Yield

**GENERAL CHARACTERISTICS** 

Maturity 4.1 Plant Height **Medium-Tall** Canopy Type **Intermediate Bush** Soil Type All

#### TRAIT **TECHNOLOGY**











High Yield

Medium Yield

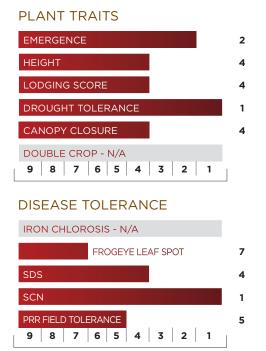
Low Yield

O 42F1

Rel. Maturity: 4.2

#### Know2Grow™ OBSERVATIONS

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



# **Q 45F3** Rel. Maturity: 4.5

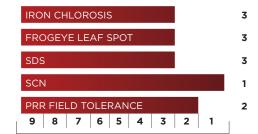
#### Know2Grow™ OBSERVATIONS

- > Exceptional early season growth that will provide good plant height and canopy
- > Provides good plant standability even in those high production areas
- > Good SDS, PRR, and Frogeye ratings
- > This is one to watch in the 2022 K2G Research Trials

#### **PLANT TRAITS**



#### **DISEASE TOLERANCE**



#### **GENERAL CHARACTERISTICS**

4.2 Maturity Plant Height **Medium-Tall** Canopy Type Intermediate Soil Type All

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS









#### **GENERAL CHARACTERISTICS**

4.5 Maturity **Medium Plus** Plant Height Canopy Type **Intermediate Bush** Soil Type All

#### TRAIT **TECHNOLOGY**









High Yield

Medium Yield

Low Yield

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

#### Know2Grow™ OBSERVATIONS

- > Elite genetics that dominated in the 2019, 2020, and 2021 data vs the best RR2 Xtend & XF's in the market place
- > 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 yielding environments
- > This is the bean to have on vour farm

#### **PLANT TRAITS**

EMERGENCE	2
HEIGHT	1
LODGING SCORE	5
DROUGHT TOLERANCE	2
CANOPY CLOSURE	2
DOUBLE CROP	1
9   8   7   6   5   4   3   2   1	

#### DISEASE TOLERANCE

DISEASE TOLLIVAINCE	
IRON CHLOROSIS	2
FROGEYE LEAF SPOT - N/A	
SDS	2
SCN	1
PRR FIELD TOLERANCE	4
9   8   7   6   5   4   3   2   1	

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

#### Know2Grow™ OBSERVATIONS

- > Medium to Medium-Tall plant height with a desirable crop canopy
- > Top-notch soybean disease package helps this bean go anywhere
- > Moves South extremely well keeping its plant height
- > Top yielder on those dryland acres in SC KS in 2021
- > Be sure to keep an eye on this one in the K2G research trials
- > Is a salt excluder

#### **PLANT TRAITS**

EMERGENCE	2
HEIGHT	3
LODGING SCORE	3
DROUGHT TOLERANCE	1
CANOPY CLOSURE	3
DOUBLE CROP	1
9   8   7   6   5   4   3   2   1	

#### **DISEASE TOLERANCE**

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

#### GENERAL CHARACTERISTICS

Maturity 4.6 Plant Height Tall

Canopy Type **Intermediate Bush** 

Soil Type All

#### **GENERAL CHARACTERISTICS**

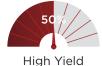
Maturity 4.6 Plant Height **Medium-Tall** Canopy Type **Intermediate Bush** Soil Type All

#### TRAIT **TECHNOLOGY**





#### RECOMMENDED YIELD ENVIRONMENTS







**TECHNOLOGY** 

TENDFLEX

TRAIT







High Yield

Medium Yield

Low Yield

**Q 47F2s** Rel. Maturity: 4.7

#### Know2Grow™ OBSERVATIONS

- > Medium Plus plant height with an intermediate bush canopy type
- > Provides good standability for those high production acres
- > Strong emergence and early season vigor
- > Solid agronomic and disease package help contribute to its yield
- > Top yielding line in those high production soils

#### **PLANT TRAITS** EMERGENCE HEIGHT 4 LODGING SCORE DROUGHT TOLERANCE 3 CANOPY CLOSURE 5

9 8 7 6 5 4 3 2 1

#### **DISEASE TOLERANCE**

DOUBLE CROP

IRO	N CHL	OROS	IS							6
FRO	OGEY	E LE	AF S	SPO <sup>°</sup>	Т					3
SDS	;									4
SCN	1									1
PRF	RFIE	_D TO	DLE	RAN	CE					4
9	8	7	6	5	4	3	2	1	- 1	

# **Q 48F3e** Rel. Maturity: 4.8

2

#### Know2Grow™ OBSERVATIONS

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

#### **PLANT TRAITS**

DOUBLE CROP - N/A

EMERGENCE



# DISEASE TOLERANCE

9 8 7 6 5 4 3 2 1

	IRO	N CH	ILOR	OSIS	5					5
	FROG	EYE L	EAF SF	тот						6
	SDS	5								3
	SCN	1								1
	PRF	RFIE	LD T	OLEI	RAN	CE				3
ı	9	8	7	6	5	4	3	2	1	ı

#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

4.7 **Medium Plus** Intermediate All

#### **GENERAL CHARACTERISTICS**

Maturity Plant Height **Medium-Tall** Canopy Type **Intermediate Bush** Soil Type

#### TRAIT **TECHNOLOGY**





#### RECOMMENDED YIELD ENVIRONMENTS







Medium Yield

Low Yield

**TECHNOLOGY** 

TRAIT



#### RECOMMENDED YIELD ENVIRONMENTS



4.8

AII





High Yield

Medium Yield

Low Yield



Following burndown, Enlist

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

# On-Target Application

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



# THE NEXT GENERATION OF TECHNOLOGY

#### 2,4-D choline

#### **Glyphosate**

#### **Glufosinate**



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



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

Rel. Maturity: 3.4

#### Know2Grow™ OBSERVATIONS

- > Similar high yielding product as 2034E but with better stress tolerance
- > Easy button variety that has the guts for those tough acres and great yield potential
- > Great choice for a mid Group 3 maturity E3 line

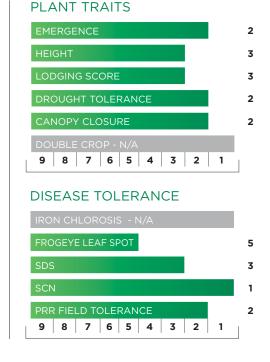
#### **PLANT TRAITS** 1 3 LODGING SCORE 3 DROUGHT TOLERANCE 2 CANOPY CLOSURE 2 DOUBLE CROP 1 9 8 7 6 5 4 3 2 1 **DISEASE TOLERANCE** 3 FROGEYE LEAF SPOT 3 PRR FIELD TOLERANCE 9 8 7 6 5 4 3 2 1

# 2136E

Rel. Maturity: 3.6

#### Know2Grow™ OBSERVATIONS

- > Medium to Medium-Tall plant height with good standability
- > Consistent top performer in the mid group 3 maturities
- Good SDS tolerance



#### GENERAL CHARACTERISTICS

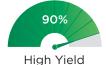
Maturity Plant Height Canopy Type Soil Type

3.4 **Medium-Tall Intermediate Bush** All

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS







#### **GENERAL CHARACTERISTICS**

Maturity Plant Height Canopy Type Soil Type

3.6 **Medium-Tall Intermediate Bush** All

#### TRAIT **TECHNOLOGY**



### RECOMMENDED YIELD ENVIRONMENTS







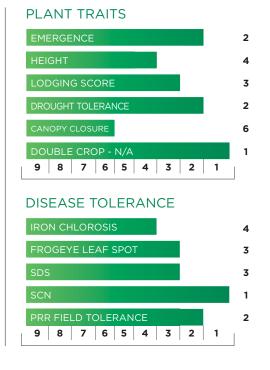
Medium Yield

Rel. Maturity: 3.7

NEW

#### Know2Grow™ OBSERVATIONS

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

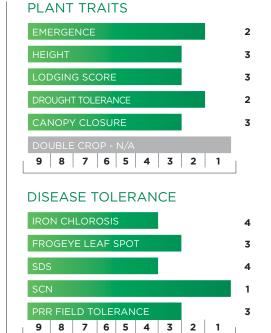


# 2338E

Rel. Maturity: 3.8

#### Know2Grow™ OBSERVATIONS

- > Medium to Medium-Tall plant height
- > Intermediate Bush plant that will provide good canopy
- > Defensive package includes Rps1a, very good frogeye, and good SDS tolerance



#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

3.7 **Medium-Tall** Intermediate ΑII

#### **GENERAL CHARACTERISTICS**

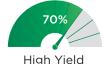
Maturity Plant Height Canopy Type Soil Type

3.8 **Medium-Tall Intermediate Bush** All

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS



80% Medium Yield



Low Yield

#### TRAIT **TECHNOLOGY**









High Yield

Medium Yield

Low Yield

Rel. Maturity: 3.9

#### 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 K2G research trials
- > Intermediate canopy that would favor narrow rows
- > This is a must have bean on those irrigated or high production acres

#### **PLANT TRAITS**



#### DISEASE TOLERANCE

EDOCEVE LEVE COOT	
FROGEYE LEAF SPOT	4
SDS	5
SCN	1
PRR FIELD TOLERANCE	2
9 8 7 6 5 4 3 2 1	

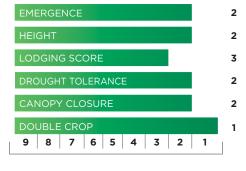
# **2340** Rel. Maturity: 4.0

**NEW** 

#### Know2Grow™ 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
- > Brings excellent yield potential but also has the guts for those tough yielding environments
- > Is stacked with STS

#### **PLANT TRAITS**



#### DISEASE TOLERANCE

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

#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type

3.9 **Medium Plus Intermediate Bush** 

Soil Type

All

#### **GENERAL CHARACTERISTICS**

Maturity Plant Height Canopy Type Soil Type

4.0 **Medium Plus Intermediate Bush** AII

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS







#### TRAIT **TECHNOLOGY**





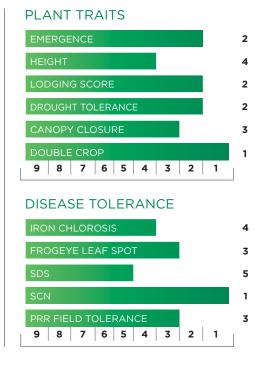




Rel. Maturity: 4.2

#### Know2Grow™ OBSERVATIONS

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



# 2342E

Rel. Maturity: 4.2

NEW

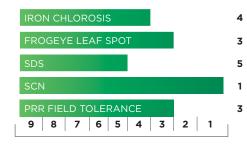
#### Know2Grow™ OBSERVATIONS

- Exciting new E3 line that is built just for Kansas
- Medium Plus plant height with exceptional plant width to help shade out those 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
- Consistently a top performer in the 2021 K2G research trials

#### **PLANT TRAITS**



#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity
Plant Height
Canopy Type
Soil Type

4.2 Medium Plus Intermediate Bush All

#### **GENERAL CHARACTERISTICS**

Maturity
Plant Height
Canopy Type
Soil Type

4.2 Medium Plus Intermediate Bush All

#### TRAIT TECHNOLOGY



#### RECOMMENDED YIELD ENVIRONMENTS







#### TRAIT TECHNOLOGY









High Yield

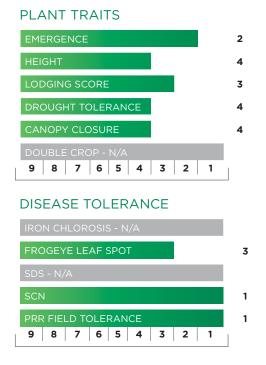
Medium Yield

Low Yield

Rel. Maturity: 4.4

#### Know2Grow™ OBSERVATIONS

- > Dominating performing line in those medium yielding environments in 2019, 2020 and 2021
- > Excels in those creek bottom or high production dryland acres
- > Medium plant height that would favor narrow rows



# 2146E

Rel. Maturity: 4.6

#### Know2Grow™ OBSERVATIONS

- > Medium-Tall plant height that is stacked with STS
- > Is a Salt Excluder for those high salt situations
- > Performs even on those light soils
- > Moves South well maintaining its height
- > Displays good stress tolerance

# **PLANT TRAITS**

CANOPY CLOSURE

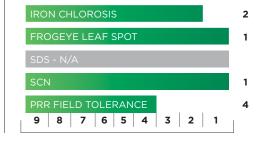
LODGING SCORE DROUGHT TOLERANCE 2

2

2

9 8 7 6 5 4 3 2 1

#### DISEASE TOLERANCE



#### GENERAL CHARACTERISTICS

Maturity Plant Height Canopy Type Soil Type

4.4 **Medium Plus Intermediate Bush** All

#### **GENERAL CHARACTERISTICS**

Maturity Plant Height Canopy Type Soil Type

4.6 **Medium-Tall Intermediate Bush** All

#### TRAIT **TECHNOLOGY**



#### RECOMMENDED YIELD ENVIRONMENTS







TRAIT **TECHNOLOGY** 





High Yield







Low Yield

**2249E** Rel. Maturity: 4.9

#### **Know2Grow™** OBSERVATIONS

- > Outstanding seedling vigor for quick emergence
- > Is stacked with STS for those 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 those high pH soils

#### **PLANT TRAITS**

EMERGENCE	1
HEIGHT	3
LODGING SCORE	3
DROUGHT TOLERANCE	3
CANOPY CLOSURE	2
DOUBLE CROP	1
9   8   7   6   5   4   3   2   1	

#### DISEASE TOLEDANCE

DISEASE TOLERANCE	
IRON CHLOROSIS - N/A	
FROGEYE LEAF SPOT	2
SDS	4
SCN	1
PRR FIELD TOLERANCE	4
9   8   7   6   5   4   3   2   1	

#### **GENERAL CHARACTERISTICS**

Maturity Plant Height Canopy Type Soil Type

4.9 **Medium-Tall Intermediate Bush** All

#### TRAIT TECHNOLOGY



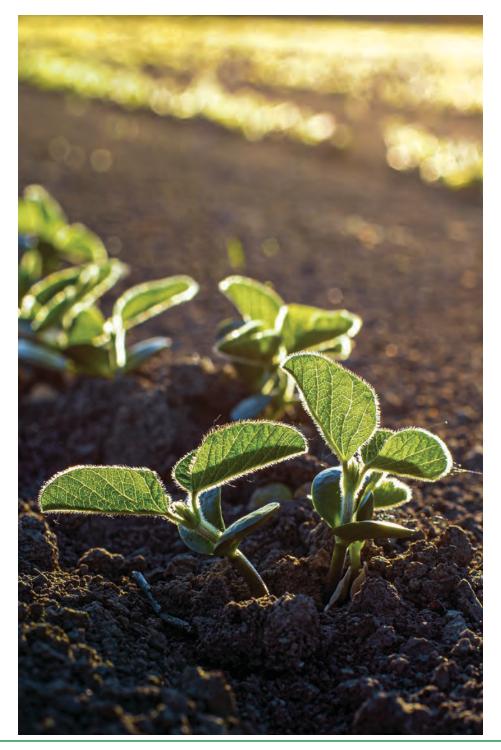






High Yield Medium Yield

Low Yield



# **2023 SOYBEAN VARIETY NOTES**

# Think Before You Bin Run

**Verification Required** The last patent on the original Roundup Ready® 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® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® 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® soybean, Roundup Ready 2 Xtend® soybean, and XtendFlex® soybean varieties typically have a higher yield opportunity than Roundup Ready® 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® 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
- 2. Send a letter: Trait Stewardship, 622 Emerson Road, Suite 150, Creve Coeur, MO 63141
- 3. 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™ 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® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contain 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 Use Guide for recommended weed control programs.

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® Xtend Crop System weed control programs. Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation. @2022 Bayer Group. All rights reserved.



# **GRAIN SORGHUM**



#### **RATINGS**



O 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 performance in 2020 and 2021 Know2Grow™ performance trials

# PLANT TRAITS



# O 570 Medium-Full

1 = TALL

#### 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

YIELD FOR MATURITY	1
STANDABILITY	2
HEIGHT	2
HEAD EXERTION	4
DRYDOWN	3
EMERGENCE	2
TEST WEIGHT	1
SCA TOLERANT	
9 8 7 6 5 4 3 2 1	

#### **GENERAL CHARACTERISTICS**

Grain Color	Bronze
Stalk Strength	2
Head Type	Semi-open
Drought Tolerance	2
High Yield	2
Days to Mid Bloom	60

#### GENERAL CHARACTERISTICS

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



**O 584** Medium

#### KNOW2GROW™

#### **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 StayGreen

# PLANT TRAITS 2 3 2 2 2 1 2 9 8 7 6 5 4 3 2 1

#### **GENERAL CHARACTERISTICS**

Grain Color	Bronze
Stalk Strength	3
Head Type	Semi-Compact
Drought Tolerance	2
High Yield	2
Days to Mid Bloom	66

# O 588 Medium-Full

#### KNOW2GROW™ **OBSERVATIONS**

- > Highly tolerant to Sugarcane Aphids
- Medium-Full maturity that brings excellent yield potential
- > Great option for irrigated and favorable dryland acres
- > Resistant to Aphid Biotypes C and I
- > Provides good threshability

PLANT TRAITS	
YIELD FOR MATURITY	2
STANDABILITY	3
HEIGHT	2
HEAD EXERTION	3
DRYDOWN	4
EMERGENCE	2
TEST WEIGHT	3
SCA TOLERANT	
9   8   7   6   5   4   3   2   1	

#### **GENERAL CHARACTERISTICS**

Grain Color	Bronze
Stalk Strength	3
Head Type	Semi-Compact
Drought Tolerance	2
High Yield	1
Days to Mid Bloom	70



Ohlde Seed Farms is pleased to offer John Deere Financial financing options for the 2023 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**

# Sugar Sweet BMR

#### KNOW2GROW™

#### **OBSERVATIONS**

- > 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

PLANT TRAITS	
YIELD FOR MATURITY	1
STANDABILITY	2
HEIGHT	2
FINE STEM	1
HAYING	1
GRAZING	3
RE-GROWTH	1
9 8 7 6 5 4 3 2 1	

DI ANT TDAITS

#### **GENERAL CHARACTERISTICS**

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

# **FORAGES**

O 114 112-114 Day

# KNOW2GROW™ OBSERVATIONS

- 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	

#### **GENERAL CHARACTERISTICS**

Plant Height	5
Stalk Strength	2
Tonnage	1
Silage Potential	1
<b>Grazing Potential</b>	4
Regrowth	9



#### Ohlde Seed Farms is offering you the following John Deere Financial financing options for the 2023 planting season:

- **0% 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 2023. This program is offered until February 15, 2023.
- 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 17, 2023.

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.





#### Ohlde Seed Farms

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