2020 SEED GUIDE



SOIL SPECIFIC SEED SOLUTIONS



ohldeseed.com





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IN THE **BEGINNING**



From our Family to Yours.

As we prepare for another season, we continue to expand our Soil Specific product lines with new trait technologies engineered to thrive in our regional environment. We have expanded our Know2Grow[™] Research Program and now have research plots border-to-border across our sales territory. The continued investment and expansion of our research program ensures we have fully tested our hybrids and varieties in similar soils that are in close proximity to your fields. We continue to offer our customers all of the latest trait technologies from a single trusted source. We work closely with our trait providers to bring you the latest hybrids and varieties that enable you to knock out resistant weeds.

As you plan for this upcoming crop, our Ohlde Seed Team looks forward to working closely with you to select the ideal hybrids and varieties that will thrive in your soils and yield environment.





RESEARCH PROGRAM





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

KNOW2GROW[™] PROVIDES OHLDE CUSTOMERS 3 KEY BENEFITS:

- **1.** Provides FIRST HAND KNOWLEDGE of the hybrid or variety's true performance and characteristics.
- **2.** 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[™] 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[™] 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, through-out 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 through-out the plot to reduce variability, provide consistency, and provide accurate data.



Current testing area Expansion area

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
 Product Placement
 Southern Rust
- Plant Height
- Emergence
- Seed Treatments
- Gray Leaf Spot • Silage Quality
- Goss's Wilt
- Corn after Corn
- Flex vs Determinate
 Fertilizer Applications
 Phytophthora Root Rot
- Ear Height

- Population Rates

• Standability

StayGreen

With Know2Grow[™], 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™ creates field studies of the problems you have to help increase your production.

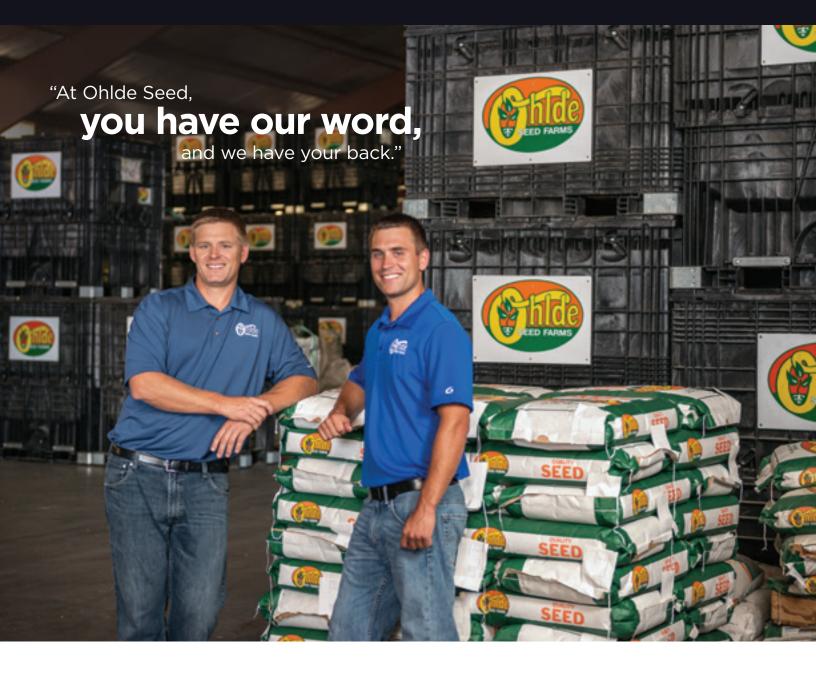


SDS Tolerance

• pH Issues

• STS





Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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 Biotechnology Industry Organization.

B.t. products may not yet be registered in all states. Check with your 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. SmartStax® RIB Complete® corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup[®] brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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.

Impacts of these collutions on the grower's relias. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax®, Trecepta®, RIB Complete®, VT Double PRO® and VT Triple PRO® are trademarks of Bayer Group. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Vipter® is a registered trademark of a Syngenta group company. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.



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2020 Soil Specific Seed Varieties

		OHL	DF	C	OR	N C	НА	RA	СТ	FR	IST						
Hybrid	Mid-Pollination GDU's	Black Layer	Plant Height	Ear Height	Emergence	Drought Tolerance	Root Strength	Stalk Strength	Drydown	Test Weight	Ear Type	Staygreen	Gray Leaf Spot	No. Leaf Blight	So. Leaf Blight	Common Rust	Goss Wilt
O 28-95 VT2Pro RB	1240	2380	5	5	2	2	3	2	2	4	SD	4	2	2	3	1	2
O 28-98 VT2Pro RB	1220	2365	6	5	1	1	2	2	1	5	SD	1	6	3	4	2	5
O 28-00 VIP3120 RB	1280	2370	3	3	1	3	3	3	3	5	SF	1	2	4	4	3	2
O 27-01 VT2 Pro RB	1276	2375	2	3	1	1	2	1	1	2	SF	1	2	2	3	3	4
O 28-02 VT2 Pro RB	1260	2440	5	5	3	2	3	4	1	3	SF	3	6	3	1	3	5
O 28-04 VT2 Pro RB	1280	2550	5	4	1	1	3	2	1	5	SF	2	2	5	3	2	2
O 90-05	1247	2710	2	2	1	1	4	3	1	6	F	1	2	2	2	3	1
O 10-05 GT	1247	2710	2	2	1	1	4	3	1	6	F	1	2	2	2	3	1
O 20-05 GTCBLL	1247	2710	2	2	1	1	4	3	1	6	F	1	2	2	2	3	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 20-07 VT2Pro	1242	2440	5	5	2	2	1	2	3	1	SF	2	6	2	2	3	2
O 88-07 SS RB	1280	2660	3	3	1	5	2	2	1	5	SD	2	5	3	3	3	2
O 28-08 VIP 3110	1300	2670	3	3	5	2	1	2	2	1	F	2	6	3	5	5	2
O 25-09 VT2 Pro RB	1309	2683	4	4	2	2	2	2	2	2	SD	2	5	2	3	2	8
O 85-09 SS RB	1309	2683	4	4	2	2	2	2	2	3	SD	2	3	2	3	2	5
O 28-11 VT2 Pro RB	1340	2800	5	4	2	2	2	2	2	3	SF	5	5	3	3	3	5
O 27-12 DGVT2 Pro RB	1370	2750	4	4	1	5	3	2	2	2	SD	7	2	2	3	2	2
O 28-12 VT2 Pro RB	1330	2655	3	3	2	2	2	3	1	1	SF	4	4	3	3	4	4
O 88-12 SS RB	1360	2640	2	3	3	5	1	2	2	2	SD	3	3	3	3	5	2
O 97-12	1280	2585	4	4	3	3	2	4	1	1	SF	3	5	-	-	-	N/A
O 28-13 VT2 Pro RB	1330	2840	2	3	4	1	5	2	1	1	F	4	4	2	3	3	5
O 20-14 VT2Pro	1385	2770	2	3	3	1	6	5	4	3	F	1	6	2	3	3	5
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 VT2 Pro RB	1334	2655	3	3	1	3	2	1	2	3	SF	2	5	2	2	2	3
O 97-14	1310	2900	2	3	3	2	2	5	1	3	F	4	5	-	-	-	N/A
O 98-14	1335	2770	2	2	3	1	3	3	5	1	SF	1	4	3	4	2	3
O 26-15 VT2 Pro RB	1294	2775	3	2	2	1	3	2	1	1	SD	3	3	1	1	1	4
O 98-15	1380	2810	2	1	1	3	2	1	2	3	F	5	3	3	2	2	2
O 20-16 Trecepta	1459	2903	3	3	2	1	3	2	4	3	SF	3	4	1	2	N/A	6
O 27-16 VT2 Pro RB	1357	2669	2	3	3	3	1	1	3	5	SF	1	4	2	2	3	1
O 29-16 VT2 Pro RB	1391	2760	1	2	1	4	2	2	2	1	SF	5	3	3	3	2	3
O 88-16 SS RB	1350	2785	1	2	3	2	3	2	2	1	SD	2	3	2	2	N/A	3
O 28-17 VT2 Pro RB	1400	2780	2	2	2	2	1	1	2	1	SF	2	3	1	2	3	4

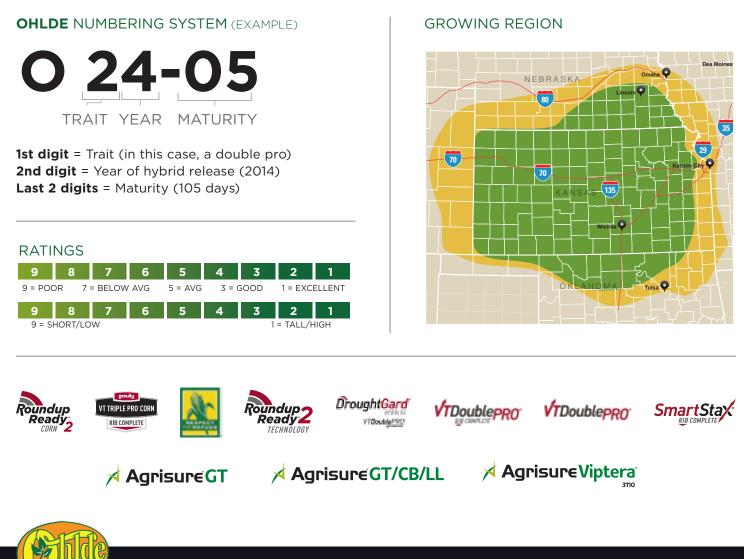






OUR CORN HYBRIDS

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.



8 OHLDE SEED FARMS

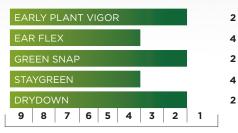
O 28-95 | VTDoublepro

O 88-95 | SmartStax

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

PLANT TRAITS



PLANT TOLERANCE

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

CROP ROTATIONS

CORN AFTER CORN





CORN AFTER WHEAT



O 28-98 VIDoublePRO

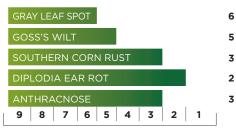
KNOW2GROW[™] OBSERVATIONS

- > Fast drydown with open husks
- Very good stalks and roots for late season harvest
- Place on rotated acres with average - Goss's Wilt rating
- Shorter plant style with great intactness and good yield potential

PLANT TRAITS

EARLY PLANT VIGOR	1
EAR FLEX	6
GREEN SNAP	2
STAYGREEN	1
DRYDOWN	1
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN





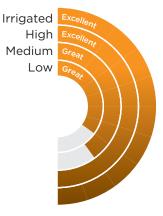
CORN AFTER BEANS



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

HYBRID ADAPTABILITY



GENERAL CHARACTERISTICS

Ear Height Root Strength Stalk Strength High Yield	6 5 2 2 3 2 4
---	---------------------------------

HYBRID ADAPTABILITY

Irrigated Exc High Gre Medium Gre Low Goo





KNOW2GROW[™] OBSERVATIONS

- > Quick out of the ground with excellent emergence scores
- Wide range of adaption with good flex and high yield potential
- Will handle low populations and stress prone soil types
- Excellent roots ratings with good stalks

PLANT TRAITS



PLANT TOLERANCE

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

CROP ROTATIONS







CORN AFTER BEANS



KNOW2GROW[™] OBSERVATIONS

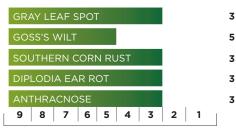
- > O 27-01 is a versatile product that has excellent stress tolerance with good plant and ear height for dryland harvest ease
- > Big flex ears to handle lower populations with excellent stay green, very good roots, and excellent stalks
- Great product that brings stable yields and top end yield punch
- Outstanding early vigor with a quick canopy in the early season

CROP ROTATIONS

PLANT TRAITS

EARLY PLANT VIGOR	1
EAR FLEX	2
GREEN SNAP	1
STAYGREEN	1
DRYDOWN	2
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE



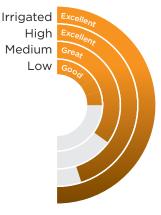
CORN AFTER BEANS



GENERAL CHARACTERISTICS

Maturity (Days)	100
Plant Height	1
Ear Height	2
Root Strength	1
Stalk Strength	3
High Yield	2
Medium Yield	2
Low Yield	2

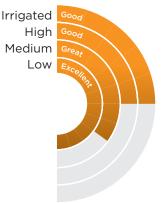
HYBRID ADAPTABILITY



GENERAL CHARACTERISTICS

Maturity (Days)	101
Plant Height	2
Ear Height	3
Root Strength	2
Stalk Strength	1
High Yield	6
Medium Yield	3
Low Yield	1

HYBRID ADAPTABILITY



10 OHLDE SEED FARMS

CORN AFTER WHEAT

100%

90%

O 28-02 VTDoublePRO

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

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

CROP ROTATIONS

CORN AFTER CORN







90%

O 28-04 VIDoubleppor

KNOW2GROW™ OBSERVATIONS

- > Medium stature plant that maintains ear height for tough conditions
- > Moves south extremely well
- Very good to excellent on > Goss's Wilt

CROP ROTATIONS CORN AFTER CORN

90%

- > Excellent top end yield punch under high yielding environments
- > Shows great toughness and will work on a wide range of soils

PLANT TRAITS

EARLY PLANT VIGOR	1
EAR FLEX	2
GREEN SNAP	2
STAYGREEN	2
DRYDOWN	1
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

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

CORN AFTER WHEAT CORN AFTER BEANS

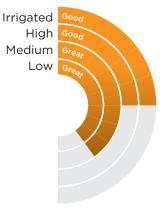
100%



GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY



DAIRYCREADY

GENERAL CHARACTERISTICS

Maturity (Days)	104
Plant Height	5
Ear Height	4
Root Strength	3
Stalk Strength	2
High Yield	6
Medium Yield	4
Low Yield	1





O 90-05 | CONVENTIONAL **O** 10-05 | AgrisureGT

KNOW2GROW™ OBSERVATIONS

- > The dryland king when it comes to 130 bushels and less
- > Big robust plant style that has excellent stalks and roots with great stay green 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

CROP ROTATIONS





O 24-05 VTDoubleppg

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

PLANT TRAITS

EARLY PLANT VIGOR	2
EAR FLEX	1
GREEN SNAP	2
STAYGREEN	1
DRYDOWN	1
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

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

CORN AFTER WHEAT CORN AFTER BEANS



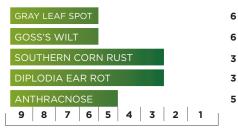


PLANT TRAITS

100%

EARLY PLANT VIGOR 1 EAR FLEX 3 **GREEN SNAP** 2 2 3 9 8 7 6 5 4 3 2 1

PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN





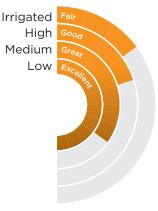
CORN AFTER BEANS



GENERAL CHARACTERISTICS

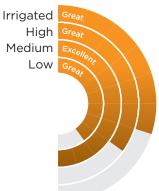
Maturity (Days)	105
Plant Height	2
Ear Height	2
Root Strength	4
Stalk Strength	3
High Yield	7
Medium Yield	3
Low Yield	1

HYBRID ADAPTABILITY



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





0 88-05 | SmartStax

O 28-05 | VTDoublepR0

KNOW2GROW™ OBSERVATIONS

- > This SmartStax[®] version brings excellent top-end yield potential
- > Excellent Goss's Wilt ratings
- > Great choice for Kansas and Nebraska irrigated acres
- > Very good Green Snap ratings and disease package
- > Deep, heavy kernels with excellent grain quality

CROP ROTATIONS CORN AFTER CORN

PLANT TRAITS



PLANT TOLERANCE

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

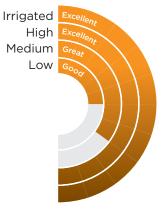
CORN AFTER BEANS



GENERAL CHARACTERISTICS Maturity (Dave) 100

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

HYBRID ADAPTABILITY



CORN AFTER WHEAT

90%



100%

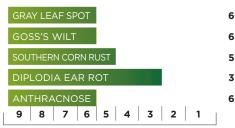
KNOW2GROW™ OBSERVATIONS

- > 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 the ground performance
- > Great early season hybrid with great drydown for early harvest

PLANT TRAITS



PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN





CORN AFTER BEANS



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







0 20-07 VTDoublePRO

KNOW2GROW™ OBSERVATIONS

- > New 107-day product that brings yield stability with excellent yields and a wide adaptability
- > Excellent stalks and roots to ensure late season harvest
- > Semi-Flex ears to handle moderate populations without sacrificing yield punch
- > Excellent Green Snap ratings with very good Goss's Wilt resistance

EARLY PLANT VIGOR		2
EAR FLEX		2
GREEN SNAP		2
STAYGREEN		2
DRYDOWN		3
9 8 7 6 5 4 3 2	1	

PLANT TOLERANCE

6 GOSS'S WILT 2 SOUTHERN CORN RUST 3 **DIPLODIA EAR ROT** 3 3 9 8 7 6 5 4 3 2 1

CROP ROTATIONS





CORN AFTER WHEAT



O 28-08 🗡 AgrisureViptera

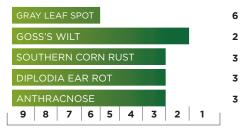
KNOW2GROW™ OBSERVATIONS

- > Taller plant height with excellent ear placement for dryland production and harvest ease
- > Excellent Goss's Wilt and stay green for late season intactness
- > Stable and consistent yields in stress prone areas
- > Moves south extremely well to handle heat stress
- > Great choice as a dual purpose hybrid (DairyReady)

PLANT TRAITS

EARLY PLANT VIGOR		5
EAR FLEX		2
GREEN SNAP		1
STAYGREEN		2
DRYDOWN		2
9 8 7 6 5 4 3 2	1	

PLANT TOLERANCE



CORN AFTER BEANS

100%

CROP ROTATIONS

CORN AFTER CORN





CORN AFTER WHEAT



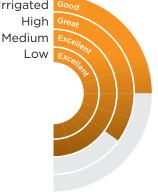


GENERAL CHARACTERISTICS

Maturity (Days)

Plant Height

Ear Height

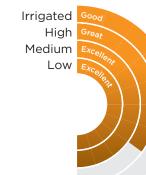


DAIRYOREAD

GENERAL CHARACTERISTICS

Maturity (Days)	108
Plant Height	3
Ear Height	3
Root Strength	1
Stalk Strength	2
High Yield	7
Medium Yield	3
Low Yield	1

HYBRID ADAPTABILITY







107

5

5

PLANT TRAITS

O 25-09 VTDoublePRO

0 85-09 | SmartStax

KNOW2GROW™ OBSERVATIONS

- > This hybrid is auickly becoming known as one of the best hybrids in the 107 to 109-day maturity
- > Outstanding heat and drought stress tolerance
- > Great top end yield punch to run with the full season hybrids
- > Solid stalks and roots with late season intactness to ensure harvest ease

CROP ROTATIONS





O 28-11 | VTDoublepRO

O 88-11

KNOW2GROW™ OBSERVATIONS

- > Impressive hybrid with big flex and top end yield potential across a wide range of yield environments
- > Responds extremely well to fungicide and high management
- > Very good stalk and root strength

PLANT TRAITS

EARLY PLANT VIGOR		2
EAR FLEX		2
GREEN SNAP		2
STAYGREEN		2
DRYDOWN		2
9 8 7 6 5 4 3 2	1	

PLANT TOLERANCE

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

CORN AFTER WHEAT





2

3

3

5

2

5 5

3

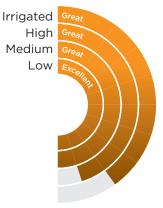
4

1

GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY



GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY





15





OHLDE SEED FARMS

CROP ROTATIONS CORN AFTER CORN



CORN AFTER WHEAT



PLANT TRAITS

EAR FLEX

GREEN SNAP

EARLY PLANT VIGOR

PLANT TOLERANCE

9 8 7 6 5 4 3 2

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

CORN AFTER BEANS

O 27-12



KNOW2GROW[™] OBSERVATIONS

- A unique set of genetics with high end yield potential with very good stalk and root ratings
- This hybrid likes higher plant populations to perform at its top end
- Excellent drydown and Goss's Wilt
- This hybrid is exciting and is one to watch for 2020
- > Best performance in Nebraska

PLANT TRAITS



PLANT TOLERANCE

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

CROP ROTATIONS

CORN AFTER CORN



70%

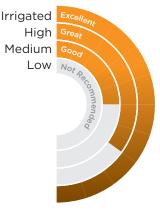




GENERAL CHARACTERISTICS

Maturity (Days) 112 Plant Height 4 Ear Height 5 Root Strength 2 2 Stalk Strength High Yield 1 Medium Yield 3 Low Yield 8

HYBRID ADAPTABILITY



CORN AFTER WHEAT

O 28-12 VIDoublepRO

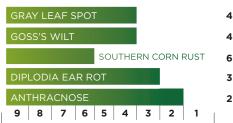
KNOW2GROW[™] OBSERVATIONS

- Very good stalks and roots for late season harvest
- 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
- We think this hybrid will be a dominant product

PLANT TRAITS



PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN





CORN AFTER BEANS

Maturity (Days) 112

GENERAL CHARACTERISTICS

Plant Height	3
Ear Height	3
Root Strength	2
Stalk Strength	3
High Yield	2
Medium Yield	2

Low Yield 3

HYBRID ADAPTABILITY

Irrigated Great High Medium Excellent Low Good

O 88-12 | SmartStax

KNOW2GROW™ OBSERVATIONS

- > Responds best at higher populations
- > Attractive hybrid with excellent stalks and roots
- > Very good Goss's Wilt tolerance that helps ensure top end potential for corn-on-corn
- > Outstanding performance over the past two seasons as one of the top performing hybrid in Know2Grow[™] research plots

PLANT TRAITS



PLANT TOLERANCE

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

CORN AFTER BEANS

90%

CROP ROTATIONS





CORN AFTER WHEAT

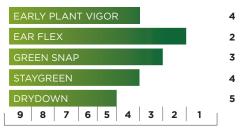


O 97-12 CONVENTIONAL

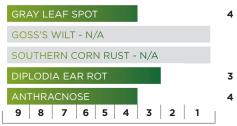
KNOW2GROW™ OBSERVATIONS

- > We bring this conventional hybrid with top end yield potential
- > O 97-12 will bring excellent drydown and very good toughness
- > We see this hybrid working under irrigation, but hold the populations back
- > Great option to help manage input costs especially under limited water situations

PLANT TRAITS



PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN



CORN AFTER WHEAT



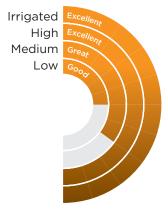
CORN AFTER BEANS 90%



GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY

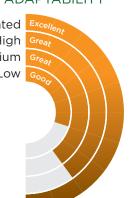


GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY

Irrigated Exce High Medium Low





O 28-13

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 and keep at moderate populations under high yield environments

PLANT TRAITS

EARLY PLANT VIGOR		4
EAR FLEX		1
GREEN SNAP		2
STAYGREEN		2
DRYDOWN		2
9 8 7 6 5 4 3 2	1	

PLANT 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	

CORN AFTER BEANS

95%



CORN AFTER CORN



CORN AFTER WHEAT



O 20-14 VTDoublepRO

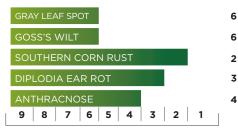
KNOW2GROW[™] OBSERVATIONS

- New 114-day hybrid with big time flex for the moderate to low yielding environments
- Handles tough dryland acres but can bring big time yields in the right conditions
- Excellent silage product for top quality and excellent tonnage
- Keep this hybrid at moderate populations and let the ear flex work

PLANT TRAITS

EARLY PLANT VIGOR	3
EAR FLEX	1
GREEN SNAP	2
STAYGREEN	1
DRYDOWN	4
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE



CORN AFTER BEANS

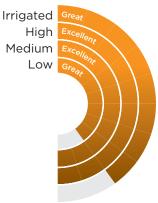
95%

DAIRWEREADY

GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY

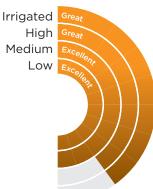


NEW DAIRWREAD

GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	2
Ear Height	3
Root Strength	6
Stalk Strength	5
High Yield	6
Medium Yield	2
High Yield Medium Yield Low Yield	•

HYBRID ADAPTABILITY





CROP ROTATIONS

CORN AFTER WHEAT

85%



0 24-14

VTDoublef **KNOW2GROW™** OBSERVATIONS

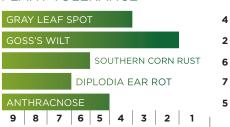
DroughtGard

- > 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



CORN AFTER BEANS

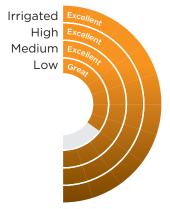


DAIRWIREADY

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



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

HYBRID ADAPTABILITY





CORN AFTER WHEAT 100%

CROP ROTATIONS CORN AFTER CORN

O 28-14



TDoubleppo

KNOW2GROW™ OBSERVATIONS

- > Dominated Ohlde Know2Grow™ Plots across all yield environments
- > Outstanding yield, excellent stalks, roots, Stay Green, and disease package make this hybrid a shining star in our lineup
- > Great option for Ohlde DairyReady[™] as a silage option
- > Big Robust plant style with outstanding ear flex
- > This is a must plant hybrid!

PLANT	TRAITS

EARLY PLANT VIGOR	1
EAR FLEX	1
GREEN SNAP	2
STAYGREEN	2
DRYDOWN	2
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

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

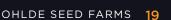
CORN AFTER CORN





CORN AFTER BEANS





O 29-14 | VTDoublePRO

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 loams and better yield environments

PLANT TRAITS

EARLY PLANT VIGOR		1
EAR FLEX		2
GREEN SNAP		3
STAYGREEN		5
DRYDOWN		2
9 8 7 6 5 4 3 2	1	

PLANT TOLERANCE

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



CORN AFTER WHEAT

100%

90%

O 97-14 | cd

CROP ROTATIONS

CONVENTIONAL

KNOW2GROW[™] OBSERVATIONS

- This hybrid brings big ear flex and versatility for dual purpose potential as a silage option with excellent quality
- Stable yields and can handle big yields at moderate populations
- Above average stalks but needs to be managed for a delayed harvest

PLANT TRAITS

EARLY PLANT VIGOR	3
EAR FLEX	1
GREEN SNAP	3
STAYGREEN	1
DRYDOWN	1
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

GRAY LEAF SPOT	4
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





CORN AFTER WHEAT

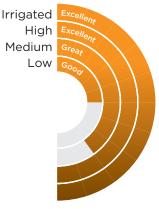
CORN AFTER BEANS



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

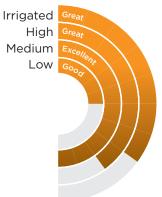
HYBRID ADAPTABILITY



DAIRWIREADY

GENERAL CHARACTERISTICS

Maturity (Days)	114
Plant Height	2
Ear Height	3
Root Strength	2
Stalk Strength	6
High Yield	1
Medium Yield	2
Low Yield	5



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 on the top end
- > Excellent Stay Green to stay intact for late season harvest and good disease package
- > Will work 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

CROP ROTATIONS

CORN AFTER CORN



O 26-15

KNOW2GROW™ OBSERVATIONS

- > High yielding hybrid with good drought tolerance and heat tolerance
- > Very good stalks and disease package to ensure late season intactness
- > High quality with good test weight
- Compliments the Ohlde line up with another outstanding hybrid
- > Excellent ear flex for moderate populations under tough soils

TDoubleppo

PLANT TRAITS

EARLY PLANT VIGOR	1
EAR FLEX	2
GREEN SNAP	6
STAYGREEN	2
DRYDOWN	2
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

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

CORN AFTER BEANS

90%

CROP ROTATIONS

CORN AFTER CORN



CORN AFTER WHEAT



PLANT TRAITS

EARLY PLANT VIGOR	3
EAR FLEX	1
GREEN SNAP	2
STAYGREEN	5
DRYDOWN	5
9 8 7 6 5 4 3	2 1

PLANT TOLERANCE

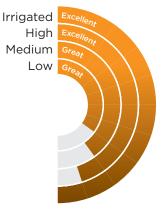
GRAY LEAF SPOT		4
GOSS'S WILT		3
SOUTHERN CORN RUST		4
DIPLODIA EAR ROT		2
ANTHRACNOSE		2
9 8 7 6 5 4 3 2	1	



DAIRWIREADY **GENERAL CHARACTERISTICS**

114
2
2
3
3
3
3
2

HYBRID ADAPTABILITY

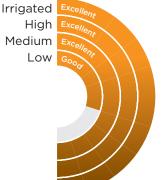


GENERAL CHARACTERISTICS

Maturity (Days)	115
Plant Height	3
Ear Height	2
Root Strength	2
Stalk Strength	2
High Yield	2
Medium Yield	1
Low Yield	3

HYBRID ADAPTABILITY

High Medium







CORN AFTER WHEAT 90%

O 98-15 | CONVENTIONAL

KNOW2GROW™ OBSERVATIONS

- > Big robust plant with high ear placement; caution under high yield environments
- > Big time flex that can be used as a dual purpose hybrid
- > Handles moderate and lower populations extremely well
- > Good overall disease package and Goss's Wilt rating

PLANT TRAITS



PLANT TOLERANCE

GRAY LEAF SPOT 3 2 2 DIPLODIA EAR ROT 2 ANTHRACNOSE 2 9 8 7 6 5 4 3 2 1

CORN AFTER BEANS

85%

CROP ROTATIONS







CORN AFTER WHEAT

O 20-16 Trecepta

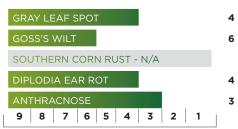
KNOW2GROW™ OBSERVATIONS

- New Trecepta line brings in added > pest protection for in season control
- > Big Flex ears that handle moderate to low populations
- > This hybrid will excel under the marginal yield environments where toughness counts
- > Great late season intactness and standability

PLANT TRAITS

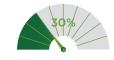


PLANT TOLERANCE



CROP ROTATIONS

CORN AFTER CORN





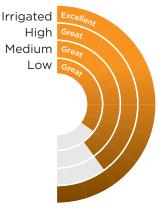


DAIRWEREADY

GENERAL CHARACTERISTICS

Maturity (Days)	115
Plant Height	2
Ear Height	2
Root Strength	2
Stalk Strength	1
High Yield	3
Medium Yield	2
Low Yield	2

HYBRID ADAPTABILITY



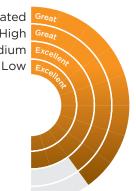
NEW

GENERAL CHARACTERISTICS

Maturity (Days)	116
Plant Height	3
Ear Height	3
Root Strength	3
Stalk Strength	2
High Yield	6
Medium Yield	3
Low Yield	2

HYBRID ADAPTABILITY

Irrigated High Medium Low



22 OHLDE SEED FARMS

O 29-16 VIDoublePRO

0 89-16 | SmartStax

KNOW2GROW™ OBSERVATIONS

- > #1 hybrid in our 2019 Know2Grow™ research program in all environments
- > Great defensive corn with stay green and late season intactness
- > Big robust plant style
- > Excellent ratings on green snap with strong stalks and roots
- > Outstanding hybrid that you need to try in 2020. Available in both VT2 and SmartStax

CROP ROTATIONS

CORN AFTER CORN



O 27-16

KNOW2GROW™ OBSERVATIONS

- > We see this hybrid as our potential O 24-14 replacement, it has been that good in testing
- > O 27-16 is a versatile product with excellent disease ratings and agronomic traits
- > Top end yield punch with yield stability across yield environments
- > Reminds us of O 24-14 when it first came out

PLANT TRAITS

EARLY PLANT VIGOR	3
EAR FLEX	5
GREEN SNAP	1
STAYGREEN	1
DRYDOWN	3
9 8 7 6 5 4 3 2 1	

PLANT TOLERANCE

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







3

3

2

1

3

2

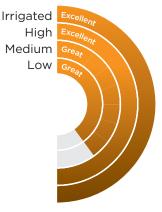
3

2

GENERAL CHARACTERISTICS

116
1
2
1
1
1
3
3

HYBRID ADAPTABILITY

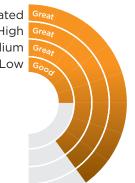


GENERAL CHARACTERISTICS

F E F S H N	Aaturity (Days) Plant Height Ear Height Root Strength Stalk Strength High Yield Aedium Yield	116 2 3 1 1 2 2 5
L	ow Yield	5

HYBRID ADAPTABILITY







1 SOUTHERN CORN RUST 3



8 7 6 5 4 3 2 1

PLANT TOLERANCE

GRAY LEAF SPOT

GOSS'S WILT

CROP ROTATIONS

CORN AFTER CORN





CORN AFTER WHEAT

80%

PLANT TRAITS

EAR FLEX

GREEN SNAP

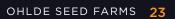
STAYGREEN

9

TDoublepp0

CORN AFTER BEANS





O 88-16 SmartStax

KNOW2GROW™ OBSERVATIONS

- > Robust plant type with excellent standability that is very impressive everywhere we take it
- > High yield hybrid with excellent defensive package
- > Very good grain quality with great test weights and big deep kernels
- > Handles multiple soil types and has been outstanding in the past three years testing

PLANT TRAITS



PLANT TOLERANCE

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

CROP ROTATIONS





CORN AFTER WHEAT

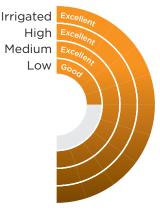
90%



GENERAL CHARACTERISTICS

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

HYBRID ADAPTABILITY



O 28-17 VTDoublepro

O 88-17 | SmartStax

KNOW2GROW™ OBSERVATIONS

- > Excellent test weight for possible food grade corn
- > Excellent stalks and roots for late season intactness and harvest needs
- > Semi-Flex ear with the ability to work at moderate populations and still give the top end yield punch
- > We really like the potential of this hybrid to work across a wide geography
- > Best performance 130-220 bushel yield environments

CROP ROTATIONS

CORN AFTER CORN



PLANT TRAITS

EARLY PLANT VIGOR		2
EAR FLEX		2
GREEN SNAP		3
STAYGREEN		2
DRYDOWN		2
9 8 7 6 5 4 3 2	1	

PLANT TOLERANCE

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

CORN AFTER BEANS

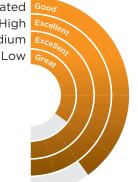


GENERAL CHARACTERISTICS

Maturity (Days)	117
Plant Height	2
Ear Height	2
Root Strength	1
Stalk Strength	1
High Yield	6
Medium Yield	3
Low Yield	1

HYBRID ADAPTABILITY





CORN AFTER WHEAT

90%

"We focus on delivering soil specific varieties for the soils in your operation."









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



2020 Soil Specific Seed Varieties

		OHLDI	E SC	OYB			HAF	RAC	TE	RIS	STIC	CS		
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 2030E	3.0	Enlist E3	2	NG	2	3	3	R	IB	1	MT	1	All	2,200-2,600
O 2032E	3.2	Enlist E3	2	1k	3	2	4	R	Ι	2	MT	5	All	2,800-3,000
O 1934E	3.4	Enlist E3	1	NG	2	N/A	2	R	Ι	2	М	1	All	2,500-2,800
O 1937E	3.7	Enlist E3	1	NG	2	N/A	2	R	Ι	2	M+	3	All	2,600-2,900
O 2037E	3.7	Enlist E3/STS	1	1k	1	2	5	R	IB	2	MT	3	All	2,700-3,000
O 1939E	3.9	Enlist E3	2	NG	1	N/A	2	R	IB	2	M+	5	All	2,700-3,000
O 1942E	4.2	Enlist E3	2	1a	3	N/A	4	R	I	2	MT	3	All	2,600-2,900
O 2042E	4.2	Enlist E3/STS	2	NG	N/A	N/A	N/A	R	IB	1	M+	2	All	3,000-3,400
O 2045E	4.5	Enlist E3/STS	2	1k	3	N/A	N/A	R	I	1	MT	3	All	2,900-3,200
O 2047E	4.7	Enlist E3/STS	2	NG	N/A	2	N/A	R	IB	2	MT	4	All	2,600-2,800
O 30X9	3.0	Xtend/STS	1	1c	3	2	2	R	Ι	2	М	3	All	2,600-2,900
O 34X7	3.4	Xtend	1	1c	2	3	2	R	IB	3	М	1	All	2,800-3,000
O 37X7	3.7	Xtend	1	1c	2	5	4	R	IB	1	MT	3	All	2,600-2,900
O 37X9	3.7	Xtend/STS/Excluder	1	1c	2	3	3	MR	IB	2	MT	4	Narrow	2,600-2,800
O 39X6	3.9	Xtend/STS/Excluder	1	1c	2	2	4	MR	IB	2	MT	2	All	2,600-2,800
O 41X8	4.1	Xtend/STS	1	1c	2	3	2	MR	IB	2	М	3	All	2,300-2,600
O 42X6	4.2	Xtend	1	NG	2	2	2	MR	IB	1	MT	4	All	2,600-3,000
O 42X0	4.2	Xtend/STS/Excluder	1	1c	3	2	3	MR	IB	2	MT	3	All	3,100-3,400
O 45X6	4.5	Xtend/STS/Excluder	1	1c	3	2	1	R	Ν	2	MT	3	Narrow	3,000-3,300
O 46X0	4.6	Xtend/STS/Excluder	2	1c	3	5	5	MR	В	3	MT	5	All	2,900-3,200
O 48X8	4.8	Xtend/STS/Excluder	1	1c	3	1	1	MR	Ι	2	Т	3	All	2,800-3,000
O 49X0	4.9	Xtend/STS	2	1c	3	5	2	R	I	2	MT	4	All	2,800-3,000
O 51X8	5.1	Xtend/STS	1	1c	3	4	3	MR	I	2	Т	4	All	2,600-3,000

PLANT STYLE:

N = NarrowI = Intermediate B = Bush

PLANT HEIGHT:

M = Medium MT = Medium Tall T = Tall

TECHNOLOGY:

RR2 = Genuity[®] Roundup Ready 2 Yield[®]

RR2 Xtend = Roundup Ready 2 Xtend®

GT27/LL = Glyphosate Tolerant & LibertyLink Excluder = Salt Excluder

- STS = Sulfonylurea Tolerant Soybean
- LL = LibertyLink

SCN Tolerance R = Resistant MR = Moderately Resistant



SOYBEANS

RATINGS

9	8	7	6	5	4	3	2	1	
9 = POC)R 7	= BELOV	/ AVG	5 = AVG	3 = 0	GOOD	1 = EXCI	ELLENT	

Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Genuity® Roundup Ready 2 Yield® soybeans, and Roundup Ready 2 Xtend® soybeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement, the Monsanto Technology Use Guide, and 2018 Technology Use Guide Addendum to include Roundup Ready 2 Xtend® Soybean. U.S. patents for Monsanto technologies can be found at the following webpage: http://www.monsantotechnology.com

GROWING REGION



Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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 DIRECTIONS FOR USE ON PESTICIDE LABELING. IT IS A VIOLATION OF FEDERAL AND STATE LAW to use any pesticide product than in accordance with its labeling. NOT ALL formulations of

ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. 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. 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.

Roundup Ready 2 Xtend[®] soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Technology Use Guide for recommended weed control programs.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready* technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup* brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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.

Acceleron®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, and Roundup Ready® are trademarks of Bayer Group.



Trademark and legal

MEnlist E3 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Enlist E3 soybeans were jointly developed by Dow AgroSciences and MS Technologies

®™ Colex-D, Enlist, Enlist Duo, Enlist Cone, Enlist E3 and the Enlist Logos are trademarks of The Dow Chemical Company ("Dow") or E. I. du Pont de Nemours and Company ("DuPont") or affiliated companies of Dow or DuPont. The Enlist™ weed control system is owned and developed by Dow AgroSciences LLC. Enlist E3 soybeans were jointly developed by Dow AgroSciences. Enlist Duo and Enlist One herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One herbicides are the only 2,4-D products authorized for use in Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

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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.



O 2030E

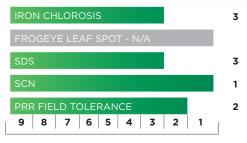
Rel. Maturity: 3

Know2Grow[™] OBSERVATIONS

- Medium tall variety with excellent standability for those high yield environments
- Excellent overall disease package
 PRR, SDS, IDC, and BSR
- > Displays good stress tolerance
- > Great choice if maturity fits



DISEASE TOLERANCE



TRAIT TECHNOLOGY



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	3
Plant Height	Medium Tall
Canopy Type	Intermediate
Soil Type	All

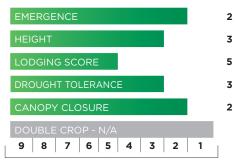
O 2032E

Rel. Maturity: 3.2

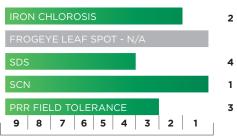
Know2Grow[™] OBSERVATIONS

- O 2032E displays lateral branching for great plant width
- Exhibted good IDC tolerance in those high pH situations
- A real "tough guy" line to take on stress

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY

listF:

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	3.2
Plant Height	Medium Tall
Canopy Type	Bush
Soil Type	All



NEW

NEW

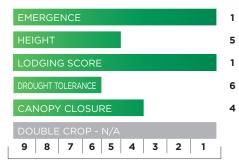
O 1934E

Rel. Maturity: 3.4

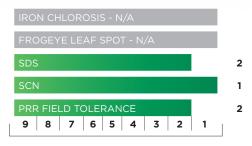
Know2Grow[™] OBSERVATIONS

- Medium plant height with excellent standability
- Excels in those irrigated or good production environments
- Upright plant that favors narrow rows
- > Excellent SDS tolerance

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	3.4
Plant Height	Medium
Canopy Type	Intermediate
Soil Type	All

O 1937E

Rel. Maturity: 3.7

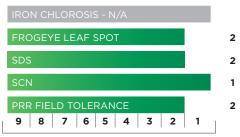
Know2Grow[™] OBSERVATIONS

- Medium plant height with a good lodging score
- > Exhibits good stress tolerance for those tough acres
- Great choice for a late group 3 bean that has great yield potential
- > Excellent SDS and frogeye tolerance

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

3.7
Medium Plus
Intermediate
All



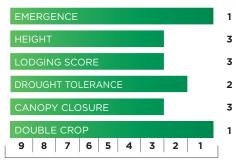
O 2037E

Rel. Maturity: 3.7

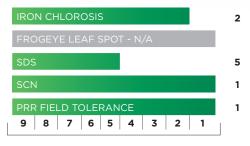
Know2Grow[™] OBSERVATIONS

- Outstanding seedling vigor for quick emergence
- Is stacked with STS for those double crop situations
- Medium Tall plant with good standability
- Has a nice agronomic package which contributes to its yield
- Great choice for those high pH soils

PLANT TRAITS



DISEASE TOLERANCE



NEW

TRAIT TECHNOLOGY



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	3.7
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All

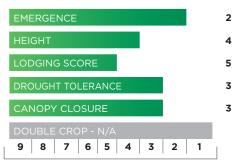
O 1939E

Rel. Maturity: 3.9

Know2Grow™ OBSERVATIONS

- This bean comes with a top of the line disease package
- Medium plant height that displays good canopy closure
- 3.9 maturity that give you the Enlist E3 herbicide option

PLANT TRAITS



DISEASE TOLERANCE

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

TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	3.9
Plant Height	Medium Plus
Canopy Type	Intermediate Bush
Soil Type	All



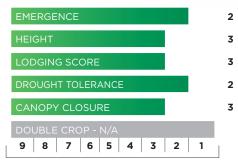
O 1942E

Rel. Maturity: 4.2

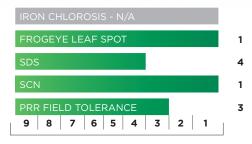
Know2Grow[™] OBSERVATIONS

- > Medium Tall plant height with intermediate bush canopy
- > Excellent yield potential and brings good yield stability for those tough acres
- > Works in all soil types
- > Shows good standability

PLANT TRAITS



DISEASE TOLERANCE



TRAIT **TECHNOLOGY**



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.2
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All

O 2042E

Rel. Maturity: 4.2

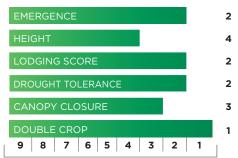
Know2Grow[™] OBSERVATIONS

- > A new 4.2 maturity E3 line that pops out of the ground quick and visually looks great
- > Works very well north to south
- > Medium plant height stacked with STS
- > Has shown very good standability
- > This bean is one to watch in the 2019 Know2Grow research plots!

TRAIT

TECHNOLOGY

PLANT TRAITS



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.2
Plant Height	Medium Plus
Canopy Type	Intermediate Bush
Soil Type	All



DISEASE TOLERANCE

FROGEYE LEAF SPOT 3 1 9 8 7 6 5 4 3 2 1

NEW

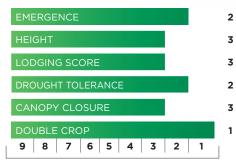


0 2045E Rel. Maturity: 4.5

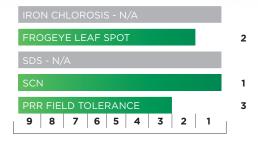
Know2Grow[™] OBSERVATIONS

- Medium Tall line with good standability
- > Performs very well on clay soils
- > Has STS
- A good mid group 4 option for the Enlist E3 program

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.5
Plant Height	Medium Tall
Canopy Type	Intermediate
Soil Type	All

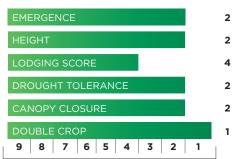
O 2047E

Rel. Maturity: 4.7

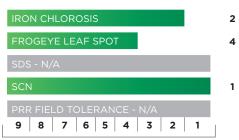
Know2Grow™ OBSERVATIONS

- Medium Tall plant and provides good canopy closure to help shade out those weeds
- > Another nice fit for clay soil types
- Has STS and is a great choice for those double crop situations
- > Is a Salt Excluder!

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.7
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All





NEW

NEW

LOOKING AHEAD

THE LATEST HERBICIDE AND TRAIT TECHNOLOGY.

Resistant and hard-to-control weeds pose a growing challenge for modern farming. The Enlist[™] weed control system builds on the glyphosate and glufosinate systems to advance herbicide and trait technology — taking weed control to a whole new level.

At Ohlde Seed Farms, our future is focused on delivering our customers the very best choices in genetics and traits that the industry has to offer. One of those choices is the Enlist[™] weed control system, which we have available for a large number of Enlist soybean varieties in our line-up. Look to Ohlde Seed Farms for a complete product lineup and recommendations tailored to your fields.

TRAITS

LEADING TRAIT TECHNOLOGY. EXCEPTIONAL WEED CONTROL.

Take advantage of the very latest trait technology — brought to you by Ohlde Seed Farms — for exceptional weed control and application flexibility. With tolerance to a new 2,4-D and glyphosate, the Enlist[™] system advances herbicide and trait technology by building on the glyphosate and glufosinate systems.



New 2,4-D Glyphosate Glufosinate



New 2,4-D Glyphosate

Glufosinate Stacked with:



FIELD-TESTED PERFORMANCE

In field trials, Enlist crops showed robust tolerance following application of Enlist Duo® herbicide.



New 2,4-D Glyphosate FOP herbicides

Stacked with:



Wide application window

Same application window you're used to with glyphosate herbicide.

ENLIST[™] CORN

No larger than V8 or 30 inches

ENLIST[™] SOYBEANS

No later than R2 (full flower)



Soybeans without the Enlist[™] tra treated with Enlist Duo® herbicio Enlist™ Soybeans treated with Enlist Duo® herbicide*

*4.75 pt./A + AMS at 2.5% v/v





HERBICIDE

TWICE AS TOUGH ON PROBLEM WEEDS.

Only Enlist Duo[®] herbicide with Colex-D[®] technology combines the proven performance of a new 2,4-D and glyphosate. The result: unrivaled weed control designed to land and stay on target.



Enlist Duo provides control of tough weed species such as ragweed, waterhemp, Palmer amaranth and marestail.



The innovations introduced with Colex-D technology will help growers and applicators address challenges beyond controlling tough weeds.

90% LESS DRIFT

Colex-D technology combines with low-drift nozzles to cut drift as much as 90% compared with traditional 2,4-D.

96% LESS VOLATILITY

Up to 96% less volatility than 2,4-D ester helps keep Enlist Duo in place to improve control and protect nearby crops.

MANAGEMENT RESOURCE

GET THE MOST FROM THE ENLIST[™] SYSTEM.

The Enlist Ahead management resource will help you get the best results from the Enlist system — today and for the future.

From management recommendations to technology advancements, Enlist Ahead is designed to help growers make on-target applications and responsibly manage resistance in the field.

MANAGEMENT RECOMMENDATIONS AND RESOURCES »

Easy-to-follow best management practices and resources take the guesswork out of application.

EDUCATION AND TRAINING »

Enlist 360 training demonstrates how this advanced system performs — and how to make the most of this technology in the field.

TECHNOLOGY ADVANCEMENTS »

Includes the latest technology from across the industry to maximize the performance of the Enlist[™] system.

EnlistAhead



Enlist Ahead offers growers benefits such as the Enlist Ahead app to plan herbicide applications and prevent resistance.





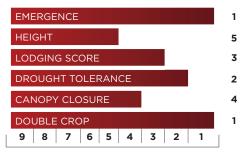


O 30X9 Rel. Maturity: 3

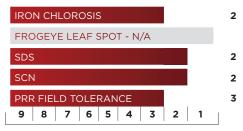
Know2Grow[™] OBSERVATIONS

- > A top line in the elite testing program in Nebraska
- Incredible plant style! Good height and width for its maturity
- Medium plant height with excellent yield potential
- This line brings added depth into the Ohlde line up
- A good option for those high pH situations

PLANT TRAITS



DISEASE TOLERANCE



TRAIT TECHNOLOGY

ROUNDUP READY 2

END

REANS

RECOMMENDED YIELD ENVIRONMENTS



Maturity (Days)	3
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All

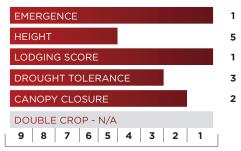


O 34X7 Rel. Maturity: 3.4

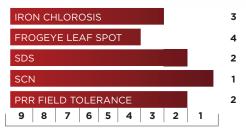
Know2Grow[™] OBSERVATIONS

- > Extremely consistent performing line across a wide geography
- Brings a good disease package > for all types of environments
- Medium plant height that Σ will work under high yield environments
- > Excellent standability with quick emergence

PLANT TRAITS



DISEASE TOLERANCE



TRAIT **TECHNOLOGY**



90%

High Yield

80%

RECOMMENDED YIELD ENVIRONMENTS



Medium Yield

Low Yield

Maturity (Davs) 3.4 Plan

GENERAL CHARACTERISTICS

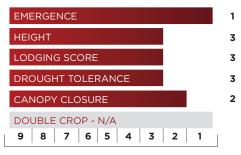
Maturity (Days)	3.4
Plant Height	Medium
Canopy Type	Intermediate Bush
Soil Type	Loam

O 37X7 Rel. Maturity: 3.7

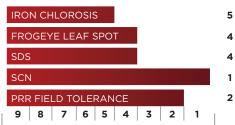
Know2Grow[™] OBSERVATIONS

- > This Medium plant is a great fit for upland type conditions with good plant height and row width
- > Dominating performance in the 2015, 2016, 2017 & 2018 data vs the best RR2 Xtend's in the market place
- > Yield consistency and yield stability define O 37X7
- > This is an excellent choice for clay soils. Keep off your loams

PLANT TRAITS

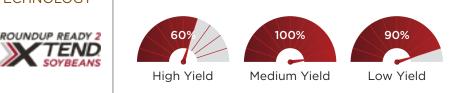


DISEASE TOLERANCE



TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



Maturity (Days)	3.7
Plant Height	Medium
Canopy Type	Intermediate Bush
Soil Type	Clay

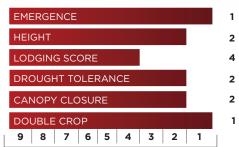


O 37X9 Rel. Maturity: 3.7

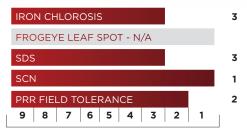
Know2Grow[™] OBSERVATIONS

- > Excellent choice for those double crop situations!
- > Great emergence to get up and out of the ground quickly
- > Medium Tall plant height that works well in narrow planted rows
- > Good frogeye tolerance, STS, and is a salt excluder

PLANT TRAITS



DISEASE TOLERANCE



TRAIT **TECHNOLOGY**



High Yield



Medium Yield

70%



GENERAL CHARACTERISTICS

Maturity (Days)	3.7
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All
Canopy Type	Intermediate Bush

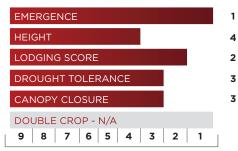
O 39X6 Rel. Maturity: 3.9

Know2Grow[™] OBSERVATIONS

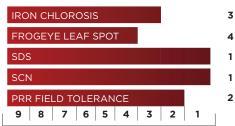
- > Shows good height and canopy to help shade out those weeds
- > Very good SDS score
- > Is a Salt Excluder and works great for those high pH soils

PLANT TRAITS

RECOMMENDED YIELD ENVIRONMENTS

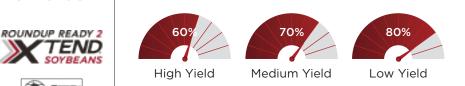


DISEASE TOLERANCE



TRAIT **TECHNOLOGY**

RECOMMENDED YIELD ENVIRONMENTS



Maturity (Days)	3.9
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All

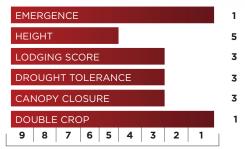


O 41X8 Rel. Maturity: 4.1

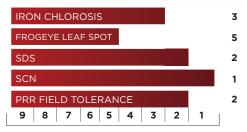
Know2Grow[™] OBSERVATIONS

- > Medium plant height with very good standability
- This bean is a yield dominator > in the late three and early four maturity groups
- > Shows incredible leaf area and will be quick to canopy
- > Displays excellent field emergence and seed vigor
- > O 41X8 is the bean to have on your farm!

PLANT TRAITS



DISEASE TOLERANCE



TRAIT **TECHNOLOGY**



RECOMMENDED YIELD ENVIRONMENTS





GENERAL CHARACTERISTICS

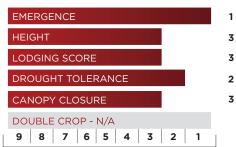
Maturity (Days)	4.1
Plant Height	Medium
Canopy Type	Intermediate Bush
Soil Type	All

O 42X6 Rel. Maturity: 4.2

Know2Grow[™] OBSERVATIONS

- > Very good stress tolerance for those tough acres
- > Quick vigor that pops out of the ground
- > Good plant height moves south well
- > Plant on your bottoms or your hills; this bean can go just about anywhere

PLANT TRAITS



DISEASE TOLERANCE

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

TRAIT **TECHNOLOGY**

TEND OYBEANS

ROUNDUP READY 2

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.2
Plant Height	Medium Tall
Canopy Type	Intermediate Bush
Soil Type	All



80% High Yield Medium Yield

0 42X0 Rel. Maturity: 4.2

Know2Grow[™] OBSERVATIONS

- > A great early-to-mid group 4 Xtend option for all yield environments
- > Medium Tall plant with good standability and a solid disease package
- > Is a salt excluder for those high salt situations!
- > Has STS and great choice for those double crop situations
- > This is the bean to watch in the 2019 Know2Grow research data

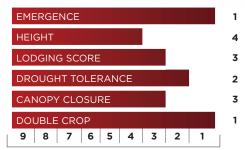
TRAIT

TECHNOLOGY

ROUNDUP READY 2

TEND SOYBEANS

PLANT TRAITS



DISEASE TOLERANCE

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

NEW

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

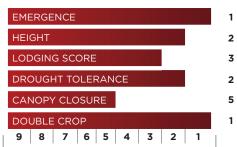
4.2
Medium Tall
Intermediate Bush
All

0 45X6 Rel. Maturity: 4.5

Know2Grow[™] OBSERVATIONS

- > Medium Tall plant height stacked with STS, is a salt excluder, and has excellent Green Stem ratings
- > Likes to be planted in narrow rows with a narrow canopy and stands extremely well
- > Shows good guts in low yields and responds to high yield environments

PLANT TRAITS



DISEASE TOLERANCE

IRO	N CH	ILOR	OSIS	5					2
FRO	GEYE	E LEA	F SP	ОТ					5
SDS									1
SCN									1
PRR	FIE	LD T(DLEI	RAN	CE				3
9	8	7	6	5	4	3	2	1	

TRAIT **TECHNOLOGY**

ROUNDUP READY 2

TEND OYBEANS

RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.5
Plant Height	Medium Tall
Canopy Type	Thin
Soil Type	Clay



OHLDE SEED FARMS 41

0 46X0 Rel. Maturity: 4.6

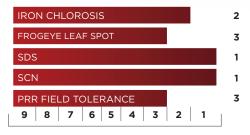
Know2Grow[™] OBSERVATIONS

- > A new 4.6 maturity in the Ohlde line-up that displays medium plant height and has STS!
- Works across all soil types and yield environments
- Nice agronmoic package inlcudes good tolerance to SCN, SDS, PRR, and SC
- > Performs great on clay and loams
- Salt excluder for those high pH situations

PLANT TRAITS



DISEASE TOLERANCE



NEW

TRAIT TECHNOLOGY



RECOMMENDED YIELD ENVIRONMENTS



GENERAL CHARACTERISTICS

Maturity (Days)	4.6
Plant Height	Medium
Canopy Type	Intermediate Bush
Soil Type	All

0 48X8 Rel. Maturity: 4.8

Know2Grow[™] OBSERVATIONS

- Tall plant style with very good standability
- Resistant to Stem Canker with a great SDS score
- Salt excluder for those high pH soils
- This bean has shown good stress tolerance and is stacked with STS

PLANT TRAITS

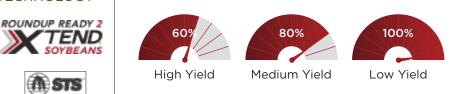
EMERGENCE	1
HEIGHT	1
LODGING SCORE	3
DROUGHT TOLERANCE	1
CANOPY CLOSURE	4
DOUBLE CROP	1
9 8 7 6 5 4 3 2 1	

DISEASE TOLERANCE

IRON CHLOROSIS								2	
FRC	DGEY	Έ LE	AF S	SPO	Т				4
SDS	5								1
SCN	1								1
PRF	R FIEI	LD T(DLE	RAN	CE				3
9	8	7	6	5	4	3	2	1	

TRAIT TECHNOLOGY

RECOMMENDED YIELD ENVIRONMENTS



Maturity (Days)	4.8
Plant Height	Tall
Canopy Type	Intermediate
Soil Type	All



O 49XO Rel. Maturity: 4.9

NEW

Know2Grow[™] OBSERVATIONS

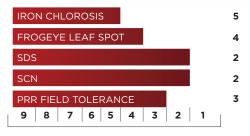
- > Tall variety makes it a good fit for clay soils
- > This bean will provide yield stability
- > Stacked with STS

TRAIT

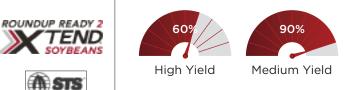
PLANT TRAITS



DISEASE TOLERANCE



RECOMMENDED YIELD ENVIRONMENTS **TECHNOLOGY**





GENERAL CHARACTERISTICS

4.9
Medium Tall
Intermediate
All

O 51X8 Rel. Maturity: 5.1

Know2Grow[™] OBSERVATIONS

- > Exceptional emergence and early season vigor
- > Frogeye tolerance is outstanding
- > Great product for your farm if the maturity fits

PLANT TRAITS

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

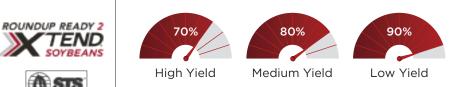
DISEASE TOLERANCE

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

TRAIT TECHNOLOGY

STS

RECOMMENDED YIELD ENVIRONMENTS



Maturity (Days)	5.1
Plant Height	Tall
Canopy Type	Intermediate
Soil Type	Clay





KNOW 2GROW



Verification Required

Most soybeans are still covered by a variety patent, and you will not be able to save and plant the seed from those varieties without a license giving you that added right. Check with your seed supplier before saving.

Higher Seeding Rate

Higher seeding rates may be required for bin-run compared to new branded seed.

Yield Loss

Genuity[®] Roundup Ready 2 Yield[®] soybean seed outyielded bin-run Roundup Ready® soybeans by 6.1 bu/A.1

Cleanout Loss

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

Lost Income

Income lost by not selling a bushel of soybeans that is saved for planting the next year.

The higher yielding trait technology of Roundup Ready 2 Yield soybeans showed a 6.1 bushel per acre advantage over original Roundup Ready soybeans.

High Value of New Branded Seed

Latest Technology

- Highest yielding soybean technology available
- · Six soybean trait products anticipated
- to come from Monsanto in the next 2-7 years*
- · Leading seed treatment options

*Pending regulatory approvals.

- **Customer Service**
- Dealer agronomic support before and after the sale
- Replant policy support
- · Convenient packaging and delivery

Monsanto receives hundreds of calls and letters nationwide each year about potential seed compliance matters. Anyone with concerns or questions can anonymously call 1-800-768-6387, Option 2.

Reliable Germination and Quality

US Federal Seed Act requirements

1First year results of 2-year protocol study with independent cooperators across 8 locations examining the yield differences of saved Roundup Ready soybeans versus newly purchased Roundup Ready 2 Yield soybeans.

• beyond • ---You're buying more than just seed. You're getting value today nd innovation for tomorrow. COMMITMENT. INNOVATION. PERFOR





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 Biotechnology Industry Organization Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in

Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity®, Monsanto and Vine Design®, Roundup Ready 2 Yield®, Roundup Ready®, and Roundup® are registered trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners. ©2015 Monsanto Company. 32219 3J8L149833

Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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

For more information about seed technology, visit ASTA's Beyond the Seed Program at www.beyondtheseed.org. ASTA, as a trade industry association, does not endorse products, services or technology of individual companies.

Monsanto Company is a member of Excellence Through Stewardship* (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for



- - · Rigorously tested for quality and meets
 - Free of seed-borne diseases
 - Properly stored and conditioned

GRAIN SORGHUM



RATINGS

9	8	7	6	5	4	3	2	1
9 = POC	DR 7	= BELOW	AVG	5 = AVG	3 = 0	GOOD	1 = EXC	ELLENT

Ο	530	Medium-Early

KNOW2GROW™ OBSERVATIONS

- Unbeatable hybrid when it comes to consistency, uniform height, and drydown
- Great fall graze potential after harvest
- Excellent drydown for early harvest and double crop situations
- Outstanding drought stress tolerance for those tough production acres

O 575 Medium

KNOW2GROW™ OBSERVATIONS

- > A consistent hybrid
- Excellent yield potential with outstanding stalks and roots to ensure yield
- > Great early season emergence
- Semi-open head with red grain for attractive appearance

PLANT TRAITS



GENERAL CHARACTERISTICS

1 = TALL

6

9 8 9 = SHORT 5

Cream	Grain Color	
2	Stalk Strength	
Semi-Open	Head Type	
1	Drought Tolerance	
5	High Yield	
62	Days to Mid Bloom	

PLANT TRAITS

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

Grain Color	Bronze
Stalk Strength	1
Head Type	Semi-Open
Drought Tolerance	1
High Yield	3
Days to Mid Bloom	67



O 584 Medium

KNOW2GROW[™] OBSERVATIONS

- An exciting new hybrid that not only brings a 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



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





SORGHUM SUDAN

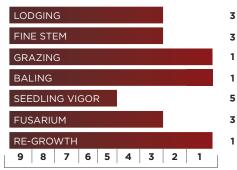
"Bringing our customers **the latest in weed control** is our commitment."

Grow Green

KNOW2GROW™ OBSERVATIONS

- Photoperiod sensitive sorghum sudan cross that brings together tonnage and excellent feeding values
- Offers great quality plus tonnage that a lot of other hybrids do not
- Contains the BMR-6 gene for high feeding values and sweet stalks
- Excellent regrowth for multiple cuttings

PLANT TRAITS



GENERAL CHARACTERISTICS

Plant Height	1
Stalk Strength	3
Tonnage	2
Silage Potential	4
Grazing Potential	3
Regrowth	1

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	

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



FORAGES

RATINGS

9	8	7	6	5		3	2	1
9 = POC	DR	7 = BELOW	/ AVG	5 = AVG	3 = (GOOD	1 = EXC	ELLENT

9	8	7	6	5	4	3	2	1
9 = S	HORT						1 = T	ALL

1

1

5

8

9

1

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

O 115B Brachytic Dwarf, 110-112 Day

KNOW2GROW[™] OBSERVATIONS

- BMR product with increased standability
- > High grain to stalk ratio
- Excellent product for dairy or feed yards
- Medium Short plant with large grain head
- > Ideal harvest is at soft dough stage

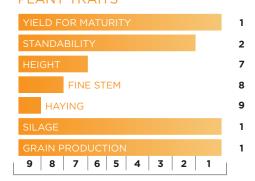
PLANT TRAITS

PLANT TRAITS

HAYING

FINE STEM

9 8 7 6 5 4 3 2 1



GENERAL CHARACTERISTICS

Plant Height	5
Stalk Strength	2
Tonnage	1
Silage Potential	1
Grazing Potential	4
Regrowth	9

GENERAL CHARACTERISTICS

Plant Height	7
Stalk Strength	3
Tonnage	1
Silage Potential	1
Grazing Potential	9
Regrowth	9

O 116B Brachytic Dwarf, 110-112 Day

KNOW2GROW[™] OBSERVATIONS

- High quality silage that will work for dairy production
- Short plant style with high grain production
- Very good drought tolerance
- Excellent palatability
- > BMR with good stalk quality

PLANT TRAITS

YIELD FOR MATURITY	1
STANDABILITY	2
HEIGHT	6
FINE STEM	8
HAYING	9
	-
SILAGE	1
SILAGE GRAIN PRODUCTION	1

Plant Height	6
Stalk Strength	4
Tonnage	1
Silage Potential	1
Grazing Potential	9
Regrowth	9





Ohlde Seed Farms is pleased to offer John Deere Financial financing options for the 2020 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.

Ohlde Seed Farms is offering you the following John Deere Financial financing options for the 2020 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 2020. This program is offered until February 15, 2020.
- **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, 2020.

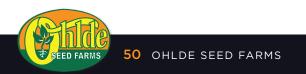
For additional financing options, please contact Ohlde Seed Farms.

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.





NOTES







2020 SEED GUIDE





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