



## 2023 CORN SEED GUIDE

# TABLE OF CONTENTS

---

**ALTA SEEDS CORN OVERVIEW**

**4**

**PRODUCT BENEFITS**

**6**

**ALTA SEEDS CORN HYBRIDS**

**10**

---

**Alta**  
seeds<sup>®</sup>  
by ADVANTA

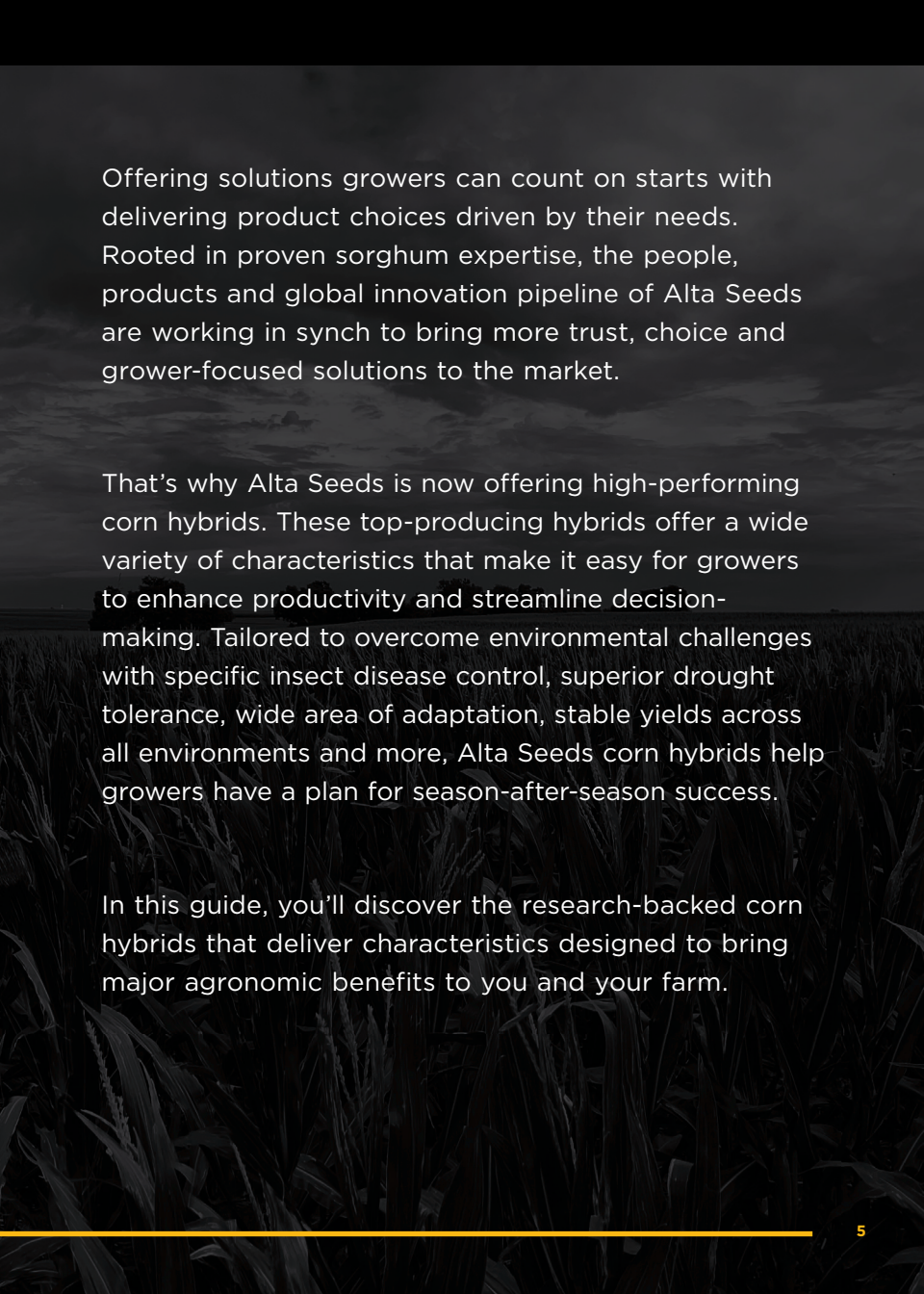




# MORE CHOICE, MORE CONTROL, MORE SOLUTIONS

**ALTA SEEDS CORN HYBRIDS**





Offering solutions growers can count on starts with delivering product choices driven by their needs. Rooted in proven sorghum expertise, the people, products and global innovation pipeline of Alta Seeds are working in synch to bring more trust, choice and grower-focused solutions to the market.

That's why Alta Seeds is now offering high-performing corn hybrids. These top-producing hybrids offer a wide variety of characteristics that make it easy for growers to enhance productivity and streamline decision-making. Tailored to overcome environmental challenges with specific insect disease control, superior drought tolerance, wide area of adaptation, stable yields across all environments and more, Alta Seeds corn hybrids help growers have a plan for season-after-season success.

In this guide, you'll discover the research-backed corn hybrids that deliver characteristics designed to bring major agronomic benefits to you and your farm.

# CONSTANT CHANGE CALLS FOR CONSTANT INNOVATION

Because there's always a new challenge on the horizon, we continue to offer products specially designed to help you succeed — like corn hybrids with high emergence and vigor scores, superior drought tolerance, wide area of adaptation and more:

## **VIPTERA™**

---

Controls damaging above-ground insects with two modes of action, resulting in less stand loss, noticeably cleaner ears with less insect damage and reduced risk of mold and mycotoxin development for high-quality grain.

## **VIPTERA™Z3**

---

Controls damaging above-ground insects with three modes of action, resulting in less stand loss, noticeably cleaner ears with less insect damage and reduced risk of mold and mycotoxin development for high-quality grain.

## **DURACADEVIPTERA™**

---

Controls 16 above- and below-ground insects.

Above ground, there is less damage from ear-, stalk- and leaf-feeding insects, resulting in less stand loss, noticeably healthier ears with less insect damage and reduced risk of mold and mycotoxin development for high-quality grain.

Below ground, there are stronger, more robust root systems that lead to healthier plants, fuller leaves that allow for increased photosynthesis and maximum grain fill and more robust stalks that stand tall.

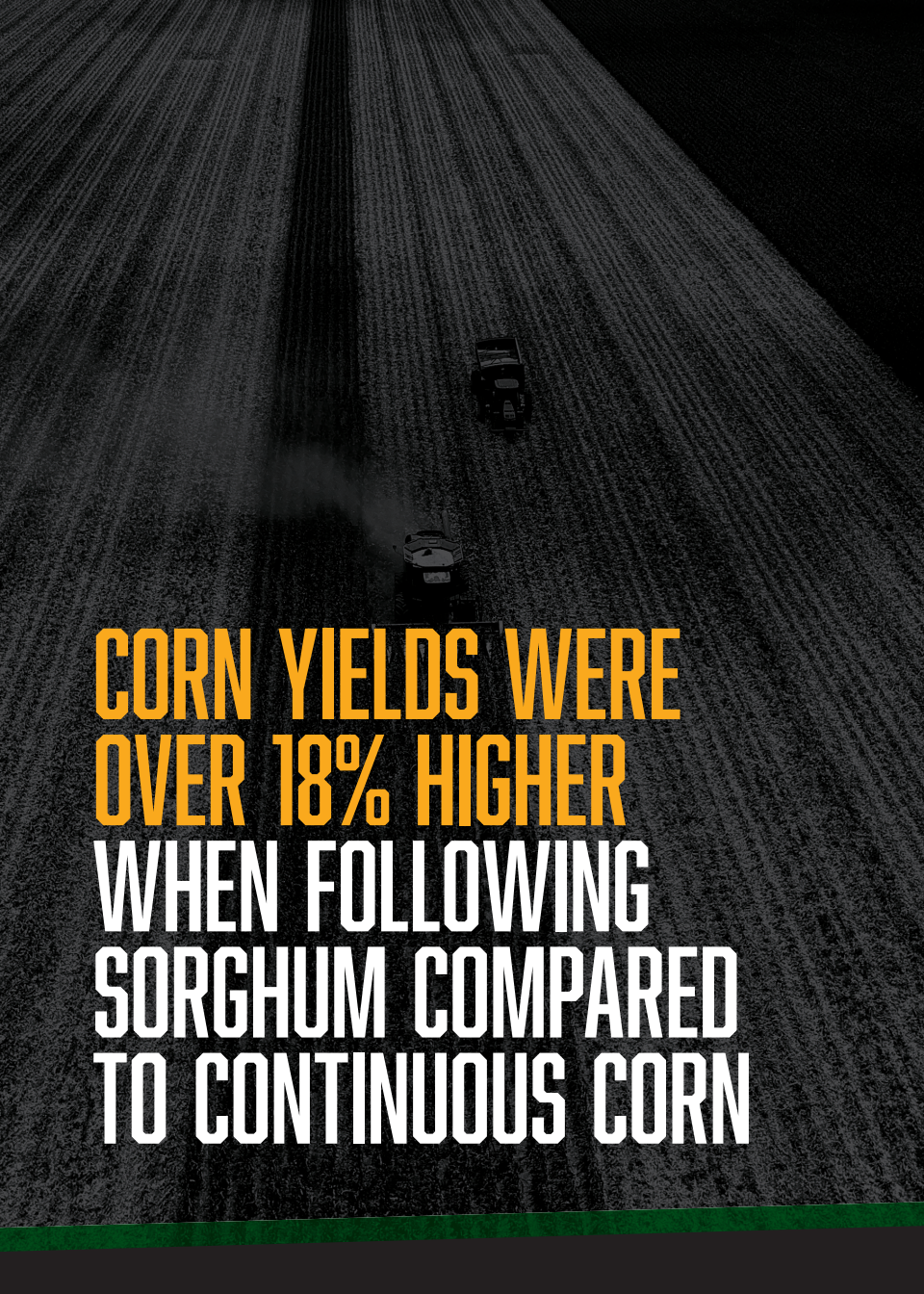
## **ENGINEERED TO CONTROL 16 CROP-DAMAGING INSECTS**

Corn earworm | Black cutworm  
Fall armyworm | Western bean cutworm  
Dingy cutworm | Common stalk borer  
Lesser cornstalk borer | Southern cornstalk borer  
True armyworm | Beet armyworm  
Sugarcane borer | European corn borer  
Southwestern corn borer | Western corn rootworm  
Northern corn rootworm | Mexican corn rootworm

## **MADE FOR YOUR ACRES**

Wide area of adaptation  
Dependable drought tolerance  
Stable yields across all environments  
Superior yield potential



An aerial photograph of a vast cornfield, showing the dense rows of crops stretching towards the horizon. Two tractors are visible in the middle ground, moving through the field. The image is dark, with the corn plants appearing as a textured, dark green/black surface. The text is overlaid on the lower half of the image.

**CORN YIELDS WERE  
OVER 18% HIGHER  
WHEN FOLLOWING  
SORGHUM COMPARED  
TO CONTINUOUS CORN**

## COMPLETING YOUR SORGHUM SYSTEM



## FIRST COMES SORGHUM, THEN COMES CORN

**Sorghum delivers unique benefits that ensure maximum corn growth.**

Sorghum's deeper and wider root structure is nearly twice the size of corn, so it breaks up soil compaction.<sup>1</sup>

Sorghum uses less moisture and has a larger root mass to allow moisture to absorb into the soil when it comes.

Sorghum leaves more crop residue behind in a field, preventing moisture from evaporating as quickly — especially good ahead of corn.

1. "Sorghum Can Boost Yield of Next Crop." Farm Progress, [www.farmprogress.com/sorghum/sorghum-can-boost-yield-next-crop](http://www.farmprogress.com/sorghum/sorghum-can-boost-yield-next-crop).





# A

## FULL-SEASON GRAIN CORN

112

RELATIVE MATURITY

## TRAITS AVAILABLE



Viptera



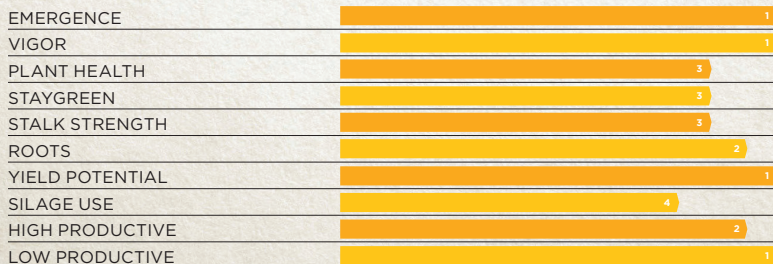
Duracade  
Viptera

## HIGHLIGHTS

- » Outstanding high yield potential
- » Excellent seedling vigor
- » Wide area of adaptation

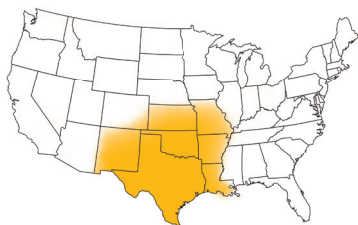
## RATINGS

POOR EXCELLENT  
10 9 8 7 6 5 4 3 2 1





# DV1124



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	RUST	NCL	GOSS'S WILT
Hs	Hs	S	Ma	S	S

**Hs** = Highly Suitable    **S** = Suitable    **Ma** = Manage Appropriately    **X** = Poor Suitability



## FULL-SEASON GRAIN & SILAGE CORN

118

RELATIVE MATURITY

TRAITS AVAILABLE



## HIGHLIGHTS

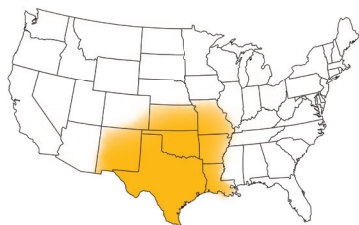
- » Big showy deep green plant
- » High grain yields
- » Above-average health package

## RATINGS

POOR 10 9 8 7 6 5 4 3 2 1 EXCELLENT

EMERGENCE	2
VIGOR	1
PLANT HEALTH	1
STAYGREEN	2
STALK STRENGTH	2
ROOTS	1
YIELD POTENTIAL	1
SILAGE USE	1
HIGH PRODUCTIVE	1
LOW PRODUCTIVE	3

# ADV1181



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	RUST	NCL	GOSS'S WILT
Hs	S	Hs	S	Hs	Hs

**Hs** = Highly Suitable

**S** = Suitable

**Ma** = Manage Appropriately

**X** = Poor Suitability





## FULL-SEASON GRAIN & SILAGE CORN

115

RELATIVE MATURITY

### TRAITS AVAILABLE



Viptera z3



Duracade  
Viptera

### HIGHLIGHTS

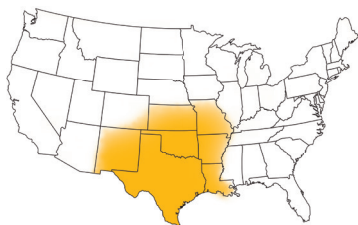
- » Strong agronomic package
- » Great silage option
- » Stable yields across all environments

### RATINGS

POOR EXCELLENT  
10 9 8 7 6 5 4 3 2 1

EMERGENCE	2
VIGOR	1
PLANT HEALTH	2
STAYGREEN	1
STALK STRENGTH	2
ROOTS	3
YIELD POTENTIAL	1
SILAGE USE	1
HIGH PRODUCTIVE	1
LOW PRODUCTIVE	2

# ADV1155



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	ANTHRACNOSE	NCL	GOSS'S WILT
Hs	S	Hs	No Data	Hs	S

**Hs** = Highly Suitable

**S** = Suitable

**Ma** = Manage Appropriately

**X** = Poor Suitability



# A

## MID-SEASON GRAIN CORN

# 109

RELATIVE MATURITY

## TRAITS AVAILABLE



Viptera



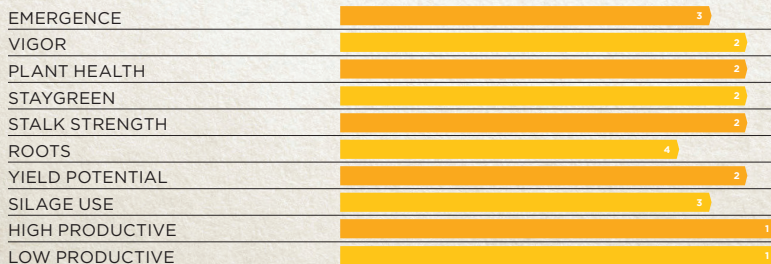
Duracade  
Viptera

## HIGHLIGHTS

- » Superior drought tolerance
- » True workhorse hybrid
- » Moves well south of zone

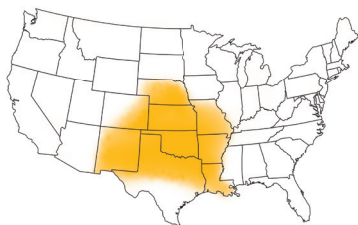
## RATINGS

POOR EXCELLENT  
10 9 8 7 6 5 4 3 2 1





# DV1090



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	RUST	NCL	GOSS'S WILT
Hs	Hs	S	S	Hs	Hs

**Hs** = Highly Suitable

**S** = Suitable

**Ma** = Manage Appropriately

**X** = Poor Suitability



## FULL-SEASON GRAIN CORN

116

RELATIVE MATURITY

### TRAITS AVAILABLE



## HIGHLIGHTS

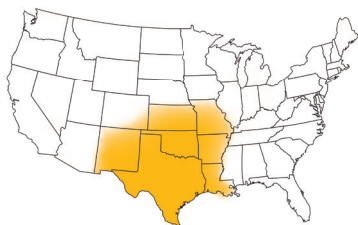
- » Superior yield potential
- » Excellent disease package
- » Wide positioning adaptation

## RATINGS

POOR 10 9 8 7 6 5 4 3 2 1 EXCELLENT

EMERGENCE	1
VIGOR	1
PLANT HEALTH	1
STAYGREEN	2
STALK STRENGTH	1
ROOTS	1
YIELD POTENTIAL	1
SILAGE USE	2
HIGH PRODUCTIVE	2
LOW PRODUCTIVE	1

# ADV1167



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	ANTHRACNOSE	NCL	GOSS'S WILT
Hs	S	Hs	S	Hs	Hs

**Hs** = Highly Suitable

**S** = Suitable

**Ma** = Manage Appropriately

**X** = Poor Suitability





## FULL-SEASON GRAIN CORN

115

RELATIVE MATURITY

### TRAITS AVAILABLE



## HIGHLIGHTS

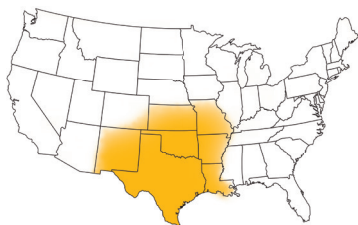
- » Wide area of adaptation
- » Good flex ear for lower populations
- » Exceptional plant health and staygreen

## RATINGS

POOR 10 9 8 7 6 5 4 3 2 1 EXCELLENT

EMERGENCE	1
VIGOR	2
PLANT HEALTH	1
STAYGREEN	1
STALK STRENGTH	2
ROOTS	2
YIELD POTENTIAL	2
SILAGE USE	1
HIGH PRODUCTIVE	1
LOW PRODUCTIVE	3

# DV1178



## RECOMMENDED SEEDING RATES

Please see your Alta Seeds retailer for local recommendations.



PRIMARY AREA OF ADAPTATION

## FIELD POSITIONING

IRRIGATION	DRYLAND	CORN AFTER CORN	ANTHRACNOSE	NCL	GOSS'S WILT
Hs	S	S	Hs	Hs	S

**Hs** = Highly Suitable

**S** = Suitable

**Ma** = Manage Appropriately

**X** = Poor Suitability



At Alta Seeds, we're helping  
growers like you address  
ever-evolving needs with  
ever-present solutions.

---

Regardless of the season,  
regardless of the challenge, the  
Alta Seeds team is constantly  
innovating to deliver new and  
innovative ways for growers to  
enhance productivity, streamline  
decision-making and  
**GROW MORE SUCCESS.**







Alta Seeds is a trademark of Advanta US, LLC, an operating unit of Advanta Seeds, a global company. DuracadeViptera™, Viptera™, Viptera™Z3, and E-Z Refuge® are trademarks of a Syngenta Group Company.

**Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.** More information about Duracade™ is available at biotradestatus.com. Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF. Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC.

HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

©2022 Advanta Seeds. 746-2212D



**altaseeds.com**

301 Polk Street, Suite #860

Amarillo, TX 79101

**844-529-3420**



*Planting Refuges, Preserving Technology*

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