



Cooperative Producers, Inc.

SEED 2024 GUIDE



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**Cooperative
Producers Inc.**



@cpicoop



@CPI_coop



**Cooperative
Producers Inc.**



@cpicoop

TO OUR VALUED CUSTOMERS:



Here at CPI, we understand the value of your investment when it comes to making seed decisions for your farm. This is why we partner with some of the best genetics and traits providers in the industry to deliver solutions that address our growers needs.

Our team of professionals evaluate products across our geography to help growers find the best fit for their specific needs. We understand the variances in soil types, production practices, weed, insect and disease pressures, and the expectations that come with raising a crop. Whether you need drought tolerance, above and/or below ground insect protection, or herbicide technology options, our team of agronomy professionals is prepared to help you and your crop achieve its full potential.

If you have questions about what options might be best for you, contact one of our CPI Sales Agronomists today.

Sincerely,

A handwritten signature in blue ink that reads "Mike Battin".

Mike Battin
Vice President of Agronomy

WHAT YOU'LL FIND INSIDE...



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SEED TREATMENTS

FORCEFIELD®

CPI's proprietary FORCEFIELD® seed treatment protects your soybeans or wheat from early season disease and insect pressure when your stands are at their most vulnerable stage. With a version designed for each respective crop, FORCEFIELD® seed treatments consist of a fungicide, insecticide and inoculant to stimulate early growth and maximize yield potential.

Minimize your risk each season and look into having your seed coated with FORCEFIELD® seed treatment. To get an idea of the potential return on investment FORCEFIELD® can provide, contact your local CPI Sales Agronomist.



SHOWTIME™ EMERGE ST

ShowTime™ Emerge ST is a unique blend combining essential macro and micro nutrients and a proprietary blend of plant extracts to stimulate seed germination and to maximize early seedling growth and vigor. ShowTime™ Emerge ST also includes a balanced ratio of three hormones designed to work together to enhance seed germination and seedling establishment, provide stress reduction in cold soils, enhance cell elongation, and increase nutrient uptake for higher yield potentials.



PHOSPHATE ADDITIVES

Protect	3 qt/ton	Polyamino Acid	Increases phosphate efficiency, micronutrient availability and plant uptake. The Protect polymer reduces phosphate fixation in the soil, leading to greater phosphate availability.
For dry phosphate fertilizer	10.8 lbs/gal		
Protect LFS	1 gal/100 gal		
For liquid phosphate fertilizer	10.2 lbs/gal		

NITROGEN STABILIZERS

Hold-oN	3.25 qt/ton	NBPT	A urease inhibitor for nitrogen. Use where above ground nitrogen loss occurs; pre-plant, side-dresser other surface applications. <u>Do NOT combine with water in the tank.</u>
Urea	8.84 lbs/gal		
Function	9.7 lbs/gal	DCD	A nitrogen stabilizer that protects your applied nitrogen fertilizers from converting to nitrate and leaching through the soil profile before the crop can use it. (Fertigation use rate: 1 oz/gal of UAN) <u>Pretreat when impregnating to allow for maximum dry time.</u>
UAN	1.5-2 pt/A		
Anhydrous Ammonia	1 qt/A		
Urea	1 qt/A		

MICRONUTRIENTS

Microblend Flex	1-2 qt/A	N, K, S, Fe, Mn, Zn, B	Enhanced blend of macro and micronutrients that can be used in a versatile manner. Includes amino acid for better leaf absorption and helps reduce herbicide stress.
	10.83 lbs/gal		
Chelated Zn	1 qt/A	Zn-10% N-8%	Provides zinc and is designed for soil broadcast or polyphosphate row starter applications. <u>Chelated Zn is NOT for foliar or ortho-phosphate row starter applications. Does NOT mix with water.</u>
	10.1 lbs/gal		

BIOSTIMULANTS

Triad	4-8 oz/A	Cytokinin GA IBA	Powerful hormone based biostimulant with the right ratio and concentration of cytokinin, gibberellic acid and auxin to mitigate stress and improve yields.
	8.36 lbs/gal		
Mitigate +	0.6 dry oz/A	Dicarboxylic Acids	Patented biostimulant that primes the plant to mitigate the impact of stress, leading to better crop quality and higher yields.
Foster FC	1-2 pt/A	Blend of 8 bacteria strains	Microbial-based fertilizer catalyst that is designed to drive plant vigor and optimize yield potential.

SEED TREATMENTS

Emerge ST	Corn 1.2oz/unit Beans 0.6oz/unit	Cytokinin, Gibberellic Acid, IBA, growth additive and micronutrients	A nutrient and extract based biostimulant which provides the building blocks for plant cells and processes at the earliest stage possible. Also, a triple hormone growth booster targeted at plant stress reduction.
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Microblend Extreme and Triad™ are approved for tank mixing with Engenia® herbicide and XtendiMax® With VaporGrip® Technology



Secure Coat equips your seed with the essentials needed to get off to the right start. **Secure Coat** provides improved emergence, root development, and defense against crop stresses.

4 Key Components

Living biological complex

- Microbial strains focused on root growth & in-season stress defense

Key nutrients

- On-seed for immediate uptake
- Enhance early season plant vigor

Energy source

- For both microorganisms and plants to fuel crop performance

Talc & graphite in an 80/20 blend

- Dries seed and improves flowability
- Replace your current talc/graphite blend

Calcium	1.0%
Magnesium	0.5%
Iron	0.1%
Sulfur	4.0%
Manganese	4.0%
Zinc	10.0%



Instructions for use

- Secure Coat should be used the same way as standard graphite/talc flow agents
- For hopper boxes, best results are expected by gently stirring in Secure Coat
- For center fills, add Secure Coat in conjunction to adding seed

See label for use rate by crop

CPI AGRONOMY SALES TEAM



Jeff Consbruck
402-469-5987



Derrick Drohman
402-621-0128



Mike Garrett
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Josh Harms
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Brent Mau
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Travis Meents
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Zach Parr
402-469-8328



Dillon Schall
402-366-3538



Rudy Stofer
402-335-7235



Kyle Thatcher
402-762-5932



Randy Van Laningham
308-991-8208

SEED EARLY ORDER PROGRAM



**Place your seed order early
and receive a discount!**

*Order must be placed by date listed
to receive discount.

ORDER BY:

NOV 15, 2023

JAN 12, 2024

CORN

\$15/bag

\$5/bag

SOYBEANS

\$3/bag

\$1/bag

Cooperative Producers, Inc. • PO Box 1008, Hastings, NE 68902 • www.cpicoop.com



- 2024 - FINANCING PROGRAMS

ABOUT OUR FINANCING PROGRAMS

CPI & The Cooperative Finance Association are making special financing programs available to you for the 2024 crop year. These special rates are only available for products & services provided by CPI.

- Improves security of product supply
- Locks-in input costs to maximize income potential & reduce risk
- Secures a confidential source of payment for input products & services
- Presents a comprehensive agronomic relationship to complement your operation
- Provides flexible payment date to match your marketing strategy
- Offers early payment without penalty
- Saves time with a convenient one-stop source for all your input needs



EARLY BIRD*

**PURCHASED/CONTRACTED
PRIOR TO 10/31/2023**

2.99% variable rate until
9/30/2024 and then 9.50%*
variable rate until loan maturity
on all purchases from CPI.

MID SEASON

**PURCHASED/CONTRACTED
PRIOR TO 1/15/2024**

5.99% variable rate until
9/30/2024 and then 9.50%*
variable rate until loan maturity
on all purchases from CPI.

IN SEASON

**PURCHASED/CONTRACTED
AFTER 1/15/2024**

8.75%* variable rate until
9/30/2024 and then 9.50%*
variable rate until loan maturity
on all purchases from CPI.

* As of July 20, 2023, Variable Interest Rate based on CFA's Field Finance Rate. Rates are subject to change. For current interest rates, please refer to CFA Interest Rate Indices at www.cfafs.com.

* Seed program participants will receive a reduced cash discount using CFA Financing.

- ✓ **FINANCE PROGRAM:** Subject to CFA loan approval and \$200 loan fee advanced on the loan.
- ✓ **ALL CPI PURCHASES:** All agronomy and energy needs for crop inputs qualify for this program.
- ✓ **APPLICATION SERVICES:** Application of product qualifies for product finance terms.
- ✓ **SIGN UP DEADLINE:** 5/17/2024.
- ✓ **MATURITY:** Loan matures 1/15/2025.

COMPLETE ELECTRONIC APPLICATION* NOW AVAILABLE ON THE CFA WEBSITE

***LOGIN REQUIRED - CONTACT RUSS KULWICKI AT 402-463-5181**

ADVANTAGE PRE-PAY PROGRAM

ABOUT THE PROGRAM

CPI Advantage is our in-house pre-pay program. By pre-paying your inputs in advance, you can get up to 6% more purchasing power.

- Runs September 1, 2023 - January 12, 2024
- Valid on purchases of seed, fertilizer, chemical, precision, & energy (buckets)
- Growers will earn a minimum of 2% on all money collected during the time period.
- Purchases will be divided into buckets before billing
- You must use 100% of the pre-pay money with CPI to receive program funding



up to
**RECEIVE
6%**
ON PURCHASES
FROM CPI



**1 BUCKET
2.00%**



**2 BUCKETS
2.75%**



**3 BUCKETS
4.00%**



**4 BUCKETS
5.00%**



**5 BUCKETS
6.00%**

If you utilize the CPI Advantage Program with a minimum \$50,000 pre-pay, you could receive \$1,000* to \$3,000* purchasing power

**Purchasing power percentage depends on the number of buckets you commit to/purchase from. All purchases are subject to CPI approval. Minimum purchase amounts for each individual bucket may be required.*

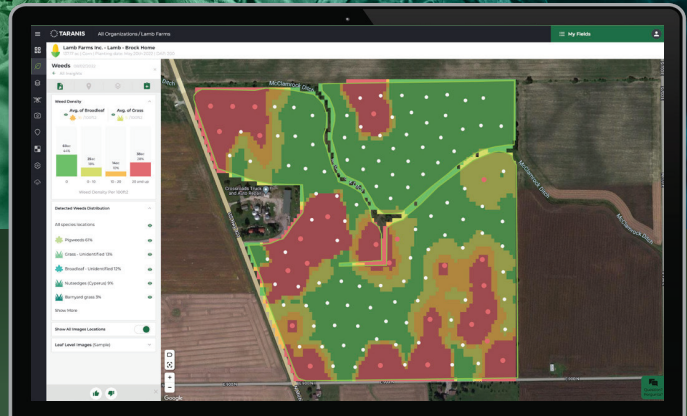
**Purchasing power earned will be credited to your account & must be redeemed on future purchases from CPI.*

HOW TO UTILIZE THE PROGRAM?

CONTACT YOUR LOCAL CPI SALES AGRONOMIST TO SIGN UP

Helping you grow.

AI-enabled, leaf-level insights provide unsurpassed resolution and unmistakable insights, eliminating guesswork and enabling faster, more effective action.



REMOTE MONITORING

Taranis delivers millions of high-resolution, leaf-level images that allow you to see the big picture of how you can improve your operation anytime, anywhere.



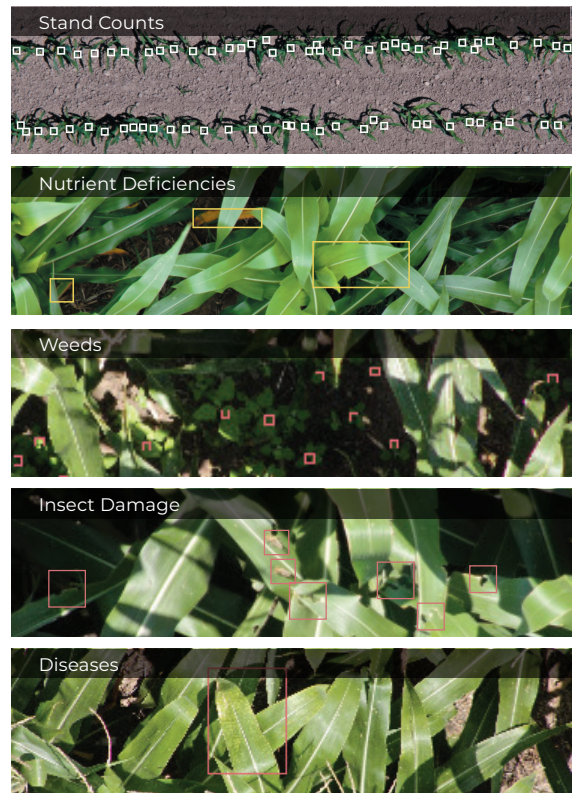
RESOURCE ALLOCATION

If you're looking to gain a competitive advantage in today's market, the dollars are in the details. Get more out of every seed you plant with precision insights that allow you to see which adjustments you can make to get the most out of your acres.



CROP INTELLIGENCE

We aren't an artificial intelligence company. We're a human intelligence company. Our incredibly advanced data is analyzed, parsed, and delivered by real ag people, with serious ag knowledge, across our platforms.



CORN FLIGHT TIMING

Our full-service scouting plans allow for actionable insights within hours so you can see more of your acres faster. The story of your fields is always at your fingertips. Now, you have the information you need for analysis and predictive planning.



PRO +

SOYBEAN FLIGHT TIMING

Accurate and precise crop monitoring throughout the season, helps you produce a healthier better yielding crop. Knowing where intervention may be needed before a yield robbing issue occurs.



UNDERSTANDING *Your Dirt*

- Start your year off right by having accurate soil samples pulled.
- Multiple sampling options available to fit your specific farming needs.
- Know what each field's specific needs are.
- Be accurate with fertilizer placement utilizing fertilizer prescriptions.

Contact your CPI Sales Agronomist
for more information.



CPI PRECISION AGRONOMY TEAM



Katelyn Duffy
*Precision Agronomy
Manager*



Sarina Janssen
*Precision Agronomy
Support Specialist*



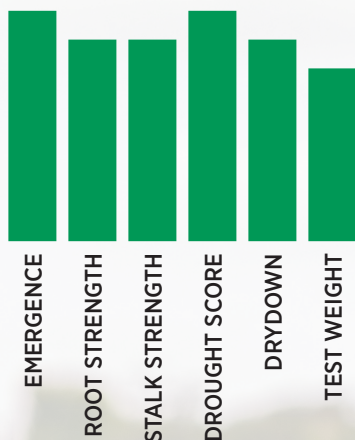
Darla Thorell
*Precision Agronomy
Support Specialist*

CORN HYBRIDS



DEKALB CORN PRODUCTS

DKC59-81RIB

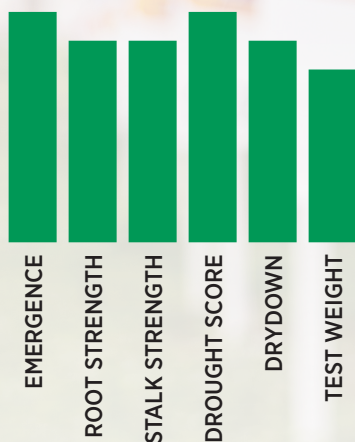


Offers growers a product that has shown great stability in appearance and performance across environments and geographies.

- Has shown very consistent ear development even under stress
- Very good greensnap and Goss's Wilt tolerance ratings
- Adapted to both dryland and irrigated environments
- Has shown stability across soil types
- Push plant populations to maximize yield potential

SmartStax
RIB COMPLETE

DKC59-82RIB

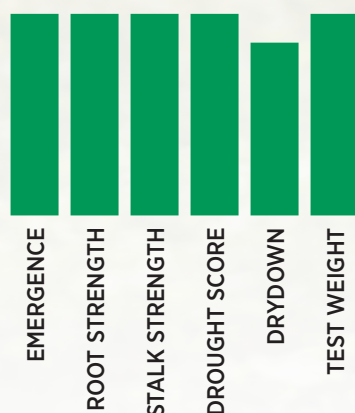


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SmartStax
RIB COMPLETE

DKC62-89RIB

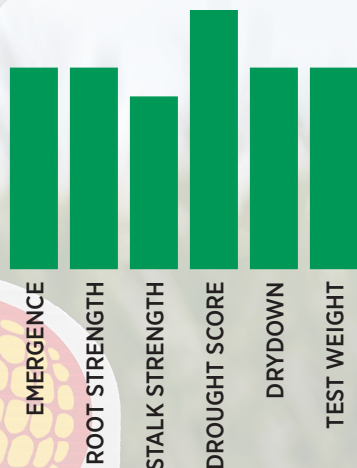


Outstanding yield performance broadly across the 110RM corn belt. Offers very good agronomics for acre usage versatility.

- Plant at higher populations to capitalize on yield potential
- Can provide excellent greensnap tolerance
- Has shown good heat & drought stress performance
- Has shown good root strength & standability
- Potential benefits of foliar fungicides in heavy Gray Leaf Spot prone geographies

Trecepta
RIB COMPLETE

DKC63-55RIB

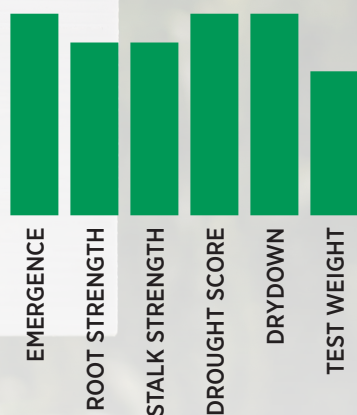


Has shown solid overall agronomics with excellent stalk strength and greensnap tolerance.

- High yield potential across environments & production systems
- Has shown excellent drought tolerance
- Strong disease package with very good Goss's Wilt & above average GLS tolerance
- Good fit for early planting & reduced tillage systems thanks to very good emergence & excellent seedling vigor
- Well suited for dryland & limited irrigation production systems

DroughtGard® **VTDoublePRO®**
HYBRIDS RIB COMPLETE

DKC63-90RIB

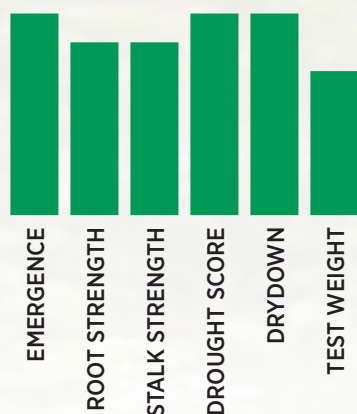


A product with high yield potential and very good Goss's Wilt tolerance. Additional strengths include a nice late season appearance & strong standability.

- Has shown stable performance across environments
- Can stand well late into the season due to strong stalks & roots
- Has exhibited very good greensnap tolerance
- Adaptable to both dryland and irrigated environments
- Can be planted across a range of populations

SmartStax®
RIB COMPLETE

DKC63-91RIB

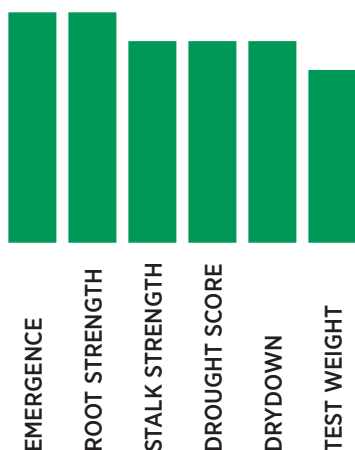


A broadly adaptable 113RM product with high yield potential and very good Goss's Wilt tolerance. Additional strengths of this product include a nice late season appearance and strong standability.

- Has shown stable performance across environments
- Can stand well late into the season due to strong stalks & roots
- Has exhibited very good greensnap tolerance
- Adaptable to both dryland and irrigated environments
- Can be planted across a range of populations

VTDoublePRO®
RIB COMPLETE

DKC64-64RIB

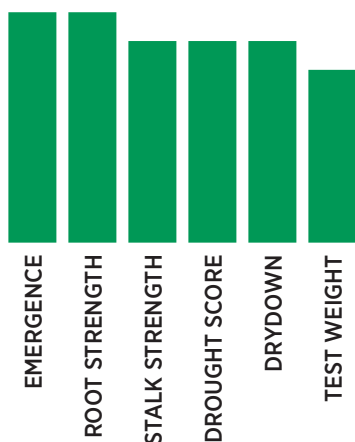


A product that has the potential to deliver outstanding yield potential and has consistently been a strong performer across stages of testing.

- Shown outstanding high yield potential across environments
- Appears to perform well, even in high pH soils
- Use caution when applying growth regulator herbicides
- Can provide excellent heat and drought stress performance
- Plant at moderate populations to capitalize on ear flex

SmartStax
RIB COMPLETE

DKC64-65RIB

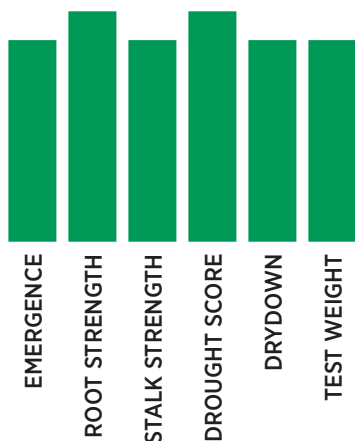


A high performing hybrid that has shown very good yield stability. Typically a moderate plant height with very good standability, it can provide good harvest timing flexibility.

- Has shown very good emergence and early season vigor
- Best positioned on medium to high yield environments
- Has shown very good stalk and root strength
- Has shown strong performance in corn following corn rotations
- A fungicide application may benefit performance in fields where Southern Rust is prominent.

VT DoublePRO
RIB COMPLETE

DKC68-48RIB

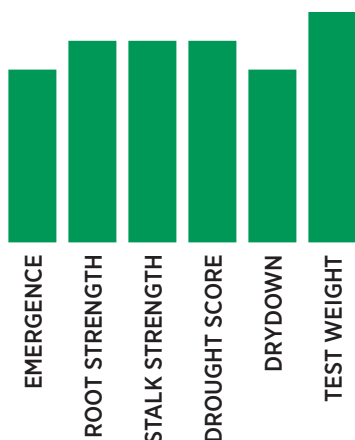


An attractive robust hybrid widely adapted to the 115 and 120 relative maturity zones, East to West, offering strong yield performance potential against current DEKALB portfolio offerings.

- Hybrid has shown very good stress tolerance, performance stability and versatility across cropping rotations.
- Excellent root strength and very good stalk strength
- Can provide a very good Goss's Wilt tolerance as well as good greensnap tolerance for the Western corn belt.
- Has demonstrated very good performance on both irrigated and dryland acres

SmartStax
RIB COMPLETE

DKC70-27RIB



A 120RM corn that offers exciting yield potential in both irrigated and dryland environments. This product also offers strong foliar disease tolerance, good grain quality, good standability and the ability to perform at a range of planting populations.

- Excellent foliar disease tolerance
- Excellent late season appearance and standability
- Adapted to most soil types and crop rotations
- Robust plant type that can provide a wide canopy and dual purpose potential

VT DoublePRO®
RIB COMPLETE™



CROP PLANNING

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____

Field Name: _____

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Management Considerations: _____

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Field Name: _____

Hybrid: _____

Population: _____

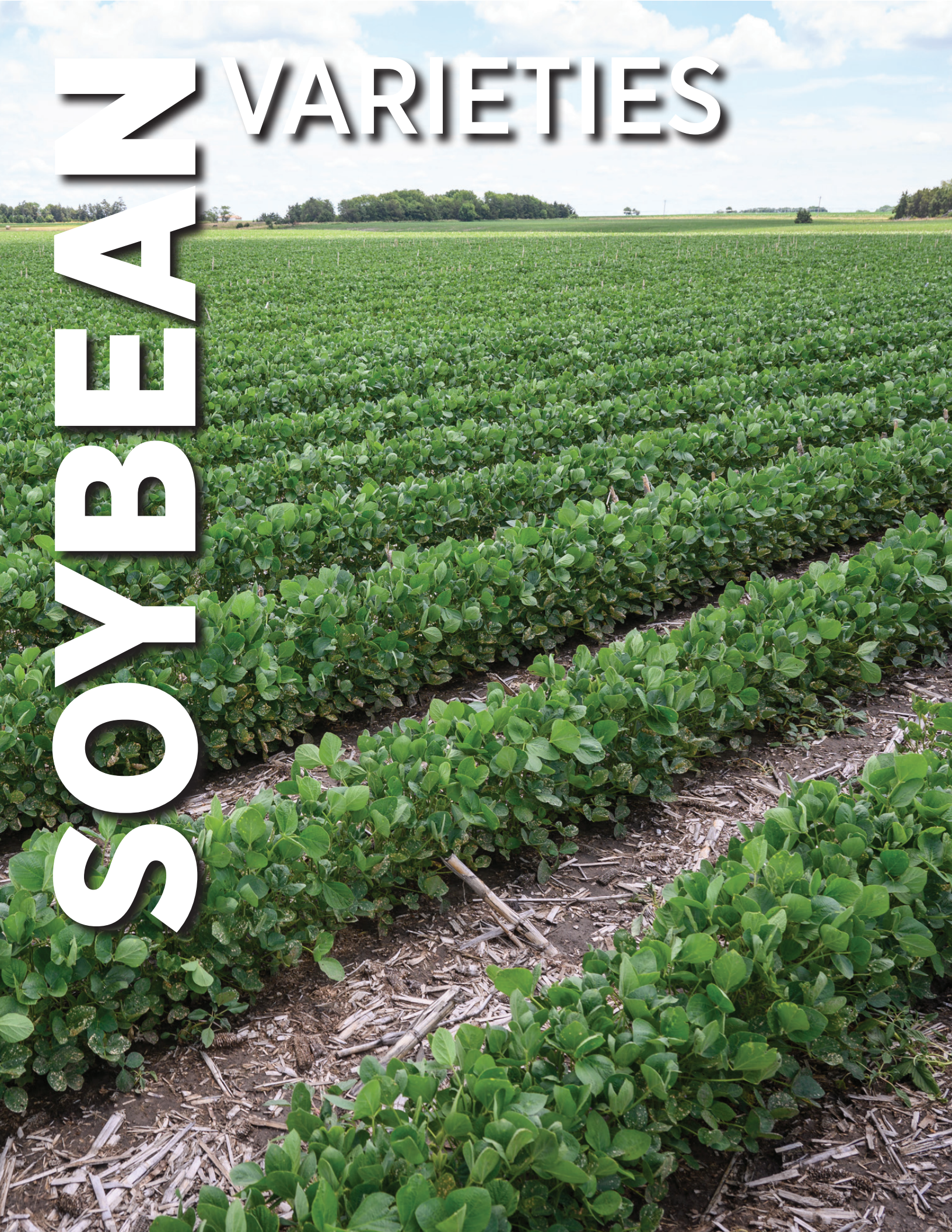
Management Considerations: _____

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____



SOYBEAN VARIETIES

ASGROW BEAN PRODUCTS

NEW AG24XF3

A mild maturity group 2 XtendFlex soybean with good standability, SCN and Phytophthora resistance, and outstanding yield potential.

- Medium-tall plant with good emergence and standability
- Stacked genes for outstanding Phytophthora rot resistance
- Resistance to soybean cyst nematode
- Good tolerance to sudden death syndrome



HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

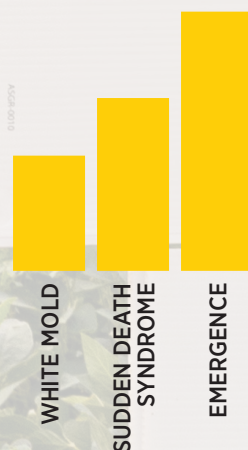
MEDIUM-BUSHY



AG27XF3

A 2.7 RM XtendFlex® soybean. AG27XF3 offers a combination of excellent yield potential and important agronomic and defensive traits.

- Medium tall to tall plant with average standability
- Resistance to soybean cyst nematode
- Phytophthora rot resistance
- Below average tolerance to SDS may require management when disease is a potential threat



HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY



NEW AG30XF4

A widely adapted early MG 3 XtendFlex® soybean with excellent yield potential. Has tolerance to important soybean diseases including Phytophthora rot and SDS.

- Medium tall plant with excellent standability
- Resistance to soybean cyst nematode
- Very good field tolerance to Phytophthora rot
- Good tolerance to white mold and brown stem rot threat



HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY



AG32XF2

An XtendFlex soybean with 3.2 relative maturity. This product offers good standability and disease tolerance against important soybean diseases found throughout maturity group 3 growing regions.

- Medium tall plant with good emergence and standability
- Resistance to soybean cyst nematode
- Phytophthora resistance from the Rps1c gene
- Good tolerance to brown stem rot



HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY

XTENDFLEX
SOYBEANS

AG34XF3

A mid group 3 XtendFlex® soybean with high yield potential and defensive traits for protection against soybean cyst nematode, Phytophthora and sudden death syndrome.

- SCN resistance
- Phytophthora resistance from the Rps1c gene and good field tolerance
- Tolerance to SDS and southern stem canker
- Lodging potential on productive soils
- Chloride excluder



HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY

XTENDFLEX
SOYBEANS

AG35XF1

A mid maturity group 3 XtendFlex® soybean with excellent yield potential. This widely adapted product has agronomic and disease tolerance traits to maximize productivity, including resistance to soybean cyst nematode, Phytophthora rot, and southern stem canker.

- Medium height plant with good standability
- Resistance to SCN and Phytophthora root rot
- Excellent tolerance to both southern stem canker and brown stem rot
- SDS tolerance
- Good tolerance to white mold and brown stem rot threat



HEIGHT CATEGORY

MEDIUM

CANOPY CATEGORY

MEDIUM-BUSHY

XTENDFLEX
SOYBEANS

AG37XF1



A 3.7 RM XtendFlex® soybean with high yield potential, broad adaptability, and an excellent set of disease protection traits, including resistance to soybean cyst nematode, Phytophthora root rot, and SDS.

- Medium tall plant with good emergence and standability
- Resistance to SCN and Phytophthora root rot
- Good tolerance to sudden death syndrome
- Tolerance to southern stem canker

HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY

X TENDFLEX
SOYBEANS



CPI
Growing Partnerships Through Agriculture

XITAVO BEAN PRODUCTS

XO 2501E




- Strong top-end yield potential
- Suited for medium to highly productive acres
- Avoid placement on drought prone soils.
- Best-in-class tolerance to high pH soils.

HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

BUSHY



XO 2832E



- One of the strongest performing varieties in the Xitavo lineup.
- Best placement in medium-highly productive acres
- Good choice for no-till, early planting and high pH soils.

HEIGHT CATEGORY

MEDIUM-AVERAGE

CANOPY CATEGORY

MEDIUM





DISTRIBUTED BY

BASF CORPORATION

XO 3131E



- One of the best go-to early 3 RM beans.
- It's strenght is versatility and consistency across broad acres.
- Great choice for early planting, no-till, heavy/wet fields.
- Excellent choice for the dryland acre.

HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY



XO 3341E



- Excellent choice across multiple yield environments
- Works well on low-high yield environments.
- Excellent choice for the high pH acre and sandy soils.
- Strong performance on tougher acre and hills where height and canopy are desired.

HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

MEDIUM-BUSHY



NEW

XO 3014E



- Excels across all yield environments, but better performance on the higher productive acre.
- Keep off the moisture stressed acre.
- Good choice for high pH acre.

HEIGHT CATEGORY

MEDIUM-TALL

CANOPY CATEGORY

SEMI-BUSH



NEW

XO 3224E



- Very stable, consistent performance across all yield environments, leaning more towards the more productive acre.
- Excellent choice for no-till, early planting, heavy/wet acre.

HEIGHT CATEGORY

MEDIUM-AVERAGE

CANOPY CATEGORY

BUSHY



CROP PLANNING

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____

Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____

Field Name: _____

Hybrid: _____

Population: _____

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Field Name: _____

Hybrid: _____

Population: _____

Management Considerations: _____



Cooperative Producers, Inc.

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402.469.5148
www.cpicoop.com

GRAIN | AGRONOMY | ENERGY | FEED