

## MINN-DAK FARMERS COOP 2025 PRODUCT GUIDE

# NEXT-GEN BREEDING FOR NEXT-GEN CONFIDENCE

# WE'VE GOT BREEDING CONFIDENCE DOWN TO A SCIENCE

At Betaseed, we're using advances in science to optimize the potential of every seed you plant. Our state-of-the-art breeding and testing process takes up to ten years. It's the only way to ensure the hybrid your Betaseed rep recommends has the best traits to manage disease and drive yields on your farm.

## A DECADE OF RESEARCH AND DEVELOPMENT

YEARS 1-3 NEW LINE CREATION

YEARS 4-6 EARLY-GENERATION TRIALS



HAND CROSS Development of a parent with genetics for increased productivity.



SELFINGS The first step in seed multiplication.



**PARTITIONS** Production of test hybrids for early-generation decisions.



**EXPERIMENTAL HYBRIDS** Production of potential candidates for official variety trials (OVT). **PRE-BASIC** A genetically pure increase of selected parent/breeder seed.

## THE RIGHT TREATMENTS

Our sugarbeet seeds are specially treated to give them an extra layer of protection from seedling pests and diseases. In addition, the right treatment provides a wider window of opportunity for pesticide applications. Betaseed offers you unique solutions tailored specifically for your region.

### MINN-DAK REGION SEED TREATMENTS



BetaShield<sup>®</sup> Allegiand COMPLETE Systiva, Poncho BETAS

**BetaShield**<sup>®</sup>

Allegiance Thiram Systiva

#### YEAR 7 HYBRID PRODUCTION

YEARS 8-10 OVT TESTING

YEAR 10



**BASIC SEED** Seed planted to grow parents for commercial varieties.



**COMMERCIAL SEED** Seed grown, processed and OVT tested to meet customer demand.



SEED DELIVERY You plant the right variety for your farm with confidence.

## **VARIETIES FOR 2025**

The hybrids in this guide were developed with research-driven solutions combined with our local breeding expertise to produce the industry's highest performing, most consistent seeds. Each variety was painstakingly researched, bred and tested over multiple seasons to make sure it has what it takes to thrive on your farm.

SUG/

| CR+ |          |              |
|-----|----------|--------------|
| Low | Moderate | High         |
|     |          |              |
| ES  |          |              |
|     |          |              |
|     |          |              |
| A   |          |              |
| 1   |          |              |
| _   |          |              |
|     |          |              |
|     |          | Low Moderate |

High tonnage beet with good sugar potential.

Excellent disease package for Aphanomyces and Rhizoctonia.

Varieties noted as new are pending approval, please check with your sugar cooperative for updated information.

| 7170           | CR+  |          |      |
|----------------|------|----------|------|
|                | Low  | Moderate | High |
| RHIZOMANIA     |      |          |      |
| APHANOMYCE     | S    |          |      |
| FUSARIUM       |      |          |      |
| ROOT APHID     |      |          |      |
| CERCOSPORA     |      |          |      |
| RHIZOCTONIA    |      |          |      |
| SUGAR          |      |          |      |
| TONS           |      |          |      |
| High RSA varie | ety. |          |      |

Excellent protection against Aphanomyces and Rhizoctonia.

| 7231             | CR+ |   |          |      |
|------------------|-----|---|----------|------|
|                  | Low | , | Moderate | High |
| RHIZOMANIA       |     |   |          |      |
| APHANOMYCI       | ES  |   |          |      |
| FUSARIUM         |     |   |          |      |
| ROOT APHID       |     |   |          |      |
| CERCOSPORA       | ۱.  |   |          |      |
| RHIZOCTONIA      |     |   |          |      |
| SUGAR            |     |   |          |      |
| TONS             |     |   |          |      |
| A REAL PROPERTY. |     |   |          |      |

Very High RST with above average RSA. Excellent Aphanomyces tolerance.

| 7344            | CR+    | NEW                       |      | 2    |
|-----------------|--------|---------------------------|------|------|
| 4               | Low    | Moderate                  | High | 1    |
| RHIZOMANIA      |        |                           |      | 1    |
| APHANOMYCE      | S      | 2.0000                    |      | AN.  |
| FUSARIUM        |        |                           |      | of y |
| ROOT APHID      |        |                           |      | 1    |
| CERCOSPORA      | 1      |                           |      |      |
| RHIZOCTONIA     |        |                           |      | -    |
| SUGAR           |        | Contraction (Contraction) |      |      |
| TONS            |        |                           |      |      |
| 2nd year of tes | sting. |                           |      | 20   |

Higher sugar type with excellent overall disease package.

|    | 7397           | CR+    |   | NEW              |      |
|----|----------------|--------|---|------------------|------|
|    |                | Low    |   | Moderate         | High |
| Y  | RHIZOMANIA     |        | _ |                  |      |
| 0  | APHANOMYCI     | ES     |   |                  |      |
| 7  | FUSARIUM       |        |   |                  |      |
| d, | ROOT APHID     |        |   | NO CONTRACTOR OF |      |
|    | CERCOSPOR      | Ą      |   |                  |      |
| è  | RHIZOCTONIA    | 1      |   |                  |      |
| P  | SUGAR          |        |   |                  |      |
|    | TONS           |        |   |                  |      |
|    | 2nd year of te | sting. |   |                  |      |

Good RST and with high yield potential. Moderate Rhizoctonia and Aphanomyces with stronger Fusarium.

## MEET THE TEAM THAT'S BREEDING CONFIDENCE IN YOUR REGION



### **GROWING AREAS**

- 1 IMPERIAL VALLEY
- 2 AMALGAMATED
- 3 LANTIC, INC.
- **4** WESTERN SUGAR NORTH
- **5** WYOMING SUGAR

- 6 WESTERN SUGAR SOUTH
- 7 AMERICAN CRYSTAL SUGAR
- 8 MINN-DAK FARMERS COOP
- 9 SOUTHERN MN BEET SUGAR COOP
- **10 MICHIGAN SUGAR**

#### **REGIONAL BREEDERS**



Thomas Koeps



Tiffany McKay-Williams



Pat O'Boyle



Independent Sales Agents

#### 2 AMALGAMATED





Jim Chapman Vaughn Casdorph Bo Isham

very high sugar content.

CALCULATION OF THE OWNER

#### 1 IMPERIAL VALLEY

Joe Freiburger Regional Sales Manager

Our breeders are focused on developing high performing varieties with good bolting

Joe Freiburger Regional Sales Man<u>ager</u>

Dave Bergh Sales Representative

Aaron Bates Wendell Robinson

Our breeders are dedicated to developing a portfolio of high performing varieties with 3 LANTIC, INC. 8 MINN-DAK FARMERS COOP 9 SOUTHERN MN BEET SUGAR COOP



Cody Lehman Key Account Manager

Our breeders are developing varieties that provide balanced disease tolerance and top performance.

### 4 WESTERN SUGAR NORTH 5 WYOMING SUGAR



Steve Skaalure ales Manager

Dan Madden Mike Hjelvik Dale Icopini

Scott Reisig Peter Kukowski

nematode tolerant varieties along with new tolerance to diseases and pests.

#### 6 WESTERN SUGAR SOUTH

**Ryan Reuter** Sales Manager

Kent Mauser David Blach Ronald Blach Mike Burdette Aaron Worley

Ed Croissant Dan Melcher Mark Spaur Brian Specht Carl Lux

Our breeders are committed to providing disease tolerant varieties specific to the region.

#### 7 AMERICAN CRYSTAL



Lynn Dusek Regional Sales Manager



John Samdahl Sales Manager



Sydnie Shepherd Sales Associate



Jordan Sagert

Steven Taves Sales Associate

Scott Edgar Lance Woinarowicz **Tim Leshuk** 

Dave Svobodny Ben Askegaard Curtis Funk Dan Ness

Our breeders have created a portfolio of hybrids farms for your region.

### 10 MICHIGAN SUGAR



**Brian Groulx** Sales Manager

Independent Sales Agents Dennis Bischer Rick Gerstenberge Jim Roggenbuck

Bryan Bauer Todd Stoneman Rob McKerrall

Our breeders are committed to developing disease tolerant and high performing varieties for Michigan growers.



## CONTACT YOUR BETASEED REP to learn more about varieties available for your farm



**Cody Lehman** Key Account Manager 701-361-1703



SCAN QR CODE TO GET MORE INFORMATION ABOUT BETASEED



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