



American
Crystal
Sugar
Company

AGNOTES

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www.crystalsugar.com

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2026 Variety & Production Considerations 2025 Crop Summary

Official Variety Trials

The [American Crystal 2025 Official Variety Trial \(OVT\) data](#) for varieties approved for crop year 2026 has been published and is available on crystalsugar.com. See link above. The OVT staff do a tremendous job in providing world class varietal trials for analysis and variety approval for continuous improvement in American Crystal's sugarbeet crop production!

Many growers have already purchased seed for the 2026 sugarbeet crop. Now is a good time to review the OVT data and be sure that the varieties you've selected offer the appropriate characteristics of disease tolerance, yield, and sugar quality for placement in each unique field on your farm.

OVT trial data can be downloaded in a [PDF](#) document or an Excel file to create your own data sorting. Both have the same data sorted in 8 different ways. Color coded disease tolerance ratings can help you distinguish between the different degrees of tolerance.

OVT variety data is pre-sorted in the [2025 Variety Selector](#) in the following ways each on a separate page:

- Seed Company
- Rev/Ton
- Rev/Acre
- Cercospora Tolerance Rating
- Aphanomyces Tolerance Rating
- Rhizoctonia Tolerance Rating
- Fusarium Tolerance Rating
- Emergence Percent

There are also location specific varietal disease tolerance ratings in the [2025 Grower Packet](#) for: Cercospora, Aphanomyces, Rhizoctonia, and Fusarium. This can help in examining regional disease population pressures to current available varieties.

For example: Cercospora disease trials at Averill, Caledonia, and Stephen were Non-inoculated (naturally infected) and not treated with fungicides to evaluate varietal tolerance performance across American Crystal growing regions.

Considerations on Variety Placement

- Past variety performance on your farm.
- Known disease presence in fields.
 - Links to general township disease presence observations & management recs:
 - [Aphanomyces](#)
 - [Rhizoctonia](#)
 - [Fusarium](#)
- Historical production characteristics by field.
 - Below average sugar and/or above average tons:
 - Consider a higher sugar variety to optimize recoverable sugar/acre.
 - Above average sugar and/or below average tons:
 - Consider a higher yielding variety to optimize recoverable sugar/acre.
- Pre-piling from designated fields, headlands, or splits:
 - Use high sugar varieties to help maximize your Pre-pile Premium
- Field distance from piling site/factory:
 - If long distance, consider higher sugar, moderate tonnage varieties to lower transportation costs.

Production Considerations in 2026

We look forward with optimism to next year's crop potential. With that there are production challenges to prepare for. Each topic heading below is a link to its subject material on the Crystal website.

As always, check with your suppliers to make sure you have access to crop production products needed for your 2026 sugarbeet crop production.

Stand Establishment

Cover crops should be used to protect seedling sugarbeets and limit erosion from strong spring wind events.

Weed Control

All areas of the Red River Valley need to have a plan to control glyphosate resistant weeds. Particularly waterhemp, kochia, and common ragweed.

Waterhemp: A layered approach of soil applied herbicides is needed, that includes a PPI/PRE herbicide application along with 2 POST Lay-by herbicide applications.

Kochia: Requires the use of PPI/PRE applied ethofumesate. Possible burn-down application of paraquat for emerged kochia prior to sugarbeet emergence. For Post applications, scout and time Spin Aid treatments on small "puff ball", dime-sized kochia.

Common Ragweed: Treat when it's small, <2", with Stinger/Stinger HL and repeat with subsequent application.

Sugarbeet Root Maggot (SBRM)

The best treatment for SBRM control is using:

- **Counter** insecticide At-Plant followed by POST insecticide applications.
- Multiple POST insecticide applications may be needed for optimal control to reduce the egg-laying fly populations.
- **Thimet** granular POST offers great SBRM control.
- Use a **state registered Chlorpyrifos product (Pilot 4E), Mustang Maxx, or Asana** as POST liquid insecticides.

Cercospora Leafspot (CLS)

The American Crystal Official Variety Trials use the **ACSC recommended CLS fungicide program**.

The recommended Cercospora fungicide program is the same for both CR+ and Non-CR+ varieties.

CLS pressure in 2025 was severe. The proper timing of initial & subsequent CLS fungicide applications is critical to proactively keep Cercospora in-check & keep leaves working to maximize crop quality & yield.

A higher prevalence of CLS infection was easily observed in fields that had later initial fungicide applications and/or extensively delayed subsequent fungicide applications compared to those fields with earlier initial and properly timed subsequent applications.

- A timely initial fungicide application is needed to delay the on-set of Cercospora infections thereby reducing end-of-season severity levels.
 - Target the initial fungicide application at just prior to row closure.
- Tank-mix and rotate fungicide modes of action for resistance management and maintain proper fungicide application intervals.
- Planting varieties with good CLS ratings for your area can make a big difference in infection levels. However, this may not equate to fewer fungicide applications.

2026 Winter Meeting Schedule

Sugarbeet Research and Reporting Session

January 13th @ Hilton Garden Inn, Fargo, ND

International Sugarbeet & Dry Bean Expo

January 21st & 22nd @ the Alerus Center Grand Forks, ND

Sugarbeet Grower Seminars

Grand Forks:

8:30 am Feb. 3rd @ Alerus Center in Grand Forks

Grafton:

8:30 am Feb. 10th @ Grafton Armory

Fargo:

8:30 am Feb 17th @ Double Tree by Hilton
825 E Beaton Drive, West Fargo



Contact Your Agriculturist

Contact your American Crystal Agriculturist for the most up-to-date information on issues affecting sugarbeets in your area.



2025 Crop Summary

Station	Yield	Sugar %	SLM %	Rec Sugar/Ton	Rec Sugar/Acre
MOORHEAD YARD	32.6	17.57	1.16	328	10,693
HITTERDAL	33.2	18.17	1.18	340	11,288
LYNCHBURG	31.6	17.45	1.19	325	10,270
KINDRED	30.4	16.82	1.19	313	9,515
AMENIA	33.9	17.57	1.20	327	11,085
PERLEY	35.4	18.11	1.15	339	12,001
FELTON	30.8	17.81	1.19	332	10,226
SABIN	30.4	16.14	1.22	298	9,059
GLYNDON	29.6	16.99	1.19	316	9,354
MOORHEAD DISTRICT	32.3	17.65	1.18	329	10,627
HILLSBORO YARD	33.4	17.98	1.20	336	11,222
WAUKON	34.8	18.27	1.14	343	11,936
ADA WEST	34.2	18.05	1.13	338	11,560
ADA NORTH	35.8	18.55	1.13	348	12,458
MIDWAY	33.9	18.29	1.18	342	11,594
REYNOLDS	35.1	17.69	1.17	330	11,583
HILLSBORO DISTRICT	34.5	18.10	1.17	339	11,696
CROOKSTON YARD	35.3	18.05	1.15	338	11,931
NIELSVILLE	34.7	17.94	1.18	335	11,625
ELDRED	34.5	18.03	1.15	338	11,661
SCANDIA	37.2	18.24	1.18	341	12,685
WARREN	34.9	18.40	1.16	345	12,041
O'MEARA	34.1	18.16	1.16	340	11,594
CROOKSTON DISTRICT	35.9	18.07	1.14	339	12,170
EGF YARD	34.2	17.99	1.15	337	11,525
ARDOCH	34.7	17.84	1.18	333	11,555
VOSS	37.5	17.61	1.16	329	12,338
OSLO	33.5	18.08	1.17	338	11,323
ARGYLE	31.3	18.31	1.16	343	10,736
ALVARADO	35.3	18.16	1.10	341	12,037
EGF DISTRICT	34.0	18.04	1.16	338	11,492
DRAYTON YARD	31.3	18.23	1.17	341	10,673
MARTHUR	33.6	18.31	1.12	344	11,558
BATHGATE	35.3	17.74	1.10	333	11,755
HAMILTON	34.7	18.03	1.12	338	11,729
GRAFTON	35.5	17.66	1.15	330	11,715
HUMBOLDT	31.3	18.56	1.15	348	10,892
STEPHEN	32.5	18.71	1.15	351	11,408
ST.THOMAS	34.2	17.90	1.15	335	11,457
KENNEDY	27.8	18.25	1.19	341	9,480
DRAYTON DISTRICT	32.6	18.09	1.15	339	11,051
RED RIVER VALLEY	33.7	18.02	1.16	337	11,357



Fertility
Variety Selection
Harvest
Stand Establishment

Weed Control
Disease Control
Insect Control



SCAN THE QR CODE OR VISIT: WWW.CRYSTALSUGAR.COM/AGRONOMY/AG-GOLD-STANDARDS