
MICHIGAN SUGARBEET
REACh
Research & Education Advisory Council
2025
Variety
Trial
Results

MICHIGAN SUGARBEET REACh
Research Education Advisory Council

MISSION STATEMENT:

The mission of the ***Michigan Sugarbeet Research Education Advisory Council*** is to be the central trusted source of agronomic information for the sugarbeet industry.

The council will provide direction for the Michigan-Ontario sugarbeet researchers and assemble and distribute research/agronomy information.

Cooperative educational efforts will be conducted with the goal of improving productivity and profitability for all stakeholders.

RESEARCH SPECIALISTS:

MICHIGAN SUGAR COMPANY

Corey Guza
Ph.D., General Agronomist
989.415.3419
corey.guza@michigansugar.com

Nathan McNary
Research Manager
810.417.3785
nathan.mcnary@michigansugar.com

Zachary Young
Research Scientist
989.439.5245
zachary.young@michigansugar.com

Joe Hodder
Research Supervisor
989.450.6779
joe.hodder@michigansugar.com

MICHIGAN STATE UNIVERSITY

Dave Wishowski
SBA Director
989.513.4586
wishowsk@msu.edu

Kyle Rolfe
Research Technician
989.798.3400
rolfekyl@msu.edu

2025 Variety Trial Results

Table of Contents

PIONEER • BIG CHIEF
MICHIGAN SUGAR

Abbreviation Key

Abbreviation	Definition
$/A	Dollar Per Acre
Aph.	Aphanomyces
Cerc.	Cercospora
CJP	Clear Juice Purity
Fus.	Fusarium
MSC	Michigan Sugar Company
OVT	Official Variety Trial
PTS	Plant to Stand
Rhizoc.	Rhizoctonia
Rhizom.	Rhizomania
RWSA	Recoverable White Sugar Per Acre
RWST	Recoverable White Sugar Per Ton
T/A	Tons Per Acre
SBA	Sugarbeet Advancement
SVREC	Saginaw Valley Research & Extension Center

Corporate Office
122 Uptown Drive, Suite 300
Bay City, Michigan 48708
Telephone (989) 686-0161 - Fax (989) 671-3714

PIONEER • BIG CHIEF
MICHIGAN SUGAR

Approved Seed Varieties

for the 2026 Crop

Fully Approved Varieties		
Unlimited Quantities		
BTS-1183	C-G227	HIL-2361
BTS-123N	C-G229	HIL-2425NT
BTS-1276	C-G233	HIL-2471NT
BTS-1330	HIL-2332NT	SX-2296N
BTS-1122**	SX-2295*	
C-G214NT**	HIL-9865*	

*Last year to plant 2026

**Last year to plant 2027

Limited Approval Varieties		
Quantities limited to 10% of acres		
C-G400	C-G487NT	BTS-147N
C-G473	C-G448	BTS-142N

Special Approval Varieties		
Variety	**Specialty**	**Quantity**
C-G206NT*	Cerc., Nematode, Root Disease	20%**
BTS-128N*	Cerc., Nematode, Root Disease	20%**
HIL-2511NT*	Cerc.	5%**
HIL-2512NT*	Cerc.	5%**

*Approved to plant through 2027

**Amounts for 2026 growing season only

PIONEER • BIG CHIEF
MICHIGAN SUGAR

Two-year OVT Data with Traits

2024 & 2025 Data

G = Good, **F** = Fair, **P** = Poor

Variety	Approval Status	$/A**	Values are % of Check except for Root Aphid (% Infected)																	
			RWST	RWSA	T/A	Emergence		Cerc.		Rhizoc.		Root Aphid		Aph.		Fus.		Rhizom.***	
BTS-147N	Limited Approval	$1,753	102.8	102.0	98.9	98.7	G	92.2	F	101.0		0.5	G	79.4	G	72.2	G	93.4	G
C-G229*	Fully Approved	$1,747	102.1	104.0	101.3	98.6	G	79.3	G	100.8	F	4.8	G	93.5	F	66.9	G	103.8	F
C-G400	Limited Approval	$1,743	102.0	104.5	102.2	105.9	G	86.2	F	103.6	F	1.9	G	104.4	P	71.2	G	93.8	G
BTS-142N	Limited Approval	$1,698	104.6	97.5	93.2	99.1	G	84.5	F	100.6	F	2.2	G	98.4	F	81.0	F	107.8	F
BTS-1330	Fully Approved	$1,693	101.1	103.4	102.1	102.7	G	88.9	F	100.2	F	2.5	G	85.9	G	58.9	G	99.8	G
C-G473	Limited Approval	$1,667	100.8	101.9	100.8	107.8	G	86.4	F	102.6	F	1.5	G	96.4	F	52.5	G	98.6	G
C-G448	Limited Approval	$1,641	99.4	103.8	104.3	106.7	G	101.5	P	111.9	P	1.5	G	108.9	P	65.6	G	87.3	G
HIL-2332NT*	Fully Approved	$1,617	101.6	97.9	96.1	102.1	G	111.1	P	100.4	F	1.2	G	115.9	P	137.6	P	97.4	G
SX-2296N*	Fully Approved	$1,591	100.1	99.2	99.1	100.2	G	107.7	P	97.2	G	3.9	G	107.2	P	122.3	P	99.4	G
BTS-123N	Fully Approved	$1,578	97.7	101.7	103.3	103.8	G	78.2	G	94.3	G	1.3	G	88.5	G	69.1	G	91.3	G
C-G487NT	Limited Approval	$1,567	101.8	95.3	93.5	97.2	F	87.7	F	101.8	F	0.8	G	125.3	P	84.4	F	98.6	G
BTS-128N	Specialty Approved	$1,554	96.4	104.1	107.5	110.7	G	90.2	F	92.5	G	0.8	G	83.5	G	66.6	G	89.7	G
HIL-2361	Fully Approved	$1,546	99.9	95.5	95.1	93.0	F	96.1	F	104.3	F	1.8	G	129.0	P	127.2	P	128.8	F
C-G233	Fully Approved	$1,544	97.1	101.4	103.8	99.8	G	97.3	F	113.4	P	1.7	G	106.7	P	58.5	G	90.5	G
C-G227	Fully Approved	$1,529	97.6	100.7	103.3	95.2	F	102.2	P	111.5	P	3.0	G	92.0	F	70.5	G	103.4	F
C-G206NT	Specialty Approved	$1,512	96.4	101.8	105.1	104.1	G	81.8	G	97.0	G	1.0	G	84.4	G	72.9	G	87.3	G
BTS-1183*	Fully Approved	$1,442	96.2	98.1	103.6	99.0	G	101.8	P	101.6	F	2.0	G	83.4	G	73.2	G	99.4	G
BTS-1276	Fully Approved	$1,410	98.4	93.3	95.5	94.5	F	70.9	G	102.6	F	3.8	G	109.6	P	58.8	G	96.6	G
HIL-2425NT	Fully Approved	$1,348	97.5	87.6	89.8	86.1	P	75.9	G	106.9	P	0.8	G	100.0	F	164.3	P	100.6	F
HIL-2471NT	Fully Approved	$1,335	96.9	88.8	91.3	77.6	P	76.8	G	101.8	F	2.0	G	147.8	P	174.6	P	101.8	F

*Check Variety

**$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

***Rhizomania Nursery data is from 2024 only.

A lower value is better for Cercospora, Rhizoctonia, Root Aphid, Aphanomyces, Fusarium, and Rhizomania.

Results are combined across two years and include eight locations in 2024 and three locations in 2025.

Rhizoctonia Choices

Varieties for 2026 - Average of 2024 & 2025

Variety	% of Check				Comments
	Rhizoc.	RWST	RWSA	Cerc.	
C-G448	87.3	99.4	103.8	101.5	New Limited Approval Variety. Average RWST and above-average RWSA.
C-G206NT	87.3	96.4	101.8	81.8	Specialty Approved Nematode-tolerant Variety. Below average RWST and above-average RWSA. Good root disease traits. Good Cercospora tolerance.
BTS-123N	89.7	96.4	104.1	90.2	Fully Approved Nematode-tolerant Variety. Below average RWST and slightly above-average RWSA. Good overall disease traits.
C-G233	90.5	97.1	101.4	97.3	Fully Approved Variety. Below average RWST and average RWSA. Slight weakness to Cercospora.
BTS-123N	91.3	97.7	101.7	78.2	Fully Approved Nematode-tolerant Variety. Below average RWST and slightly above-average RWSA. Good overall disease traits.
BTS-147N	93.4	102.8	102.0	92.2	New Limited Approval Nematode-tolerant Variety. Above-average RWST and RWSA.
C-G400	93.8	102.0	104.5	86.2	New Limited Approval Variety. Above-average RWST and RWSA.
BTS-1276	96.6	98.4	93.3	70.9	Fully Approved Variety. Average RWST and below average RWSA. Good Cercospora tolerance.
HIL-2332NT	97.4	101.6	97.9	111.1	Fully Approved Nematode-tolerant Variety. Slightly above-average RWST and slightly below average RWSA. Susceptible to Cercospora.
C-G473	98.6	100.8	101.9	86.4	New Limited Approval Variety. Average RWST and RWSA.
C-G487NT	98.6	101.8	95.3	87.7	New Limited Approval Nematode-tolerant Variety. Average RWST and below average RWSA.
SX-2296N	99.4	100.1	99.2	107.7	Fully Approved Variety. Average RWST and RWSA. Susceptible to Cercospora.
BTS-1183	99.4	96.2	98.1	101.8	Fully Approved Variety. Slightly below average RWST and average RWSA. Good root disease traits.
BTS-1330	99.8	101.1	103.4	88.9	Fully Approved Variety. Slightly above-average RWST and above-average RWSA.

Note: Lower values are better for Rhizoctonia and Cercospora. Higher values are better for RWST and RWSA. Rhizoctonia ratings are from Rhizoctonia Nurseries.

Cercospora Choices

Varieties for 2026 - Average of 2024 & 2025

Variety	% of Check				Comments
	Cerc.	RWST	RWSA	Rhizoc.	
BTS-1276	70.9	98.4	93.3	96.6	Fully Approved Variety. Average RWST and below average RWSA. Good Cercospora tolerance.
HIL-2425NT	75.9	97.5	87.6	100.6	Fully Approved Nematode-tolerant Variety. Below average RWST and RWSA. Good Cercospora tolerance.
HIL-2471NT	76.8	96.9	88.8	101.8	Fully Approved Nematode-tolerant Variety. Below average RWST and RWSA. Good Cercospora tolerance.
BTS-123N	78.2	97.7	101.7	91.3	Fully Approved Nematode-tolerant Variety. Below average RWST and slightly above-average RWSA. Good overall disease traits.
C-G229	79.3	102.1	104.0	103.8	Fully Approved Variety. Above-average RWST and RWSA. Good Cercospora tolerance.
C-G206NT	81.8	96.4	101.8	87.3	Specialty Approved Nematode-tolerant Variety. Below average RWST and above-average RWSA. Good root disease traits. Good Cercospora tolerance.

Note: Lower values are better for Rhizoctonia and Cercospora. Higher values are better for RWST and RWSA.

PIONEER • BIG CHIEF
MICHIGAN SUGAR

High Quality Choices

Varieties for 2026 - Average of 2024 & 2025

Variety	% of Check				Comments
	RWST	RWSA	Rhizoc.	Cerc.	
BTS-142N	104.6	97.5	107.8	84.5	New Limited Approval Nematode-tolerant Variety. Above-average RWST and RWSA.
BTS-147N	102.8	102.0	93.4	92.2	New Limited Approval Nematode-tolerant Variety. Above-average RWST and RWSA.
C-G229	102.1	104.0	103.8	79.3	Fully Approved Variety. Above-average RWST and RWSA. Good Cercospora tolerance.
C-G400	102.0	104.5	93.8	86.2	New Limited Approved Variety. Above-average RWST and RWSA.
C-G487NT	101.8	95.3	98.6	87.7	New Limited Approval Nematode-tolerant Variety. Average RWST and below average RWSA.
HIL-2332NT	101.6	97.9	97.4	111.1	Fully Approved Nematode-tolerant Variety. Slightly above-average RWST and slightly below average RWSA. Susceptible to Cercospora.
BTS-1330	101.1	103.4	99.8	88.9	Fully Approved Variety. Slightly above-average RWST and above-average RWSA.
C-G473	100.8	101.9	98.6	86.4	New Limited Approval Variety. Average RWST and RWSA.
SX-2296N	100.1	99.2	99.4	107.7	Fully Approved Variety. Average RWST and RWSA. Susceptible to Cercospora.

Note: Lower values are better for Rhizoctonia and Cercospora. Higher values are better for RWST and RWSA.

Cyst Nematode Choices

Varieties for 2026 - Average of 2024 & 2025

Variety	All Values are % of Check				Comments
	RWST	RWSA	Rhizoc.	Cerc.	
BTS-142N	104.6	97.5	107.8	84.5	New Limited Approval Nematode-tolerant Variety. Above-average RWST and RWSA.
BTS-147N	102.8	102.0	93.4	92.2	New Limited Approval Nematode-tolerant Variety. Above-average RWST and RWSA.
C-G487NT	101.8	95.3	98.6	87.7	New Limited Approval Nematode-tolerant Variety. Average RWST and below average RWSA.
HIL-2332NT	101.6	97.9	97.4	111.1	Fully Approved Nematode-tolerant Variety. Slightly above-average RWST and slightly below average RWSA. Susceptible to Cercospora.
SX-2296N	100.1	99.2	99.4	107.7	Fully Approved Variety. Average RWST and RWSA. Susceptible to Cercospora.
BTS-123N	97.7	101.7	91.3	78.2	Fully Approved Nematode-tolerant Variety. Below average RWST and slightly above-average RWSA. Good overall disease traits.
HIL-2425NT	97.5	87.6	100.6	75.9	Fully Approved Nematode-tolerant Variety. Below average RWST and RWSA. Good Cercospora tolerance.
HIL-2471NT	96.9	88.8	101.8	76.8	Fully Approved Nematode-tolerant Variety. Below average RWST and RWSA. Good Cercospora tolerance.
BTS-128N	96.4	104.1	89.7	90.2	Specialty Approved Nematode-tolerant Variety. Below average RWST and above-average RWSA.
C-G206NT	96.4	101.8	87.3	81.8	Specialty Approved Nematode-tolerant Variety. Below average RWST and above-average RWSA. Good root disease traits. Good Cercospora tolerance.

Note: Lower values are better for Rhizoctonia and Cercospora. Higher values are better for RWST and RWSA.

Official Variety Trial

Average of Three Locations - 2025

Trial Quality: See trial pages
Plant/Harvest: See trial pages
Plots: 2 rows x 38 feet
Row Spacing: 22 inches
Seeding Rate: See trial pages

Locations: Gulick, Mininger SVREC

Cercospora Control: See trial pages
Rhizoctonia Control: See trial pages

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Emergence	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	%	Rank
BTS-147N	**$2,107**	**279**	**2**	**10044**	35.9	13	**16.7**	**3**	**94.9**	**1**	54.8	15
C-G400	**$2,037**	273	3	**10269**	**37.6**	**6**	16.5	4	**94.3**	**5**	**59.9**	**5**
C-G229	**$1,977**	270	6	**10078**	**37.3**	**11**	16.4	8	**94.3**	**6**	55.1	14
C-G473	**$1,968**	270	7	**10081**	**37.3**	**10**	16.5	6	**94.1**	**7**	**60.7**	**3**
BTS-142N	**$1,966**	**283**	**1**	9288	32.8	19	**17.1**	**1**	**94.3**	**4**	55.4	13
BTS-1330	$1,899	264	13	**10118**	**38.2**	**2**	16.4	9	93.3	16	**60.0**	**4**
HIL-2361	$1,893	270	8	9702	36.0	12	16.3	14	**94.5**	**2**	51.6	18
C-G448	$1,883	265	9	**9973**	**37.6**	**4**	16.3	13	93.7	9	**61.3**	**2**
BTS-123N	$1,877	264	11	**10063**	**38.1**	**3**	16.2	15	**94.0**	**8**	**61.7**	**1**
HIL-2332NT	$1,824	272	4	9255	34.1	16	**16.7**	**2**	93.7	10	52.9	17
C-G233	$1,805	261	14	**9825**	**37.6**	**5**	16.1	16	93.6	11	**58.7**	**8**
SX-2296N	$1,781	265	10	9462	35.9	14	16.4	12	93.5	13	56.3	11
BTS-128N	$1,778	258	17	**9903**	**38.4**	**1**	16.0	18	93.5	14	**59.3**	**7**
C-G487NT	$1,755	270	5	9021	33.4	17	16.4	11	**94.4**	**3**	53.2	16
C-G206NT	$1,751	260	15	9739	**37.6**	**7**	16.1	17	93.6	12	**59.6**	**6**
C-G227	$1,656	254	18	9518	**37.5**	**9**	15.8	19	93.4	15	56.0	12
HIL-2425NT	$1,641	264	12	8607	32.6	20	16.5	5	93.0	17	**57.4**	**10**
BTS-1183	$1,569	250	20	9358	**37.6**	**8**	15.7	20	92.9	18	**57.6**	**9**
HIL-2471NT	$1,564	260	16	8635	33.3	18	16.4	10	92.5	19	51.5	19
BTS-1276	$1,542	253	19	8966	35.4	15	16.4	7	91.6	20	49.8	20
Average	$1,814	265		9595	36.2		16.3		93.7		56.6	
LSD 5%	$188	9.4		491	1.4		0.4		0.9		4.3	
CV %	$10	3.6		5	4.0		2.8		1.0		7.7	

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Plant to Stand
Average of Five Locations - 2025

Trial Quality: See trial pages
Plant/Harvest: See trial pages
Plots: 6 rows x 38 feet
Row Spacing: 22 inches
Seeding Rate: 4.1 inches

Locations: Gulick, Lynch, Maurer
Mininger, Trost

Cercospora Control:
See trial pages
Rhizoctonia Control:
See trial pages

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Beets/100 feet**	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	Actual	Rank
BTS-1330	**$2,033**	**278**	1	**9899**	**35.2**	**6**	**16.9**	**1**	94.1	7	**188.3**	**4**
C-G229	**$1,940**	**274**	3	**9695**	**35.1**	**7**	**16.6**	**4**	94.4	3	174.7	11
BTS-128N	**$1,932**	268	10	**9982**	**36.9**	**1**	16.4	9	93.9	13	**193.4**	**3**
BTS-123N	**$1,875**	**270**	**8**	**9633**	**35.4**	**4**	**16.5**	**7**	93.9	12	**188.0**	**5**
BTS-1276	**$1,874**	**273**	**4**	**9479**	**34.6**	**9**	**16.6**	**2**	94.2	6	163.1	14
C-G206NT	**$1,851**	268	9	**9645**	**35.9**	**2**	16.2	14	94.7	2	183.8	7
HIL-2332NT	**$1,821**	**275**	**2**	9111	33.0	10	**16.5**	**8**	94.8	1	178.1	10
C-G227	**$1,817**	267	11	**9489**	**35.3**	**5**	16.3	10	94.0	11	**186.4**	**6**
BTS-1183	$1,800	265	14	**9524**	**35.7**	**3**	16.3	11	93.8	14	179.0	9
C-G233	$1,783	267	13	**9305**	**34.6**	**8**	16.3	12	94.1	9	**196.2**	**1**
SX-2296N	$1,690	**273**	**5**	8412	30.5	14	**16.6**	**5**	94.3	4	181.0	8
HIL-2471NT	$1,680	**272**	**6**	8596	31.7	11	**16.6**	**3**	94.0	10	168.7	13
HIL-2425NT	$1,672	**272**	**7**	8474	30.9	12	**16.6**	**6**	94.1	8	**194.4**	**2**
HIL-2361	$1,595	267	12	8307	30.8	13	16.2	13	94.2	5	169.2	12
Average	$1,811.8	270.6		9253.6	34.0		16.5		94.2		181.7	
LSD 5%	221.8	8.4		764.5	2.4		0.4		n.s.		11.6	
CV%	9.7	2.5		6.5	5.5		1.8		0.8		4.5	

Bold: Results are not statistically different from the top ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

**Beets/100 feet average is from Gulick, Lynch, Maurer, and Mininger only.

Official Variety Trial

Defoliation Average of Two Years - 2024 & 2025

Trial Quality: See trial pages
Plant/Harvest: See trial pages
Plots: 2 rows x 38 feet
Row Spacing: 22 inches
Seeding Rate: See trial pages

Locations:
2024 - Gerstenberger, Grekowicz, Gulick, Maurer, Mininger, Schlicker, SVREC
2025 - Gulick, Maurer, SVREC

Variety	Rating* 1 - 3
BTS-1276	**1.07**
HIL-2361	**1.10**
C-G473	**1.13**
C-G206NT	**1.14**
HIL-2332NT	**1.16**
BTS-142N	**1.17**
BTS-1183	**1.17**
BTS-128N	**1.17**
C-G400	**1.17**
SX-2296N	1.18
BTS-1330	1.18
C-G229	1.26
BTS-147N	1.37
C-G448	1.38
C-G233	1.39
C-G227	1.40
C-G487NT	1.42
HIL-2471NT	1.44
BTS-123N	1.46
HIL-2425NT	1.58
Average	1.27
LSD 5%	0.1
CV %	3.7

Bold: Results are not significantly different from the top ranking variety in each column.

*Rating System:
1 = Good
2 = Fair
3 = Poor

Early Dig Variety Trials

Average of Three Locations - 2025

Trial Quality: Good-Excellent
Planted: April 16 - 24
Harvest Samples: September 10 - October 2
Harvest: September 11 - October 6

Chaffin **Terwillegar**

Sylvester

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row 12-Day		Populations 100 Feet of Row 39-Day	
BTS-123N	$2,286	1	325	1	10359	2	32.3	3	18.1	1	96.4	1	188	66%	215	77%
BTS-128N	$2,211	2	313	5	10504	1	34.1	1	17.6	6	96.1	3	172	61%	204	73%
C-G206NT	$2,091	3	313	3	9826	3	31.7	5	17.4	8	96.3	2	175	61%	215	77%
C-G229	$2,023	4	310	6	9668	4	31.6	6	17.6	7	95.7	6	182	63%	212	76%
BTS-1330	$2,020	5	309	7	9637	5	31.4	7	17.7	4	95.3	12	185	65%	209	75%
C-G227	$1,982	6	314	2	9381	7	30.4	8	17.8	2	95.8	5	188	66%	207	75%
BTS-1183	$1,915	7	300	11	9618	6	32.6	2	17.1	12	95.5	9	173	61%	211	76%
BTS-1276	$1,913	8	306	9	9211	9	30.2	9	17.2	9	95.9	4	154	54%	216	78%
SX-2296N	$1,910	9	313	4	9038	10	29.3	10	17.8	3	95.6	8	143	50%	200	72%
C-G233	$1,814	10	297	12	9246	8	31.7	4	17.2	11	95.3	11	149	52%	207	75%
HIL-2332NT	$1,737	11	301	10	8613	11	28.9	11	17.2	10	95.4	10	150	52%	208	75%
HIL-2471NT	$1,695	12	308	8	8104	12	26.5	12	17.6	5	95.7	7	154	54%	205	74%
Average	$1,966		309		9434		30.9		17.5		95.8		168	59%	209	75%

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: The Noorloos location was harvested early, but not included due to not all varieties being represented.

No early dig premium is factored into the revenue calculation.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Permanent Pile Variety Trials

Average of Four Locations - 2025

Trial Quality: Good - Excellent
Planted: April 23 - 26
Harvest Samples: October 17 - 24
Harvest: October 17 - November 8

Bushey **Chaffin**
Volmering **Wadsworth**

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row 12-Day		Populations 100 Feet of Row 39-Day	
BTS-123N	$2,956	1	325	1	13191	1	40.6	4	17.1	3	96.8	1	151	78%	208	82%
C-G227	$2,848	2	321	4	12829	4	39.8	5	17.0	5	96.4	4	150	77%	203	79%
BTS-128N	$2,829	3	314	6	13133	2	41.8	2	16.9	8	96.3	5	134	69%	202	79%
C-G229	$2,789	5	321	3	12589	6	39.2	8	17.1	2	96.3	6	142	74%	202	79%
C-G206NT	$2,783	4	315	5	12855	3	40.8	3	16.9	6	96.7	2	141	73%	212	83%
C-G233	$2,573	6	308	9	12193	7	39.5	6	16.9	7	95.7	10	134	69%	207	81%
BTS-1183	$2,531	7	298	12	12522	5	42.0	1	16.6	12	95.3	12	143	74%	202	79%
BTS-1276	$2,511	8	312	8	11727	9	37.6	9	17.1	4	96.0	8	122	63%	198	77%
BTS -1330	$2,504	9	306	10	11953	8	39.0	7	16.9	9	95.7	11	143	74%	200	78%
HIL-2471NT	$2,380	10	322	2	10728	12	33.3	12	17.2	1	96.4	3	145	75%	201	79%
HIL-2332NT	$2,309	11	313	7	10742	11	34.3	11	16.7	10	96.2	7	137	71%	203	79%
SX-2296N	$2,229	12	305	11	12955	10	35.1	10	16.6	11	95.9	9	137	71%	195	76%
Average	$2,604		313		12285		38.6		16.9		96.2		140	72%	203	79%

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Variety Trials Summary

Average of Six Locations - 2025

Terwillegar **Bushey** **Chaffin**

Sylvester **Volmering** **Wadsworth**

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row 12-Day		39-Day	
BTS-123N	$2,668	1	325	1	11978	2	37.1	3	17.6	1	96.6	1	195	73%	219	82%
BTS-128N	$2,564	2	313	6	12006	1	38.5	1	17.2	5	96.2	3	175	66%	210	79%
C-G206NT	$2,486	3	314	5	11557	3	36.9	4	17.2	7	96.5	2	182	68%	231	86%
C-G227	$2,477	4	318	2	11351	4	35.8	7	17.4	2	96.1	4	162	73%	213	80%
C-G229	$2,461	5	317	3	11337	5	35.9	6	17.3	4	96.1	6	186	70%	215	81%
BTS-1330	$2,296	6	307	10	10960	8	35.7	8	17.2	6	95.5	11	187	70%	210	79%
BTS-1183	$2,267	7	299	12	11278	6	38.0	2	16.8	12	95.4	12	183	69%	213	80%
BTS-1276	$2,255	8	309	7	10648	10	34.4	9	17.1	8	95.9	7	158	59%	212	80%
C-G233	$2,248	9	303	11	10930	9	36.2	5	17.0	10	95.5	10	166	63%	212	80%
SX-2296N	$2,092	10	308	8	11276	7	32.6	10	17.1	9	95.8	9	166	63%	204	77%
HIL-2471NT	$2,086	11	316	4	9603	12	30.4	12	17.4	3	96.1	5	177	67%	209	79%
HIL-2332NT	$2,064	12	308	9	9830	11	32.0	11	16.9	11	95.9	8	168	63%	213	80%
Average	$2,330		312		11063		35.3		17.2		96.0		175	67%	213	80%

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: Noorloos trial location is not included in the overall average. Not all varieties were included at the location.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

OVT Emergence

Average of Two Years, 2024 & 2025

Locations: 2024 - Grekowicz, Gulick, Maurer, Mininger, SVREC, Sylvester, and Trost
2025 - Gulick, Mininger, and SVREC
Plot Size: 2 rows x 38 feet, 8 reps
Seeding Rate: 1.9-inch seed spacing

Variety	% Emergence
BTS-128N	66.5
C-G473	64.8
C-G448	64.1
C-G400	63.7
C-G206NT	62.6
BTS-123N	62.4
BTS-1330	61.7
HIL-2332NT	61.4
SX-2296N	60.3
C-G233	60.0
BTS-142N	59.6
BTS-1183	59.5
BTS-147N	59.3
C-G229	59.3
C-G487NT	58.4
C-G227	57.2
BTS-1276	56.8
HIL-2361	55.9
HIL-2425NT	51.8
HIL-2471NT	46.6
Average	59.60
LSD 5%	n.s.
CV %	6.7

Bold: Results are not statistically different from the top-ranking variety in each column.

2025 Variety Trials
Emergence Summary

Early Counts

Trial	Chaffin		Noorloos		Sylvester		Wadsworth		Volmering		Bushey		Terwillegar		Average	
Plant Date	04/25/25		4/17/25		4/17/25		4/26/25		4/23/25		4/24/25		4/16/25			
Count Date			4/29/25		4/28/25		5/8/25		4/23/25		5/9/25		4/28/25			
Count Days			12		11		12		15		15		12			
Row Width/Population	20" - 67,500		20" - 50,000		20" - 64,000		20" - 66,000		22" - 58,000		22" - 61,000		30" - 56,000		Beets/100'	%
Total Seeds/100 Feet	256		191		245		253		244		257		321		252	100%
BTS-123N	No Early Counts Due to Cover Crop				147	60%	220	87%	160	66%	220	86%	228	71%	195	74%
C-G227			122	64%	159	65%	206	82%	163	67%	224	87%	216	67%	182	72%
BTS-1330			118	62%	155	63%	207	82%	170	70%	189	74%	214	67%	176	69%
C-G229			118	62%	143	58%	184	73%	166	68%	216	84%	221	69%	174	69%
C-G206NT					130	53%	189	75%	155	63%	217	85%	220	68%	182	69%
BTS-1183			112	59%	146	60%	204	81%	171	70%	193	75%	199	62%	171	68%
HIL-2471NT					131	54%	215	85%	147	60%	212	83%	177	55%	177	67%
BTS-128N					144	59%	157	62%	161	66%	212	83%	201	62%	175	66%
C-G233					123	50%	178	71%	147	60%	205	80%	175	55%	166	63%
HIL-2332NT			108	56%	108	44%	185	73%	149	61%	207	81%	192	60%	158	63%
SX-2296N			106	56%	113	46%	195	77%	156	64%	193	75%	173	54%	156	62%
BTS-1276			125	65%	126	51%	173	69%	124	51%	186	73%	182	57%	153	61%
Average			116	60%	135	55%	193	76%	156	64%	206	80%	200	62%	172	67%
LSD 5%			30		52		48		28		27		61		15	
CV%			11.9		9.6		8.3		6.3		10.0		7.1		7.1	

Late Counts

Trial	Chaffin		Noorloos		Sylvester		Wadsworth		Volmering		Bushey		Terwillegar		Average	
Count Date	5/28/25		5/26/25		5/20/25		5/27/25		5/27/25		6/3/25		5/23/25			
Count Days	33		39		33		31		34		40		38		Beets/100'	%
Total Seeds/100 Feet	256		191		245		253		244		257		321		252	100%
BTS-123N	162	63%			192	78%	237	94%	191	78%	240	93%	290	90%	219	83%
C-G206NT	159	62%			182	74%	235	93%	191	78%	241	94%	305	95%	219	83%
C-G229	156	61%	162	85%	186	76%	228	90%	193	79%	233	91%	294	92%	208	82%
C-G227	165	64%	159	83%	191	78%	238	94%	183	75%	238	93%	264	82%	205	81%
BTS-1183	162	63%	154	81%	195	80%	233	92%	197	81%	216	84%	276	86%	205	81%
C-G233	180	70%			187	76%	230	91%	179	73%	241	94%	254	79%	212	81%
BTS-1276	176	69%	155	81%	196	80%	216	86%	173	71%	233	91%	277	86%	204	80%
BTS-1330	153	60%	159	83%	201	82%	230	91%	193	79%	211	82%	272	85%	203	80%
BTS-128N	154	60%			180	74%	226	90%	187	77%	236	92%	278	86%	210	80%
HIL-2471NT	168	66%			180	73%	221	88%	185	76%	235	91%	267	83%	209	79%
HIL-2332NT	166	65%	136	71%	174	71%	234	93%	187	77%	231	90%	284	88%	202	79%
SX-2296N	158	62%	138	72%	179	73%	218	86%	183	75%	223	87%	262	82%	195	77%
Average	163	64%	152	79%	187	76%	229	91%	187	77%	231	90%	277	86%	207	81%
LSD 5%	36		15		23		18		21		15.0		52		11	
CV%	.051		6.92		4.4		3.19		3.61		4.25		5.27		3.33	

Noorloos: These seven varieties are commonly sold in Ontario. Sugarbeet Cyst Nematode has not been identified in Ontario, therefore, some nematode varieties are not marketed in the growing region.

Stand counts are (2 x 50-foot rows = 100 feet of row). Percent emergence is based on sugarbeets per 100 feet of row and that trial's planting population.

Chaffin trial = 4 reps, all remaining trials = 3 reps

Data is sorted by percent emergence.

East District Trials

Volmering Variety Trial

Ruth, MI - 2025

Trial Quality: Excellent
Planted: April 23
Seeding Rate: 58,000
Plot Size: 8 rows
Row Spacing: 22 inches
Harvest Samples: October 24
Harvest: November 4

Soil Type: Loam
Fertilizer:
Fall: 150 lbs MAP, 300 lbs Potash
3X2X2: 40 units N, 32 units P, 19 units S
In-furrow: 2 units N, 8 units P, 2 units K
T-Band: 3.5 oz Mustang Maxx, 7 oz Quadris

Cercospora Control: EBDC + Delaro + Proline
EBDC + Topsin + Super Tin
EBDC + Veltyma
EBDC + SuperTin
EBDC + Inspire XT
EBDC + Super Tin
EBDC + Proline

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row				Cerc. Rating
													15-Day		34-Day		10/16/225
BTS-123N	**$2,919**	**1**	**320**	**1**	**13236**	**2**	41.3	6	**17.3**	**1**	**97.7**	**1**	160	62%	191	74%	3
BTS-128N	**$2,764**	**2**	**304**	**7**	**13330**	**1**	**43.8**	**1**	**16.7**	**7**	**97.3**	**2**	161	63%	187	73%	4
C-G206NT	**$2,741**	**3**	**306**	**6**	**13129**	**3**	**42.9**	**3**	**17.0**	**4**	**96.9**	**6**	155	60%	191	75%	3
C-G229	**$2,716**	**4**	**314**	**2**	**12582**	**5**	40.0	8	**17.0**	**3**	**97.1**	**4**	166	65%	193	75%	3
C-G227	**$2,587**	**5**	**308**	**5**	**12302**	**6**	40.0	9	**16.8**	**5**	**96.8**	**7**	163	63%	183	71%	5
BTS-1183	**$2,499**	**6**	292	10	**12709**	**4**	**43.5**	**2**	**16.6**	**10**	96.0	12	171	67%	197	77%	4
HIL-2332NT	**$2,489**	**7**	**310**	**4**	11709	10	37.7	10	**16.7**	**6**	**97.1**	**5**	149	58%	187	73%	5
BTS-1330	$2,441	8	295	8	12229	7	41.4	5	**16.6**	**9**	96.4	10	170	66%	193	75%	3
HIL-2471NT	$2,371	9	310	**3**	11152	11	35.9	12	**17.1**	**2**	**97.2**	**3**	147	57%	185	72%	4
C-G233	$2,314	10	288	12	11972	8	41.5	4	16.2	12	96.5	9	147	57%	179	70%	4
BTS-1276	$2,296	11	289	11	11848	9	41.0	7	**16.6**	**8**	96.0	11	124	48%	173	67%	2
SX-2296N	$2,210	12	295	9	11099	12	37.6	11	16.4	11	**96.7**	**8**	156	61%	183	71%	4
Average	$2,529		303		12275		40.6		16.7		96.8		156	61%	187	73%	4
LSD 5%	444		22		1094		1		0.7		1.0		28		21		
CV %	10		4		5		2.0		2.3		0.6		6		4		

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: All pesticide applications were made perpendicular to the row. Insecticide was applied in mid-August.
This trial location has a more dense soil profile than the trial locations in recent years.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Wadsworth Variety Trial

Sandusky, MI - 2025

Trial Quality: Good
Planted: April 26
Seeding Rate: 66,000
Plot Size: 9 rows
Row Spacing: 20 inches
Harvest Samples: October 24
Harvest: November 8

Soil Type: Loam
Fertilizer:
Fall: 1.2 T Variable Rate Lime
PPI: 90 units N
2X2: 43 units N, 28 units P, 24 units S, 1 qt. Mn & B, 1 gal. ZyDrive
Rhizoctonia Control: Quadris 8 oz. at planting

Cercospora Control: EBDC
EBDC + Proline + Delaro
EBDC + Super Tin + Topsin
EBDC + Revytek
EBDC + Super Tin
EBDC + Proline + Badge
Pencozeb + Super Tin

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row				Cerc. Rating
													12-Day		31-Day		10/16/25
BTS-128N	**$2,611**	**1**	**311**	**3**	**12275**	**1**	**39.5**	**1**	**16.1**	**1**	**96.5**	**5**	157	62%	226	90%	6
C-G229	**$2,502**	**2**	**317**	**1**	**11462**	**3**	36.1	6	**15.8**	**4**	**96.9**	**2**	184	73%	228	90%	5
BTS-123N	**$2,494**	**3**	**308**	**4**	**11825**	**2**	**38.4**	**2**	**15.8**	**3**	**96.8**	**3**	220	87%	237	94%	5
C-G206NT	**$2,203**	**4**	**295**	**5**	11045	4	37.4	4	**15.6**	**7**	**96.6**	**4**	189	75%	235	93%	5
HIL-2471NT	$2,100	5	**317**	**2**	9641	9	30.4	12	**15.9**	**2**	**96.9**	**1**	215	85%	221	88%	5
C-G233	$2,075	6	**291**	**7**	10595	5	36.4	5	**15.8**	**5**	95.4	10	178	71%	230	91%	8
C-G227	$2,042	7	**293**	**6**	10371	7	35.5	7	**15.7**	**6**	**95.9**	**7**	206	82%	238	94%	8
BTS-1183	$1,899	8	275	12	10545	6	**38.3**	**3**	**15.3**	**8**	94.8	12	204	81%	233	92%	7
BTS-1330	$1,891	9	288	8	9814	8	34.1	8	15.2	10	**96.1**	**6**	207	82%	230	91%	6
BTS-1276	$1,796	10	288	9	9309	10	32.3	9	**15.3**	**9**	95.5	9	173	69%	216	86%	5
HIL-2332NT	$1,590	11	281	10	8566	12	30.5	11	14.7	12	95.8	**8**	185	73%	234	93%	5
SX-2296N	$1,584	12	276	11	8774	11	31.8	10	14.9	11	95.2	11	195	77%	218	86%	6
Average	$2,066		295		10352		35.1		15.5		96.0		193	76%	229	91%	6
LSD 5%	437		27		985		1.7		0.8		1.2		48		18		
CV	13		5		6		2.9		3.0		0.8		8.3		3.2		

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: This location had a large healthy canopy throughout the majority of the growing season. Cercospora did infect this trial late in the season and may have impacted certain varieties more than others.

Cercospora Rating Scale; 0-9 (0 - No Cercospora, 3 - Economic Damage, 9 - Complete Burndown)

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Noorloos Variety Trial

Mandaumin, ONT - 2025

Trial Quality: Excellent
Planted: April 17
Seeding Rate: 50,000
Plot Size: 9 rows
Row Spacing: 20 inches
Harvest Samples: September 30
Harvest: September 30

Soil Type: Loam
Fertilizer:
Fall: Manure (48 units)
PPI: 72 units

Cercospora Control: EBDC
EBDC + Veltyma
EBDC + Copper
EBDC + Proline
EBDC + Copper

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row			
													12-Day		39-Day	
C-G227	**$3,097**	**1**	**346**	**3**	**12946**	**2**	37.4	4	**19.5**	**2**	**96.0**	**4**	122	64%	159	83%
C-G229	**$3,082**	**2**	**347**	**2**	**12867**	**4**	37.1	5	**19.5**	**1**	**96.1**	**3**	118	62%	162	85%
BTS-1276	**$3,066**	**3**	**344**	**4**	**12910**	**3**	37.6	2	**19.5**	**4**	**95.4**	**6**	125	65%	155	81%
BTS-1183	**$2,954**	**5**	329	7	**13001**	**1**	**39.5**	**1**	18.7	7	95.2	7	112	59%	154	81%
BTS-1330	**$2,943**	**4**	339	6	**12672**	**5**	37.4	3	**19.2**	**6**	**96.1**	**1**	118	62%	159	83%
HIL-2332NT	$2,826	6	**348**	**1**	11761	6	33.8	6	**19.5**	**3**	**95.9**	**5**	108	56%	136	71%
SX-2296N	$2,737	7	**343**	**5**	11563	7	33.8	7	**19.4**	**5**	**96.1**	**2**	106	56%	138	72%
Average	$2,958		342		12531		37		19.3		95.8		116	60%	152	79%
LSD 5%	245		14		563		1		0.6		0.7		30		15	
CV %	5		2		3		1.2		1.7		0.4		11.9		6.92	

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: These seven varieties are commonly sold in Ontario. Sugarbeet Cyst Nematode has not been identified there, therefore, some nematode varieties are not used in this growing region.

Good/excellent Cercospora control.

No early dig premium is factored into the revenue calculation.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Plant to Stand
Maurer, Ruth - 2025

Trial Quality: Good
Planted: May 9
Harvested: October 9
Plots: 6 rows x 38 feet, 6 reps
Row Width: 22 inches
Seeding Rate: 4.1 inches

Soil Info: Silt/Sandy Loam
Previous Crop: Soybeans
Added N: 40 lbs. 2X2, 120 lbs. side-dress

Disease Pressure:
Cercospora: Low
Rhizoctonia: Low
Rainfall: 13.94 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Beets/100 feet.	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	Actual	Rank
BTS-1330	$1,815	258	1	**10285**	**39.9**	**3**	**15.1**	**1**	96.4	11	202.6	6
BTS-128N	$1,776	253	3	**10447**	**41.3**	**1**	**14.6**	**5**	97.1	1	208.8	2
BTS-123N	$1,717	256	2	**9917**	**38.8**	**6**	**14.8**	**2**	97.0	2	202.8	5
BTS-1183	$1,613	249	9	**9778**	**39.2**	**5**	**14.6**	**6**	96.4	13	172.9	13
C-G227	$1,581	247	10	**9569**	**38.4**	**7**	**14.3**	**10**	97.0	4	205.3	4
HIL-2332NT	$1,530	252	4	**9076**	36.0	10	**14.7**	**3**	96.4	12	199.5	7
C-G229	$1,524	251	5	**9138**	36.5	9	**14.6**	**4**	96.6	8	191.4	8
HIL-2471NT	$1,464	250	7	8830	35.3	11	**14.5**	**7**	96.8	7	171.9	14
HIL-2425NT	$1,456	250	6	8735	34.9	12	**14.5**	**8**	96.8	5	206.9	3
C-G206NT	$1,450	239	13	**9654**	**40.4**	**2**	13.9	13	97.0	3	184.3	10
BTS-1276	$1,427	240	12	**9445**	**39.4**	**4**	**14.2**	**11**	95.8	14	182.1	11
C-G233	$1,388	241	11	**9070**	**37.6**	**8**	**14.1**	**12**	96.5	9	214.7	1
SX-2296N	$1,327	249	8	7992	32.0	14	**14.5**	**9**	96.8	6	187.4	9
HIL-2361	$1,171	236	14	7970	33.6	13	13.9	14	96.5	10	181.7	12
Average	$1,517.0	247.7		9279	37.4		14.45		96.65		193.73	
LSD 5%	n.s.	n.s.		1504.3	3.7		1.1		n.s.		n.s.	
CV %	27.0	7.2		12.8	7.9		6.2		0.9		22.2	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial had great emergence and good early season growth. The trial had a long period of hot, dry weather through mid-summer. The trial had decent yield but slightly below average sugar.

Central District Trials

Official Variety Trial
SVREC, Richville - 2025

Trial Quality: Fair
Planted: April 22
Harvested: September 30
Plots: 2 rows x 38 feet, 8 reps
Row Width: 22 inches
Seeding Rate: 1.9 inches thinned to 203 beets/100 feet

Soil Info: Loam
Previous Crop: Corn
Added N: 100 lbs. fall applied N (AMS)
+40 lbs. 2x2

Disease Pressure:
Cercospora: Moderate
Rhizoctonia: Low
Rainfall: 16.24 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Emergence	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	%	Rank
C-G400	**$1,326**	**274**	**4**	**9189**	**33.4**	**2**	16.0	12	**96.3**	**1**	**58.7**	**7**
BTS-1330	**$1,313**	**273**	**8**	**9192**	**33.6**	**1**	**16.2**	**7**	95.4	12	56.0	12
BTS-123N	**$1,264**	271	9	**9012**	**33.2**	**5**	**16.1**	**9**	95.4	10	**62.6**	**1**
C-G473	**$1,259**	**274**	**5**	**8798**	**32.1**	**7**	**16.2**	**8**	95.5	8	**61.6**	**2**
HIL-2332NT	**$1,251**	**280**	**2**	8307	29.7	14	**16.4**	**2**	**96.1**	**3**	55.4	16
C-G206NT	**$1,248**	270	12	**8983**	**33.2**	**4**	16.0	11	95.5	9	55.7	13
BTS-142N	**$1,228**	**287**	**1**	7753	27.0	20	**16.9**	**1**	**95.6**	**7**	**57.6**	**10**
C-G229	**$1,216**	271	11	**8705**	**32.1**	**8**	15.9	15	**96.1**	**2**	53.1	18
BTS-147N	**$1,186**	**279**	**3**	7890	28.2	18	**16.4**	**3**	**95.8**	**5**	55.4	15
C-G487NT	**$1,152**	**273**	**7**	8064	29.5	16	16.0	10	**96.0**	**4**	56.4	11
C-G233	**$1,150**	266	14	**8559**	**32.1**	**9**	16.0	13	95.0	18	**58.7**	**6**
C-G448	**$1,139**	264	17	**8652**	**32.7**	**6**	15.8	16	95.3	13	**59.3**	**4**
SX-2296N	**$1,135**	**274**	**6**	7888	28.7	17	**16.2**	**4**	95.4	11	55.7	14
HIL-2361	**$1,122**	266	15	8360	**31.4**	**12**	15.7	17	**95.7**	**6**	53.2	17
BTS-1276	**$1,114**	266	16	8328	**31.3**	**13**	15.9	14	95.0	17	47.3	20
BTS-128N	**$1,101**	260	18	**8696**	**33.4**	**3**	15.6	18	95.0	16	**60.5**	**3**
HIL-2425NT	$1,057	271	10	7513	27.6	19	**16.2**	**6**	95.0	15	**59.1**	**5**
HIL-2471NT	$1,054	267	13	7879	29.6	15	**16.2**	**5**	94.3	20	52.0	19
C-G227	$987	257	19	8149	**31.8**	**11**	15.4	19	95.1	14	**58.2**	**9**
BTS-1183	$880	249	20	7978	**32.1**	**10**	15.0	20	94.8	19	**58.3**	**8**
Average	$1,159.0	269.7		8395	31.1		16.01		95.42		56.75	
LSD 5%	230.2	13.6		813.3	2.3		0.8		0.7		6.0	
CV %	20.1	5.1		9.8	7.4		5.2		0.8		10.7	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial had ample rain early in the season that lead to early season growth and crop health. The trial experienced a long dry period through mid-summer. Cercospora moved quickly once the trial became infected. By harvest, there were many plots at economic injury level due to Cercospora. Sugar and tons were on par for a September harvest. Evidence of root aphids were present at harvest.

Bushey Variety Trial

Caseville, MI - 2025

Trial Quality: Excellent
Planted: April 25
Seeding Rate: 61,000
Plot Size: 9 rows
Row Spacing: 20 inches
Harvest Samples: October 17
Harvest: November 6

Soil Type: Loam
Fertilizer:
PPI: 6 units N, 28 units P, 43 units K, 43 units S, 20 units Mg
2X2: 53 units N, 12 units S, 1 qt B, 1 qt Mn
In-Furrow: 7 oz. Quadris + 4 oz. Mustang Maxx

Cercospora Control:** EBDC + Delaro + Proline
EBDC + Super Tin + Topsin
EBDC + Inspire XT
EBDC + Revytek
Super Tin + Badge
EBDC + Proline
EBDC

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row			
													15-Day		40-Day	
C-G227	**$3,519**	**1**	**353**	**1**	**14437**	**1**	**40.9**	**4**	**17.3**	**3**	**97.7**	**2**	224	87%	238	93%
C-G206NT	**$3,442**	**2**	**351**	**2**	**14226**	**2**	**40.6**	**5**	**17.3**	**4**	**98.1**	**1**	217	85%	241	94%
BTS-123N	**$3,341**	**3**	**343**	**4**	**14098**	**3**	**41.1**	**3**	16.9	11	**97.1**	**3**	220	86%	240	93%
BTS-1276	**$3,110**	**4**	**346**	**3**	**12998**	**6**	37.5	8	**17.7**	**2**	**97.1**	**4**	186	73%	233	91%
BTS-128N	**$3,050**	**5**	**326**	**11**	**13571**	**4**	**41.7**	**1**	17.0	9	**96.2**	**8**	212	83%	236	92%
BTS-1330	**$3,037**	**6**	**337**	**6**	**13042**	**5**	**38.7**	**7**	**17.7**	**1**	95.6	11	189	74%	211	82%
C-G229	$3,001	8	**333**	**9**	13043	9	39.2	9	**17.2**	**6**	96.0	9	216	84%	233	91%
C-G233	$2,941	7	**331**	**10**	12863	8	**38.9**	**6**	**17.3**	**5**	95.7	10	205	80%	241	94%
BTS-1183	$2,800	9	313	12	**13047**	**7**	**41.7**	**2**	16.7	12	95.5	12	193	75%	216	84%
HIL-2332NT	$2,559	11	**339**	**5**	10908	11	32.1	11	16.9	10	**96.8**	**5**	207	81%	231	90%
SX-2296N	$2,544	10	**335**	**8**	10984	10	32.8	10	**17.1**	**7**	**96.5**	**7**	193	75%	223	87%
HIL-2471NT	$2,296	12	**336**	**7**	9935	12	29.7	12	**17.1**	**8**	**96.6**	**6**	212	83%	235	91%
Average	$2,970		337		12763		37.9		17.2		96.6		206	80%	231	90%
LSD 5%	523		30		1515		3.3		0.6		2.0		27.0		15	
CV %	10		5		7		5.1		2.1		1.2		10.0		4.25	

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: This location maintained a large and lush canopy throughout the growing season with an overall plot rating of a 1-2 for Cercospora. Nematodes were found on the east side of this field, however, no evidence of nematodes was found in the plot area.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

** all Cercospora sprays included MasterLock.

Sylvester Variety Trial

Fairgrove, MI - 2025

Trial Quality: Good
Planted: April 17
Seeding Rate: 64,000
Plot Size: 9 rows
Row Spacing: 20 inches
Harvest Samples: October 2
Harvest: October 6

Soil Type: Loam
Fertilizer:
PPI: 67 units N (28%)
2x2: 38 units N, 20 units P, 20 units S
Sidedress N: 15 units (Streamed 8-10 lf)

Cercospora Control: EBDC + Veltyma
EBDC + Super Tin
EBDC + Inspire XT
EBDC + Super Tin
EBDC + Delaro
EBDC + Super Tin
EBDC

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row				Cerc. Rating
													11-Day		33-Day		10/2/25
C-G206NT	**$2,591**	**1**	**343**	**1**	**10931**	**2**	**31.9**	**3**	**18.5**	**4**	**97.4**	**1**	130	53%	182	74%	5
BTS-123N	**$2,579**	**2**	**337**	**3**	**11058**	**1**	**32.8**	**1**	**18.9**	**1**	**96.7**	**3**	147	60%	192	78%	3
BTS-128N	**$2,528**	**3**	**335**	**4**	**10925**	**3**	**32.6**	**2**	**18.5**	**3**	**96.9**	**2**	144	59%	180	74%	4
BTS-1276	**$2,415**	**4**	**338**	**2**	**10322**	**5**	30.5	6	**18.8**	**2**	**96.4**	**6**	126	51%	196	80%	6
C-G229	**$2,388**	**5**	**331**	**5**	**10436**	**4**	**31.5**	**4**	**18.2**	**8**	**96.6**	**4**	143	58%	186	76%	5
SX-2296N	$2,190	6	**329**	**6**	9658	8	29.4	9	**18.5**	**5**	96.3	7	113	46%	179	73%	5
BTS-1330	$2,183	7	**323**	**9**	9817	7	30.5	7	**18.2**	**7**	96.0	11	155	63%	201	82%	5
HIL-2332NT	$2,156	8	**328**	**7**	9523	9	29.0	10	**18.2**	**9**	96.3	8	108	44%	174	71%	6
BTS-1183	$2,119	9	313	12	9851	6	31.4	5	17.6	12	96.0	10	146	60%	195	80%	6
C-G227	$2,044	10	**323**	**8**	9181	11	28.4	11	**18.3**	**6**	95.7	12	159	65%	191	78%	8
C-G233	$2,043	11	314	11	9457	10	30.1	8	17.8	11	96.2	9	123	50%	187	76%	7
HIL-2471NT	$1,894	12	**321**	**10**	8580	12	26.8	12	18.0	10	**96.4**	**5**	131	54%	180	73%	6
Average	$2,261		328		9978		30.4		18.3		96.4		135	55%	187	76%	6
LSD 5%	334		23		808		1.3		0.7		1.0		52		23		
CV %	9		4		5		2.5		2.4		0.6		9.6		4.4		

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: Rhizoctonia counts totaled less than 70 dead beets for the entire plot, therefore, there is no significant treatment data to report.

Average Cercospora rating for the plot was 6.

Cercospora Rating Scale; 0-9 (0 = No Spots, 3 = Economic Impact, 9 = Complete Burndown)

No early dig premium was factored into the revenue calculation.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Plant to Stand

Trost, Pigeon - 2025

Trial Quality: Good
Planted: May 13
Harvested: November 3
Plots: 6 rows x 38 feet, 6 reps
Row Width: 22 inches
Seeding Rate: 4.1 inches

Soil Info: Clay Loam
Previous Crop: Corn
Added N: 40 lbs. 2x2

Disease Pressure:
Cercospora: Low to moderate
Rhizoctonia: Low
Rainfall: 15.69 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank
C-G229	**$2,476**	**302**	**1**	**12024**	**39.7**	**5**	**18.1**	**1**	94.7	3
BTS-1330	**$2,389**	**297**	**3**	**11875**	**40.0**	**4**	**17.8**	**3**	94.7	2
BTS-123N	**$2,355**	**294**	**4**	**11863**	**40.3**	**2**	**17.7**	**4**	94.5	7
BTS-128N	**$2,277**	**290**	**6**	**11703**	**40.4**	**1**	**17.6**	**6**	94.2	13
C-G206NT	**$2,253**	**290**	**8**	**11602**	**40.1**	**3**	**17.3**	**11**	94.7	1
BTS-1276	**$2,244**	**300**	**2**	11004	36.7	10	**18.0**	**2**	94.5	6
C-G227	**$2,172**	**287**	**10**	**11329**	**39.5**	**7**	**17.4**	**9**	94.2	12
HIL-2332NT	$2,095	**290**	**7**	10762	37.1	9	**17.4**	**7**	94.6	5
C-G233	$2,019	279	14	11015	**39.5**	**6**	16.9	14	94.3	10
HIL-2361	$2,004	**289**	**9**	10349	35.8	12	**17.3**	**10**	94.6	4
HIL-2425NT	$1,995	**286**	**11**	10439	36.4	11	**17.4**	**8**	94.0	14
HIL-2471NT	$1,971	**293**	**5**	10012	34.2	13	**17.6**	**5**	94.4	8
BTS-1183	$1,956	280	13	10617	**38.0**	**8**	16.9	13	94.3	9
SX-2296N	$1,800	282	12	9627	34.1	14	17.0	12	94.3	11
Average	$2,143.2	289.9		11016	38.0		17.46		94.43	
LSD 5%	357.9	18.4		985.0	2.4		0.9		n.s.	
CV %	14.5	5.5		7.8	5.5		4.2		1.0	

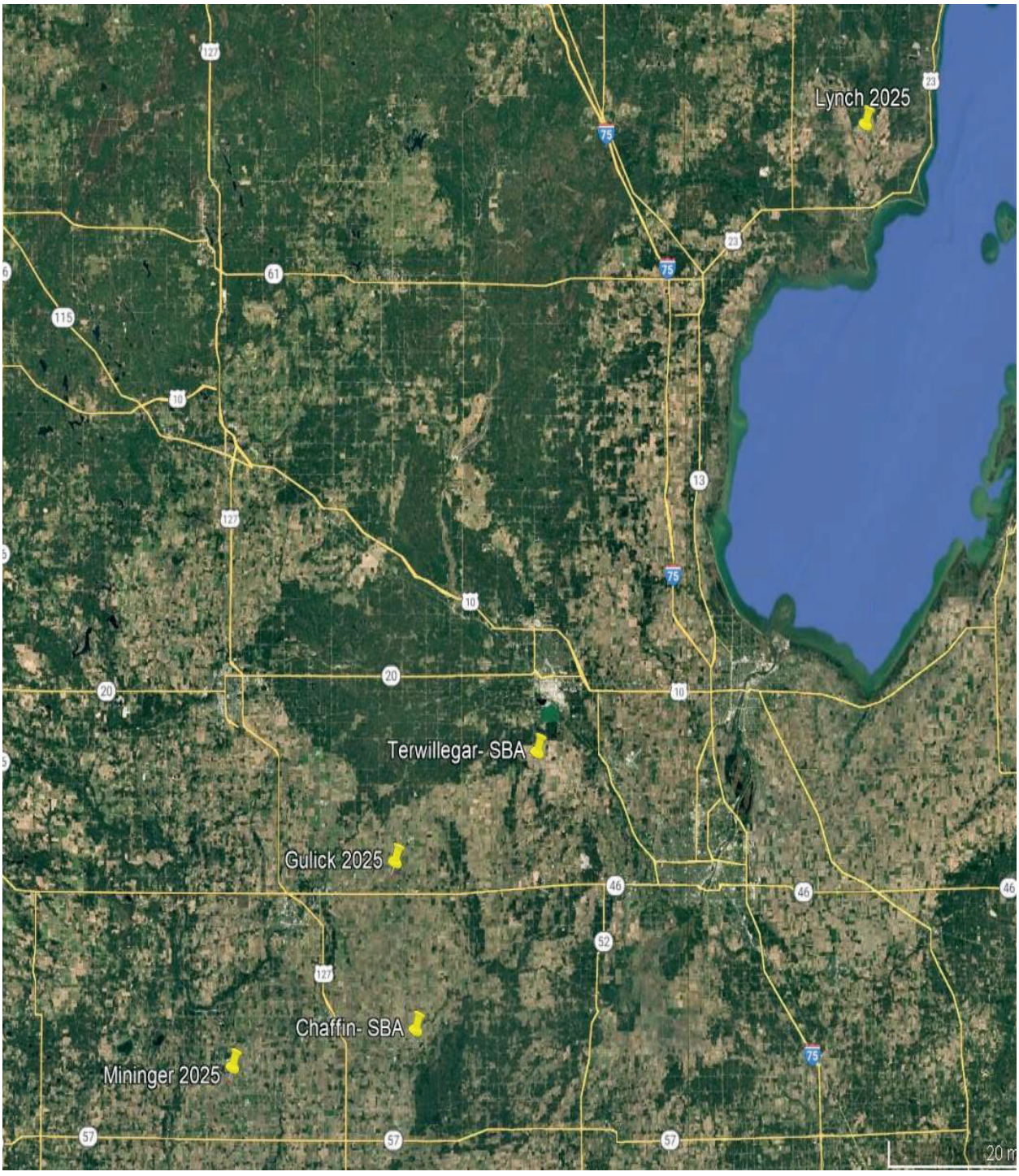
See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial was one of the later planted trials and also harvested during permanent pile. Yield and sugar are representative of quality growing conditions. At the time of harvest, some plots were showing signs of economic injury level due to Cercospora.

West District Trials



Official Variety Trial
Mininger, Perrinton - 2025

Trial Quality: Good
Planted: April 16
Harvested: September 23
Plots: 2 rows x 38 feet, 8 reps
Row Width: 22 inches
Seeding Rate: 1.9 inches thinned to 203 beets/100 feet

Soil Info: Sandy Loam
Previous Crop: Corn
Added N: Manure + 40 lbs. 2x2
40 lbs. side-dress

Disease Pressure:
Cercospora: Low to moderate
Rhizoctonia: Low
Rainfall: 14.25 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Emergence	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	%	Rank
BTS-147N	**$1,876**	**255**	**2**	**9863**	**38.6**	**13**	16.1	12	**92.6**	**1**	46.5	16
C-G400	**$1,814**	**254**	**3**	**9648**	38.0	14	16.7	1	**90.9**	**8**	**54.0**	**4**
BTS-123N	**$1,809**	**247**	**6**	**10124**	**40.9**	**1**	15.9	16	**91.7**	**3**	**53.0**	**6**
BTS-142N	**$1,798**	**258**	**1**	**9268**	35.9	16	16.6	2	**91.7**	**4**	47.6	12
HIL-2361	**$1,796**	**250**	**4**	**9827**	**39.3**	**8**	15.9	15	**92.2**	**2**	42.7	18
C-G473	**$1,729**	**246**	**7**	**9778**	**39.7**	**6**	16.1	13	**91.3**	**6**	**50.4**	**11**
C-G448	**$1,723**	**245**	**8**	**9895**	**40.5**	**3**	16.2	6	**90.5**	**9**	**58.1**	**1**
C-G229	**$1,643**	**244**	**9**	**9494**	**39.0**	**10**	16.0	14	**91.0**	**7**	47.6	13
BTS-128N	**$1,634**	**240**	**11**	**9717**	**40.4**	**5**	16.1	9	**90.2**	**11**	**52.9**	**7**
C-G233	**$1,623**	**243**	**10**	**9416**	**38.7**	**12**	16.2	7	**90.5**	**10**	**54.6**	**3**
SX-2296N	**$1,588**	237	13	**9639**	**40.4**	**4**	16.2	5	89.5	14	**51.0**	**10**
C-G487NT	**$1,571**	**249**	**5**	8713	35.1	17	16.1	8	**91.4**	**5**	46.7	15
C-G206NT	$1,434	235	14	9090	**38.8**	**11**	15.8	18	89.9	13	**56.1**	**2**
C-G227	$1,431	233	15	**9217**	**39.6**	**7**	15.6	19	**90.1**	**12**	47.0	14
BTS-1330	$1,342	230	18	8969	**39.1**	**9**	15.9	17	89.3	15	**53.7**	**5**
HIL-2332NT	$1,332	238	12	8180	34.5	18	16.5	3	89.0	18	43.2	17
BTS-1183	$1,231	222	19	9026	**40.7**	**2**	15.4	20	89.1	17	**51.8**	**9**
HIL-2425NT	$1,227	233	16	7665	33.2	19	16.1	10	89.2	16	**51.8**	**8**
HIL-2471NT	$1,142	232	17	7530	32.7	20	16.1	11	88.8	19	42.5	20
BTS-1276	$862	209	20	7670	36.6	15	16.4	4	84.9	20	42.6	19
Average	$1,530.2	240.0		9137	38.1		16.10		90.19		49.69	
LSD 5%	384.9	18.7		931.9	2.7		n.s.		2.5		8.0	
CV %	25.4	7.9		10.3	7.3		4.1		2.8		16.2	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial was the first planted and the second harvested OVT. Heavy rain shortly after planting resulted in the need to crust bust during emergence. Emergence was impacted slightly. Long periods without rain caused root growth to lag a bit, but also limited disease pressure. Yield and sugar were on par for a September harvest. The trial had evidence of root aphids and some minor deer damage at harvest.

Official Variety Trial
Gulick, Breckenridge - 2025

Trial Quality: Excellent
Planted: April 17
Harvested: September 16
Plots: 2 rows x 38 feet, 8 reps
Row Width: 22 inches
Seeding Rate: 1.9 inches thinned to 203 beets/100 feet

Soil Info: Clay Loam
Previous Crop: Wheat, Dairy Manure, Radish
Added N: 40 lbs. side-dress

Disease Pressure:
Cercospora: Low
Rhizoctonia: Low
Rainfall: 14.85 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Emergence	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	%	Rank
BTS-147N	**$3,259**	**303**	**2**	**12380**	**40.9**	**6**	**17.6**	**2**	**96.2**	**1**	62.4	12
C-G229	**$3,071**	**296**	**4**	**12034**	**40.7**	**7**	**17.3**	**3**	**95.7**	**4**	**64.6**	**7**
BTS-1330	**$3,043**	**290**	**7**	**12192**	**42.0**	**2**	**17.2**	**7**	95.2	13	**70.5**	**1**
C-G400	**$2,972**	289	8	**11971**	**41.4**	**3**	17.0	11	**95.7**	**6**	**66.9**	**5**
C-G473	$2,915	**291**	**6**	**11667**	**40.2**	**10**	**17.1**	**8**	**95.5**	**9**	**70.2**	**2**
HIL-2332NT	$2,888	**297**	**3**	11277	38.1	15	**17.3**	**4**	**96.0**	**2**	60.2	16
BTS-142N	$2,873	**305**	**1**	10843	35.6	20	**17.8**	**1**	**95.7**	**5**	61.1	15
C-G448	$2,785	287	11	11373	**39.8**	**12**	17.0	12	95.3	12	**66.5**	**6**
HIL-2361	$2,760	**294**	**5**	10920	37.3	17	**17.2**	**6**	**95.7**	**3**	59.0	19
BTS-1276	$2,652	285	12	10901	38.3	14	17.0	9	95.0	15	59.6	18
C-G233	$2,642	274	18	11499	**42.1**	**1**	16.3	19	95.3	10	62.7	10
HIL-2425NT	$2,640	289	10	10644	36.9	18	**17.3**	**5**	94.8	18	61.3	14
SX-2296N	$2,620	283	13	10859	38.4	13	16.7	14	**95.6**	**8**	62.1	13
BTS-128N	$2,598	274	19	11297	**41.3**	**4**	16.3	20	95.2	14	**64.5**	**8**
BTS-1183	$2,596	277	15	11071	**39.9**	**11**	16.7	15	94.7	19	62.7	11
C-G206NT	$2,571	275	17	11146	**40.7**	**8**	16.3	17	95.3	11	**67.0**	**4**
BTS-123N	$2,558	275	16	11052	**40.2**	**9**	16.5	16	95.0	16	**69.4**	**3**
C-G227	$2,551	272	20	11187	**41.1**	**5**	16.3	18	94.9	17	62.8	9
C-G487NT	$2,543	289	9	10285	35.7	19	17.0	10	**95.6**	**7**	56.6	20
HIL-2471NT	$2,495	280	14	10497	37.5	16	16.9	13	94.4	20	59.9	17
Average	$2,751.6	286.3		11255	39.4		16.94		95.35		63.50	
LSD 5%	328.4	14.2		845.1	2.8		0.7		0.7		7.4	
CV %	12.1	5.0		7.6	7.2		4.3		0.7		11.8	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial was the second OVT planted and first harvested. The location had timely rains, which contributed to solid emergence and overall plant health throughout the season. Yield and sugar were above-average for a September harvest. Root aphids were present at harvest.

Terwillegar Variety Trial

Freeland, MI - 2025

Trial Quality: Good
Planted: April 16
Seeding Rate: 56,000
Plot Size: 6 rows
Row Spacing: 30 inches
Harvest Samples: September 10
Harvest: September 11

Soil Type: Loam
Fertilizer:
Summer (2024): Dairy manure + Radish
Fall: P&K Var Rate
2x2: 60 lbs. N + Micro

Cercospora Control: EBDC
EBDC + Inspire XT
Topsin + Super Tin
EBDC + Priaxor
EBDC + Super Tin

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Population/ Emergence 100 Feet of Row			
													12-Day		38-Day	
BTS-123N	**$2,325**	**1**	**356**	**1**	**9492**	**2**	**26.7**	**7**	**19.0**	**4**	**97.8**	**1**	228	71%	290	90%
BTS-128N	**$2,229**	**2**	**335**	**5**	**9647**	**1**	**28.9**	**1**	**18.7**	**5**	96.7	3	201	62%	278	86%
C-G229	**$2,097**	**3**	**336**	**4**	**9061**	**4**	**27.1**	**4**	**19.0**	**3**	96.0	9	221	69%	294	92%
C-G206NT	**$2,096**	**4**	**334**	**6**	**9068**	**3**	**27.1**	**3**	**18.4**	**9**	96.7	2	220	68%	305	95%
SX-2296N	**$2,064**	**5**	**346**	**2**	**8623**	**8**	24.9	9	**19.1**	**2**	96.7	4	173	54%	262	82%
C-G227	**$2,052**	**6**	**346**	**3**	**8594**	**9**	24.9	10	**19.5**	**1**	96.3	6	216	67%	264	82%
BTS-1183	**$2,048**	**7**	**333**	**7**	**8865**	**5**	26.5	8	**18.6**	**7**	96.4	5	199	62%	276	86%
BTS-1330	**$1,943**	**8**	322	11	**8780**	**6**	**27.3**	**2**	**18.4**	**10**	95.5	11	214	67%	272	85%
C-G233	$1,917	9	322	10	**8654**	**7**	**26.9**	**6**	**18.6**	**8**	95.5	12	175	55%	254	79%
HIL-2332NT	$1,835	10	328	9	8114	11	24.8	11	18.3	11	96.1	8	192	60%	284	88%
HIL-2471NT	$1,783	11	**330**	**8**	7799	12	23.6	12	18.7	**6**	96.2	7	177	55%	267	83%
BTS-1276	$1,767	12	310	12	8338	10	**26.9**	**5**	17.5	12	96.0	10	182	57%	277	86%
Average	$2,013		333		8753		26.3		18.7		96.3		200	62%	277	86%
LSD 5%	403		27		1133		2.3		1.1		n.s.		61.0		52	
CV %	13		5		8		5		3.5		0.5		7.1		5.27	

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: Root aphids were found throughout the trial area and were consistent across all varieties.

Good Cercospera control.

No early dig premium is factored into revenue.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Chaffin Variety Trial - Early Dig

Ithaca, MI - 2025

Trial Quality: Good
Planted: April 24
Seeding Rate: 67,500
Plot Size: 12 rows
Row Spacing: 20 inches
Harvest Samples: September 11
Harvest: September 15

Soil Type: Loam
Fertilizer:
Fall: Dairy manure
2X2: 70 units N, 25 units K, 15 units S
Rhizoctonia Control: Quadris in-furrow

Cercospora Control: EBDC + Quadris
EBDC + Inspire
EBDC + Super Tin + Topsin
EBDC + Delaro
EBDC + Super Tin
EBDC + Lucento
EBDC + Super Tin

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Populations 100 Feet of Row		
													15-Day	33-Day	
BTS-123N	**$1,953**	**1**	**280**	**2**	**10527**	**2**	**38**	**5**	**16.4**	**2**	94.8	5	No Early Counts Due to Cover Crop	162	63%
BTS-1330	**$1,933**	**2**	**282**	**1**	**10315**	**4**	37	6	**16.5**	**1**	94.3	8		153	60%
BTS-128N	**$1,875**	**3**	**267**	**6**	**10938**	**1**	**41**	**1**	**15.6**	**6**	94.8	4		154	60%
C-G227	**$1,850**	**4**	**274**	**3**	**10368**	**3**	**38**	**4**	**15.7**	**5**	95.3	1		165	64%
C-G229	**$1,585**	**5**	**263**	**9**	**9507**	**7**	36	7	**15.5**	**7**	94.5	6		156	61%
C-G206NT	**$1,584**	**6**	**263**	**8**	**9497**	**8**	36	8	15.4	8	94.8	3		159	62%
BTS-1183	**$1,578**	**7**	**254**	**10**	**10137**	**5**	**40**	**2**	15.0	11	94.2	10		162	63%
BTS-1276	**$1,557**	**8**	**270**	**5**	8972	9	33	10	15.3	9	95.3	2		176	69%
C-G233	**$1,482**	**9**	**253**	**11**	**9627**	**6**	38	**3**	15.1	10	94.3	9		180	70%
SX-2296N	**$1,476**	**10**	**264**	**7**	8832	10	34	9	**15.8**	**4**	93.9	11		158	62%
HIL-2471NT	**$1,409**	**11**	**273**	**4**	7934	12	29	12	16.2	**3**	94.4	7		168	66%
HIL-2332NT	$1,220	12	248	12	8203	11	33	11	15.0	12	93.9	12		166	65%
Average	$1,625		266		9571		36		15.6		94.5			163	64%
LSD 5%	584		31		1557		3.5		1.0		n.s.			36	
CV %	16.3		5.3		7.4		4.5		2.8		0.8			0.05	

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: Planted into a stale seed bed with heavy cover crop. Field has a history of manure applications. Two additional replications were harvested during permanent pile. Cercospora control was good.

No early dig premium is factored into revenue.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Chaffin Variety Trial - Permanent Pile

Ithaca, MI - 2025

Trial Quality: Good
Planted: April 24
Seeding Rate: 67,500
Plot Size: 12 rows
Row Spacing: 20 inches
Harvest Samples: October 17
Harvest: October 17

Soil Type: Loam
Fertilizer:
Fall: Dairy manure
2x2: 70 units N, 25 units K, 15 units S
Rhizoctonia Control: Quadris in-furrow

Cercospora Control: EBDC + Quadris
EBDC + Inspire
EBDC + Super Tin + Topsin
EBDC + Delaro
EBDC + Super Tin
EBDC + Lucento
EBDC + Super Tin

Variety	$/A*		RWST		RWSA		T/A		% Sugar		% CJP		Cerc. Rating 10/17/2025
C-G227	**$3,243**	**1**	**330**	**1**	**14206**	**1**	**43.0**	**2**	**18.3**	**6**	**95.4**	**3**	6
BTS-123N	**$3,069**	**2**	**327**	**3**	**13607**	**3**	**41.6**	**6**	**18.5**	**4**	**95.7**	**1**	4
C-G233	**$2,961**	**3**	**322**	**5**	13342	5	**41.4**	**7**	**18.4**	**5**	**95.2**	**8**	4
C-G229	**$2,938**	**4**	**321**	**6**	**13268**	**6**	**41.3**	**8**	**18.5**	**3**	**95.3**	**5**	3
BTS-1183	**$2,925**	**5**	310	10	**13788**	**2**	**44.5**	**1**	17.8	12	**95.0**	**11**	5
BTS-128N	$2,893	6	**315**	**8**	**13355**	**4**	**42.4**	**3**	**18.0**	**9**	**95.4**	**4**	4
BTS-1276	$2,843	7	**324**	**4**	12753	8	39.4	9	**18.7**	**1**	**95.4**	**2**	3
HIL-2471NT	$2,752	8	**327**	**2**	12182	10	37.2	11	**18.6**	**2**	**95.1**	**9**	4
C-G206NT	$2,748	9	308	11	**13022**	**7**	**42.2**	**4**	17.9	11	**95.2**	**7**	4
BTS-1330	$2,647	10	305	12	12725	9	**41.7**	**5**	**18.0**	**10**	94.6	12	4
HIL-2332NT	$2,600	11	**321**	**7**	11786	12	36.8	12	18.3	**7**	**95.3**	**6**	5
SX-2296N	$2,579	12	**314**	**9**	11962	11	38.1	10	**18.0**	**8**	**95.1**	**10**	3
Average	$2,850		319		13000		40.8		18.2		95.2		4
LSD 5%	338		15.0		1189		3.7		0.6		0.8		
CV %	5.4		2.2		4.2		4.1		1.6		0.4		

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Bold: Results are not statistically different from the top-ranking variety in each column.

Comments: Planted into a stale seed bed with heavy cover crop. This field has a history of manure applications. Permanent pile data was generated from harvesting two replications during permanent pile. Two additional replications were harvested during early delivery.

Cercospora Rating Scale, 0-9 (0 - No Cercospora, 3 - Economic damage, 9 - Complete burndown)

No early dig premium is factored into revenue.

Emergence data is reported in the early dig trial summary.

Percent emergence is calculated using the actual emergence per 100 feet of row as a percentage of the grower planter setting.

Plant to Stand

Mininger, Perrinton - 2025

Trial Quality: Fair
Planted: April 16
Harvested: September 23
Plots: 6 rows x 38 feet, 6 reps
Row Width: 22 inches
Seeding Rate: 4.1 inches

Soil Info: Sandy Loam
Previous Crop: Corn
Added N: Manure + 40 lbs. 2x2
+ 40 lbs. side-dress

Disease Pressure:
Cercospora: Low to moderate
Rhizoctonia: Low to moderate
Rainfall: 14.25 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Beets/100 feet.	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	Actual	Rank
HIL-2471NT	**$1,288**	241	1	**7384**	**30.2**	**1**	**16.2**	**1**	**90.1**	**4**	111.8	14
BTS-1276	**$1,216**	239	4	**7158**	**29.6**	**2**	**15.8**	**5**	**90.9**	**3**	122.0	13
HIL-2332NT	**$1,126**	240	2	**6661**	**27.6**	**4**	15.3	14	**92.8**	**1**	125.4	11
C-G206NT	**$1,031**	239	3	**6159**	**25.7**	**8**	15.4	10	**92.0**	**2**	**147.3**	**6**
HIL-2425NT	**$871**	228	6	5594	24.0	11	15.5	8	**90.0**	**5**	**153.7**	**2**
C-G229	**$856**	225	10	**6185**	**27.7**	**3**	**15.8**	**4**	**88.5**	**12**	124.9	12
C-G227	**$839**	224	11	**6011**	**26.9**	**6**	15.4	11	**89.5**	**9**	135.8	9
BTS-1183	**$838**	224	12	**6082**	**27.3**	**5**	15.4	13	**89.3**	**10**	**137.4**	**8**
SX-2296N	**$836**	236	5	5256	22.4	13	**16.0**	**2**	**89.7**	**6**	**148.6**	**4**
C-G233	**$824**	226	8	5749	**25.5**	**9**	15.5	9	**89.6**	**7**	**154.9**	**1**
BTS-1330	$751	227	7	5252	23.3	12	**15.7**	**6**	**89.2**	**11**	**148.4**	**5**
HIL-2361	$734	225	9	5050	22.3	14	15.4	12	**89.5**	**8**	127.2	10
BTS-128N	$725	218	13	5611	**25.7**	**7**	**15.7**	**7**	87.7	13	**150.0**	**3**
BTS-123N	$649	217	14	5274	24.8	10	**15.8**	**3**	87.4	14	**139.4**	**7**
Average	$898.9	229.4		5959	25.9		15.63		89.75		137.61	
LSD 5%	463.6	n.s.		1405.3	4.7		0.6		4.4		18.8	
CV %	44.7	10.5		20.5	15.7		3.6		4.2		11.9	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial had crusting issues during emergence and was crust busted. Final emergence suffered slightly. Several plots were affected by deer damage. Yield and sugar were on par for a September harvest.

Plant to Stand

Gulick, Breckenridge - 2025

Trial Quality: Excellent
Planted: April 17
Harvested: September 16
Plots: 6 rows x 38 feet, 6 reps
Row Width: 22 inches
Seeding Rate: 4.1 inches

Soil Info: Clay Loam
Previous Crop: Wheat, Dairy Manure, Radish
Added N: Manure + 40 lbs. side-dress

Disease Pressure:
Cercospora: Low
Rhizoctonia: Low
Rainfall: 14.85 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Beets/100 feet.	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	Actual	Rank
BTS-1330	**$3,041**	**291**	**2**	**12137**	**41.7**	**2**	**17.3**	**3**	95.0	8	**204.6**	**7**
C-G229	**$2,860**	**290**	**4**	**11486**	**39.6**	**5**	16.8	8	**96.6**	**1**	**198.3**	**11**
BTS-128N	**$2,806**	**282**	**9**	**11705**	**41.6**	**3**	16.7	10	95.5	2	**208.6**	**4**
SX-2296N	**$2,734**	**298**	**1**	10596	35.6	11	**17.7**	**1**	95.1	7	**201.6**	**8**
C-G233	**$2,703**	**286**	**5**	11013	38.4	8	**17.0**	**4**	95.1	6	**205.3**	**6**
C-G206NT	$2,591	274	12	**11204**	**40.8**	**4**	16.4	13	95.1	5	**215.5**	**1**
BTS-1183	$2,588	272	14	**11377**	**41.9**	**1**	16.6	11	94.0	14	**208.9**	**3**
BTS-1276	$2,565	**282**	**8**	10651	37.7	9	**17.0**	**5**	94.5	12	174.1	14
C-G227	$2,503	276	10	10746	38.9	7	16.5	12	94.9	9	**200.6**	**10**
BTS-123N	$2,487	274	13	10778	39.3	6	16.3	14	95.4	3	**206.6**	**5**
HIL-2332NT	$2,462	**284**	**6**	10138	35.7	10	16.8	7	95.3	4	**201.3**	**9**
HIL-2361	$2,361	**283**	**7**	9802	34.7	12	**16.9**	**6**	94.9	11	183.6	13
HIL-2425NT	$2,313	**290**	**3**	9281	32.0	14	**17.3**	**2**	94.9	10	**211.5**	**2**
HIL-2471NT	$2,128	276	11	9145	33.2	13	16.8	9	94.1	13	192.1	12
Average	$2,581.5	282.7		10718	37.9		16.85		95.02		200.90	
LSD 5%	391.7	15.8		937.9	2.4		0.8		0.9		19.8	
CV %	13.2	4.9		7.6	5.4		4.2		0.8		8.6	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quaity Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial looked excellent all growing season. Quick emergence and early growth lead to overall crop health. The trial had above-average sugar and yield for a September harvest.

Plant to Stand
Lynch, Au Gres - 2025

Trial Quality: Fair
Planted: May 28
Harvested: November 5
Plots: 6 rows x 38 feet, 6 reps
Row Width: 22 inches
Seeding Rate: 4.1 inches

Soil Info: Silty Clay Loam
Previous Crop: Hay
Added N: 40 lbs. 2x2, 120 lbs. side-dress

Disease Pressure:
Cercospora: Low
Rhizoctonia: Low
Rainfall: 14.54 inches

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP		Beets/100 feet.	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank	Actual	Rank
BTS-1330	**$2,172**	**317**	**1**	**9947**	31.3	8	**18.6**	**1**	**95.4**	**3**	**197.4**	**7**
BTS-123N	**$2,166**	**307**	**4**	**10336**	**33.7**	**2**	**18.1**	**4**	**95.2**	**5**	**203.2**	**5**
BTS-128N	**$2,079**	295	14	**10445**	**35.4**	**1**	17.5	14	95.0	7	**206.2**	**2**
BTS-1183	**$2,006**	302	7	9764	32.3	4	**18.0**	**8**	94.9	9	**196.8**	**8**
C-G227	**$1,988**	299	12	**9793**	32.7	3	**18.1**	**6**	94.2	14	**204.0**	**4**
C-G229	**$1,985**	303	6	9640	31.9	7	17.7	11	**95.7**	**1**	184.3	12
C-G233	**$1,981**	301	8	9680	32.2	6	**18.0**	**9**	94.8	11	**209.8**	**1**
C-G206NT	$1,932	297	13	9604	32.3	5	17.8	10	94.7	12	**188.2**	**9**
BTS-1276	$1,917	**307**	**3**	9136	29.8	9	**18.2**	**3**	**95.1**	**6**	174.1	14
HIL-2332NT	$1,891	**310**	**2**	8916	28.8	10	**18.4**	**2**	94.9	8	186.1	11
SX-2296N	$1,754	300	10	8591	28.6	11	17.7	12	**95.4**	**4**	186.2	10
HIL-2425NT	$1,726	304	5	8321	27.3	13	**18.1**	**5**	94.9	10	**205.3**	**3**
HIL-2361	$1,708	300	9	8363	27.8	12	17.7	13	**95.5**	**2**	184.2	13
HIL-2471NT	$1,548	300	11	7607	25.4	14	**18.0**	**7**	94.5	13	**199.1**	**6**
Average	$1,918.1	303.0		9296	30.7		17.99		95.01		194.64	
LSD 5%	209.2	11.5		675.9	1.8		0.7		0.6		21.8	
CV %	9.5	3.3		6.3	5.2		3.4		0.6		9.7	

See Cercospora fungicide application (page 45) for applications.

Bold: Results are not statistically different from the top-ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Comments: This trial was the last to be planted and the last to be harvested. The trial had enough moisture to emerge, but then did not have enough precipitation to grow much early on. The trial had evidence of lygus bug during the growing season and root aphids were present at harvest.

Nursery Data

Rhizoctonia Nursery

Average of Two Years, 2024 & 2025

Location: USDA
Plot Size: 2 rows x 25 feet, 6 reps
Inoculation: Inoculated with Rhizoctonia Solani AG 2-2 IIIB

Variety	Root Rating* 0-7	Estimated Root Rot %
BTS-128N	**4.57**	**39.0**
BTS-123N	**4.66**	**41.3**
C-G206NT	**4.79**	**43.8**
SX-2296N	**4.80**	**45.0**
BTS-1330	**4.95**	**48.8**
HIL-2332NT	**4.96**	**48.8**
BTS-142N	**4.97**	**48.8**
C-G229	**4.98**	**48.8**
BTS-147N	**4.99**	**50.0**
BTS-1183	**5.02**	**51.3**
C-G487NT	**5.03**	**50.0**
HIL-2471NT	**5.03**	**51.3**
C-G473	**5.07**	**51.3**
BTS-1276	**5.07**	**53.8**
C-G400	**5.12**	**52.5**
HIL-2361	**5.15**	**53.8**
HIL-2425NT	5.28	56.3
C-G227	5.51	62.5
C-G448	5.53	63.8
C-G233	5.60	65.0
Average	5.05	51.26
LSD 5%	0.6	16.2
CV %	6.1	15.1

Bold: Results are not significantly different from the top ranking variety in each column.

*Rating System:

0 = No infection
1 = Less than 2% rotted roots
2 = Less than 5% rotted roots
3 = 5 to 25% rotted roots
4 = 26 to 50% rotted roots
5 = 51 to 75% rotted roots
6 = 76 to 95% rotted roots
7 = 100% rotted roots

During evaluations, roots were dug and assigned values from zero to seven. Each plot contained approximately 50 roots and each root was rated for all six replications.

Cercospora Nursery

Average of Two Years, 2024 & 2025

Locations:
2024 - SVREC & Blumfield
2025 - SVREC & Blumfield

Plot Size:
Blumfield East - 2 rows x 25 feet, 6 reps
SVREC - 2 rows x 20 feet, 6 reps

Inoculation: Trials were inoculated.

Variety	Avg. of 2 Years Cerc. Rate 0-9	2024 Cerc. Rate 0-9	2025 Cerc. Rate 0-9
BTS-1276	3.7	3.7	3.7
HIL-2425NT	4.0	4.0	3.9
HIL-2471NT	4.0	4.0	4.0
BTS-123N	4.1	3.9	4.3
C-G229	4.1	4.1	4.2
C-G206NT	4.3	4.1	4.4
BTS-142N	4.4	4.2	4.6
C-G400	4.5	4.5	4.5
C-G473	4.5	4.8	4.2
C-G487NT	4.6	4.4	4.8
BTS-1330	4.6	4.3	5.0
Resistant Check	4.7	4.8	4.5
BTS-128N	4.7	4.5	4.9
BTS-147N	4.8	4.5	5.1
HIL-2361	5.0	5.1	4.9
C-G233	5.1	4.6	5.5
C-G448	5.3	4.8	5.8
BTS-1183	5.3	4.8	5.8
C-G227	5.3	4.8	5.9
SX-2296N	5.6	5.7	5.6
HIL-2332NT	5.8	5.7	5.9
Susceptible Check	6.4	6.4	6.4
Average	4.76	4.62	4.91

Cercospora Rating (0-9 Scale): 0 = No spots, 1 = Very few spots, 2 = Up to 10 spots/leaf, 2.5 = Up to 50 spots/leaf, 3 = 100 to 200 spots/leaf (approx. 3% leaf injury), 4 = Up to 10 % injury, 5 = Up to 25 % injury, 6 = Up to 50% injury, 7 = up to 75% injury, 8 = Up to 90% injury, 9 = Leaves completely dead.

Cyst Nematode Nursery

Average of Two Years, 2024 & 2025

Locations: 2024 - Wadsworth
2025 - Wadsworth
Plot Size: 2024 - 2 rows x 38 feet, 6 reps
Plot Size: 2025 - 2 rows x 38 feet, 6 reps

Variety	$/A*	RWST		RWSA	Yield		Sugar		CJP	
		Lb./Ton	Rank		T/A	Rank	%	Rank	%	Rank
HIL-2332NT	$1,001	1643	7	4638	24.5	8	14.9	5	96.9	1
SX-2296N	$997	1418	8	4914	24.9	7	14.9	4	95.9	5
BTS-147N	$994	1876	6	4607	25.8	5	14.7	6	96.6	2
HIL-2425NT	$974	1955	2	4594	26.4	4	15.1	1	95.3	10
HIL-2471NT	$950	1938	4	4704	27.3	1	15.0	2	95.1	11
BTS-123N	$850	1954	3	4462	27.2	2	14.5	7	95.9	6
BTS-142N	$848	854	10	4660	21.8	10	14.9	3	95.9	8
C-G487NT	$730	1135	9	4371	23.2	9	14.1	9	96.2	4
BTS-128N	$714	2071	1	3775	25.3	6	14.2	8	95.5	9
C-G206NT	$651	1935	5	4052	27.0	3	13.7	10	96.3	3
Susceptible Check	$573	545	11	4317	21.3	11	13.5	11	95.9	7
Average	$843.7	1574.9		4463.1	24.97		14.50		95.93	
LSD 5%	n.s.	n.s.		n.s.	n.s.		n.s.		n.s.	
CV %	28.5	46.6		10.2	15.0		4.9		0.8	

Bold: Results are not statistically different from the top ranking variety in each column.

*$/A is calculated using the new Quality Payment System incorporating financial values from the post-harvest forecast.

Root Aphid Nursery

Magno Seed, LLC & KWS

Average of Two Years, 2024 & 2025

Variety	% Infected
BTS-147N	0.5
C-G487NT	0.8
HIL-2425NT	0.8
BTS-128N	0.8
C-G206NT	1.0
HIL-2332NT	1.2
BTS-123N	1.3
C-G473	1.5
C-G448	1.5
C-G233	1.7
HIL-2361	1.8
C-G400	1.9
HIL-2471NT	2.0
BTS-1183	2.0
BTS-142N	2.2
BTS-1330	2.5
C-G227	3.0
BTS-1276	3.8
SX-2296N	3.9
C-G229	4.8
Susceptible Check	5.0
Resistant Check	20.7
Average	3.0
LSD 5%	n.s.
CV %	178.0

Magno Seed, LLC conducts a replicated field trial (plots four rows x 30 feet).

KWS conducts a greenhouse trial.

Beets are rated for root aphids at harvest.

Bold: Results are not statistically different from the top ranking variety in each column.

Aphanomyces Nursery

Magno Seed, LLC & KWS

Average of Two Years, 2024 & 2025

Variety	Root Rating 1 - 9 Scale	Canopy Rating 1 - 9 Scale	Stand Loss 1 - 5 Scale
BTS-147N	**2.6**	**2.6**	1.0
BTS-1183	**2.7**	**2.8**	1.0
BTS-128N	**2.7**	**2.7**	1.0
C-G206NT	**2.8**	**3.3**	1.0
BTS-1330	**2.8**	**4.0**	1.0
BTS-123N	**2.9**	**2.6**	1.0
C-G227	**3.0**	**3.8**	1.0
C-G229	**3.1**	**4.0**	1.0
C-G473	**3.1**	**4.1**	1.0
BTS-142N	**3.2**	**3.9**	1.0
HIL-2425NT	**3.3**	5.9	1.0
Resistant Check	**3.4**	**3.1**	1.0
C-G400	**3.4**	**3.6**	1.0
C-G233	**3.5**	**3.4**	1.0
SX-2296N	**3.5**	**4.2**	1.0
C-G448	**3.6**	4.5	1.0
BTS-1276	**3.6**	**4.2**	1.0
HIL-2332NT	**3.8**	**4.0**	1.0
C-G487NT	4.1	**3.1**	1.0
HIL-2361	4.2	4.6	1.0
HIL-2471NT	4.8	5.7	1.0
Susceptible Check	4.9	5.6	1.0
Average	3.40	3.89	1.00

Root and Canopy Ratings (1 - 9 scale): 1 = Very little damage, 2 = Up to 20% damage, 4 = Up to 60% damage, 6 = Up to 70% damage and 8 = Up to 90% damage.

Stand Rating (1 - 5 scale): 1 = Up to 20% loss, 2 = Up to 40% loss, 3 = Up to 60% loss, 4 = Up to 80% loss, and 5 = Up to 100% loss.

Note: Root rating is the average of Magno Seed, LLC and KWS ratings. Foliar ratings and stand loss are from KWS only.

Rhizomania Nursery

USDA, Kimberly, Idaho

Average of Two Years, 2023 & 2024

Location: Kimberly, Idaho
Plot Size: 2 rows x 24 feet, 6 reps

Variety	Root Rating 0-9	RWSA	% Sugar	T/A	Foliar Rating 0-100
BTS-1122	**2.0**	**12753**	**17.3**	**42.8**	**1.9**
C-G206NT	**2.1**	**12593**	17.0	**42.7**	**0.9**
C-G233	**2.3**	**11868**	**17.5**	**39.3**	**1.3**
C-G214NT	**2.4**	11145	**17.3**	37.2	**2.8**
BTS-1183	**2.4**	11359	**17.4**	37.6	**33.5**
BTS-128N	**2.4**	10630	16.6	36.9	**1.6**
BTS-123N	**2.4**	10626	16.7	36.6	**2.8**
BTS-1276	2.5	11182	**17.7**	36.2	**3.0**
HIL-2332NT	2.7	10348	**17.6**	33.8	**0.6**
HIL-2471NT	2.7	9764	16.7	34.1	**2.9**
C-G229	2.7	10268	**17.8**	33.0	**2.0**
HIL-2425NT	2.7	10007	17.2	33.8	**0.9**
BTS-1330	2.7	10378	**18.0**	32.9	**7.6**
C-G227	2.7	9957	17.2	33.6	69.1
SX-2296N	2.7	10024	**17.4**	33.1	**14.9**
HIL-2361	3.2	8079	17.1	27.0	**32.1**
Resistant Check	4.4	3994	14.8	15.7	100.0
Average	2.6	10292.7	17.14	34.48	16.32
LSD 5%	0.4	1275.4	0.7	4.3	33.7
CV %	6.5	5.9	1.9	5.9	97.5

Root Rating (1-9 scale): 1 = Very little damage, 2 = Up to 20% damage, 4 = Up to 60% damage, 6 = Up to 75% damage and 8 = Up to 90% damage.

Foliar Rating: 0 = Best, 100 = Worst.

Bold: Results are not statistically different from the top ranking variety in each column.

Fusarium Nursery

American Crystal Sugar Company

Average of Two Years, 2024 & 2025

Evaluated: Four evaluation dates toward end of season
Plot Size: 2 rows x 17 feet, 4 reps

Variety	Avg. of 2 Years Rating 1-9	2024 Rating 1-9	2025 Rating 1-9
C-G473	1.3	1.5	1.1
C-G233	1.5	1.5	1.4
BTS-1276	1.5	1.6	1.4
BTS-1330	1.5	1.7	1.2
C-G448	1.6	2.0	1.2
BTS-128N	1.7	1.7	1.6
C-G229	1.7	1.8	1.5
BTS-123N	1.7	1.8	1.6
C-G227	1.8	1.7	1.8
C-G400	1.8	2.0	1.6
BTS-147N	1.8	2.1	1.5
C-G206NT	1.8	1.8	1.8
BTS-1183	1.8	1.9	1.7
BTS-142N	2.0	2.2	1.8
C-G487NT	2.1	2.4	1.8
SX-2296N	3.0	3.4	2.7
HIL-2361	3.2	3.3	3.0
HIL-2332NT	3.4	3.7	3.2
HIL-2425NT	4.1	4.8	3.4
HIL-2471NT	4.3	5.4	3.2
Average	2.17	2.42	1.92

Foliar Rating (1-9 scale): 1 = Very little damage, 2 = Up to 20% damage, 4 = Up to 60% damage, 6 = Up to 75% damage, and 8 = Up to 90% damage. Values are an average of four ratings.

Official Variety and Plant to Stand Trials

Michigan Sugar Company

Location Information

	Breckenridge	Au Gres	Ruth	Perrinton	Richville	Pigeon
Grower	Gulick	Lynch	Maurer	Mininger	SVREC	Trost
Trial Quality	OVT - Excellent PTS - Excellent	Fair	Good	OVT - Good PTS - Fair	Fair	Good
Planted	April 17	May 25	May 9	April 16	April 22	May 13
Harvested	OVT & PTS - September 16	November 5	October 9	OVT & PTS - September 23	September 30	November 3
Soil Texture	Clay Loam	Silty Clay Loam	Silt/Sandy Loam	Sandy Loam	Loam	Clay Loam
Soil pH	7.3	7.9	7.3	7.0	7.8	6.0
Soil OM	3.1%	5.9%	3.7%	2.2%	2.0%	3.1%
Phosphorus	49	89	61	146	46	51
Potassium	166	322	167	128	131	177
Magnesium	275	415	280	155	275	200
Manganese	32	32	31	29	29	25
Boron	1.2	1.6	1.3	0.7	0.7	0.6
Zinc	4.8	12.7	7.1	6.1	6.1	5.0
Nitrogen Added	40 lbs. side-dress	40 lbs. 2x2 + 120 lbs. side-dress	40 lbs. 2x2 + 120 lbs. side-dress	Manure + 40 lbs. 2x2 + 40 lbs. side-dress	100 lbs. fall applied N. (AMS) + 40 lbs. 2x2	40 lbs. 2x2
Seasonal Rainfall						
April	0.62			0.63	0.13	
May	4.48	0.15	0.97	3.77	4.03	0.95
June	3.11	3.46	2.85	3.23	3.47	3.67
July	3.25	5.63	5.35	1.58	3.35	2.90
August	2.46	0.68	1.93	3.96	3.71	3.43
September	0.93	1.53	1.93	1.08	1.55	1.45
October		2.96	0.91			3.27
November		0.13				0.02
Total	14.85	14.54	13.94	14.25	16.24	15.69

PIONEER • BIG CHIEF
MICHIGAN SUGAR

Official Variety Trials

Cercospora Fungicides Application Dates and Products

Location	Treatment 1**	Treatment 2**	Treatment 3**	Treatment 4**
Gulick	6/26 - Revytek, EBDC*	7/10 - Super Tin, Topsin, EBDC*	7/23 - Inspire XT, EBDC*	8/4 - Super Tin, EBDC*
Lynch	7/10 - Revytek, EBDC*	7/22 - Super Tin, Topsin, EBDC*	8/4 - Inspire XT, EBDC*	8/18 - Super Tin, EBDC*
Maurer	6/30 - Revytek, EBDC*	7/15 - Super Tin, Topsin, EBDC*	7/30 - Inspire XT, EBDC*	8/11 - Super Tin, EBDC*
Mininger	6/26 - Revytek, EBDC*	7/10 - Super Tin, Topsin, EBDC*	7/23 - Inspire XT, EBDC*	8/4 - Super Tin, EBDC*
SVREC	6/27 - Revytek, EBDC*	7/14 - Super Tin, Topsin, EBDC*	7/28 - Inspire XT, EBDC*	8/8 - Super Tin, EBDC*
Trost	6/30 - Revytek, EBDC*	7/11 - Super Tin, Topsin, EBDC*	7/24 - Inspire XT, EBDC*	8/6 - Super Tin, EBDC*

Location	Treatment 5**	Treatment 6**	Treatment 7**	Treatment 8**
Gulick	8/21 - Delaro, Proline, EBDC*	9/4 - Badge, Propulse, EBDC*		
Lynch	9/2 - Propulse, EBDC*			
Maurer	8/22 - Delaro, Proline, EBDC*	9/9 - Super Tin, EBDC*		
Mininger	8/21 - Delaro, Proline, EBDC*	9/4 - Badge, Propulse, EBDC*		
SVREC	8/21 - Delaro, Proline, EBDC*	9/4 - Super Tin, EBDC*		
Trost	8/22 - Delaro, Proline, EBDC*	9/8 - Super Tin, EBDC*		

EBDC* = Manzate Pro-Stick
**MasterLock included in all treatments.

Presented In Partnership

MICHIGAN STATE UNIVERSITY | AgBioResearch

MICHIGAN STATE UNIVERSITY | Extension

UNIVERSITY of GUELPH

USDA

PIONEER • BIG CHIEF MICHIGAN SUGAR

Sugarbeet Advancement

MICHIGAN SUGARBEET REACh

Research & Education Advisory Council

Education

(Publications, meetings, seminars, web resources, clinics, reporting sessions.)

Michigan Sugar Company
122 Uptown Drive, Suite 300
Bay City, MI 48708

Brought to you by:

PIONEER • BIG CHIEF
MICHIGAN SUGAR