

2011 Variety Guide

American Crystal Area



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TM

2010 Strip Trial Data

Cavalier, ND Morrison's	Planted: April 23rd			Harvested: Oct 8th		
	Tons	% Sugar	LTM	Sugar/ Ton	\$/Ton	Rev/Acre
Hilleshög 4012RR*	30.6	18.3	0.97	347	\$50.59	\$ 1,547
Hilleshög 4022RR* CruiserMaxx®	30.8	18.2	1.00	345	\$50.13	\$ 1,543
Hilleshög 4022RR*	30.0	18.4	1.02	348	\$51.04	\$ 1,533
Hilleshög 4022RR* Poncho® Beta	30.7	18.3	1.09	343	\$49.82	\$ 1,532
Hilleshög 9298RR*	28.7	18.7	0.87	357	\$53.11	\$ 1,524
Hilleshög 4094RR*	30.0	18.2	1.03	343	\$49.65	\$ 1,490
SES VDH 813RR	29.8	17.7	0.92	336	\$48.02	\$ 1,429
Crystal 658RR	29.5	17.6	0.87	336	\$47.86	\$ 1,412
Plot Average	30.0	18.2	0.97	344	\$50.03	\$ 1,501

Drayton, ND Weinlaeder	Planted: April 27th			Harvested: Oct 15th		
	Tons	% Sugar	LTM	Sugar/ Ton	\$/Ton	Rev/Acre
Hilleshög 4094RR*	20.0	19.8	1.06	376	\$56.75	\$ 1,132
Hilleshög 4012RR*	19.6	20.0	1.01	379	\$57.65	\$ 1,132
Hilleshög 4022RR* CruiserMaxx®	18.9	20.2	1.07	382	\$58.31	\$ 1,102
Hilleshög 4022RR* Poncho® Beta	18.2	20.0	1.10	379	\$57.58	\$ 1,052
Crystal 658RR	19.6	19.0	0.92	361	\$53.29	\$ 1,043
Average	19.1	19.9	1.0	378	\$58.29	\$ 1,114

Buxton, ND Grove's	Planted: April 21st			Harvested: Oct 4th		
	Tons	% Sugar	LTM	Sugar/ Ton	\$/Ton	Rev/Acre
Hilleshög 4022RR*	29.5	18.3	0.84	348	\$50.99	\$ 1,452
Hilleshög 4094RR*	26.1	18.4	0.90	351	\$51.58	\$ 1,298
Hilleshög 4094RR* Tach 45	25.6	18.4	0.89	350	\$51.44	\$ 1,272
Crystal 658RR	27.9	17.1	0.86	325	\$45.34	\$ 1,221
Hilleshög 4012RR*	23.7	18.6	0.90	354	\$52.35	\$ 1,199
SES VDH 813	22.1	17.7	0.89	336	\$47.87	\$ 1,018
Plot Average	25.8	18.1	0.88	344	\$49.93	\$ 1,244

Glyndon, MN Borgen's	Planted: April 21st			Harvested: Oct 1st		
	Tons	% Sugar	LTM	Sugar/ Ton	\$/Ton	Rev/Acre
Hilleshög 4094RR*	28.5	18.8	0.86	359	\$53.61	\$ 1,477
SES VDH 813	28.4	18.7	0.78	357	\$53.27	\$ 1,459
Hilleshög 4022RR* CruiserMaxx®	29.1	18.4	0.90	350	\$51.44	\$ 1,443
Hilleshög 4022RR*	29.0	18.5	1.02	350	\$51.34	\$ 1,437
Hilleshög 4022RR* Poncho® Beta	28.7	18.4	1.02	347	\$50.59	\$ 1,402
Hilleshög 4012RR*	27.7	18.2	0.80	348	\$50.94	\$ 1,363
Crystal 658	27.2	18.1	0.71	348	\$50.89	\$ 1,338
Plot Average	28.4	18.4	0.87	351	\$51.73	\$ 1,417

Dilworth, MN Nelson's	Planted: April 22rd			Harvested: Oct 6th		
	Tons	% Sugar	LTM	Sugar/ Ton	\$/Ton	Rev/Acre
Hilleshög 4094RR*	32.3	18.7	0.95	356	\$52.84	\$ 1,709
Hilleshög 4022RR*	29.6	18.1	1.00	342	\$49.51	\$ 1,466
Hilleshög 4022RR* Poncho® Beta	28.9	18.3	0.95	346	\$50.49	\$ 1,460
Hilleshög 4022RR* CruiserMaxx®	28.2	18.4	0.89	351	\$51.67	\$ 1,459
Hilleshög 9298RR*	27.8	18.5	0.86	353	\$52.17	\$ 1,450
Plot Average	29.4	18.4	0.93	350	\$51.34	\$ 1,509

* Varieties listed containing the H7-1 event are not being offered for sale and will not be available until all regulatory approvals are received.



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2011 Varieties for American Crystal

4022RR*

RHIZOCTONIA AND APHANOMYCES SPECIALTY VARIETY

- Overall AC trial leading 2.4 Rhizoctonia rating (09)
- Tonnage type, stacked disease-tolerant variety
- 4.8 Aphanomyces rating (09)

RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4094RR*

VARIETY DEVELOPED FROM WIDELY SUCCESSFUL 3035RZ GENETICS!

- Stellar Rhizoctonia variety, 2.6 rating (09)
- Superb 4.4 Aphanomyces rating (09)
- Stacked disease tolerance variety with proven on-farm performance

RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4012RR*

FIELD PROVEN, EXCELLENT PERFORMANCE

- 109% Revenue/Acre (09)
- High-tonnage variety
- Aphanomyces specialty variety, 4.4 variety rating (09)

RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4010RR*

YEAR AFTER YEAR, TOP NOTCH IN FIELD PERFORMANCE

- Excellent quality, 108% (09)
- Solid Revenue/Acre, 105% (09)

RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4195RR*

HIGH-SUGAR VARIETY!

- Rhizoctonia tolerance
- High-tonnage variety
- Excellent Aphanomyces 4.29 (09)
- 106% Revenue/Acre (09)



RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

- Highly recommended
- Recommended in most situations
- Use with appropriate management or consider other options
- Not recommended

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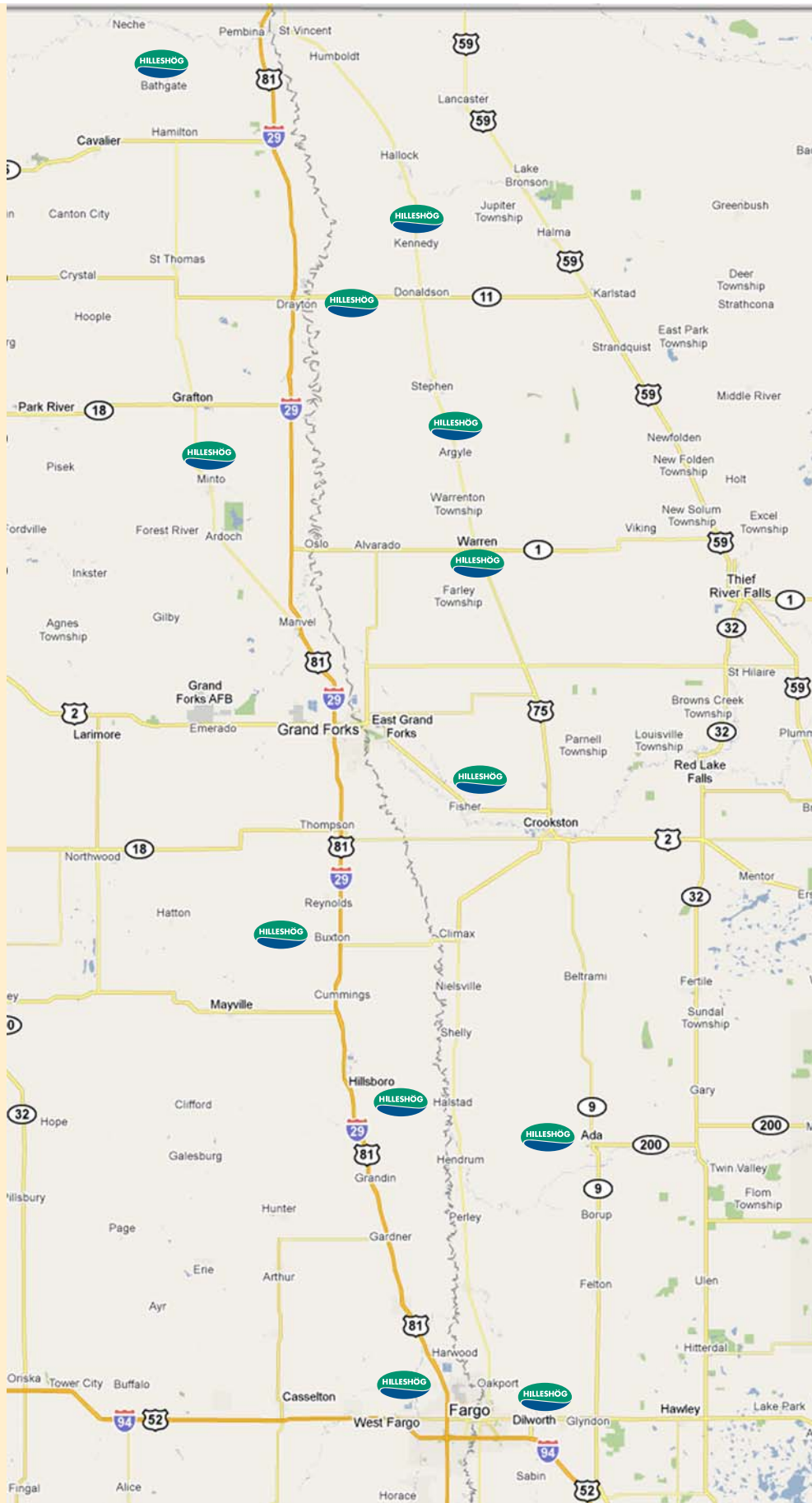
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