

2011 Variety Guide

Southern Minnesota Area



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2010 Coded Trial Data (Sorted by 3 yr Yield/Acre)
Includes Disease Ratings

	Rec/T (lbs)		Rec/A (lbs)		% ES		Yield (T/A)		Sugar %		Cercospora Leaf Spot		Emergence (%)		Aphanomyces		Rhizoctonia 2009
	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	
Hilleshog 9093RR*	263.24	98.21	8742.72	101.18	13.12	98.01	33.35	103.32	15.59	98.71	4.41	92.92	71.48	106.18	4.14	92.48	3.15
Hilleshog 4063RR*	262.80	98.04	8665.70	100.29	13.12	97.98	33.18	102.79	15.57	98.56	4.37	92.26	73.17	108.69	4.35	97.21	2.85
Beta 95RR03	260.57	97.21	8585.45	99.36	13.02	97.26	32.98	102.18	15.44	97.72	4.66	98.20	61.45	91.28	4.33	96.62	3.67
Crystal RR265	268.55	100.19	8869.36	102.64	13.37	99.87	32.91	101.95	15.86	100.40	4.44	93.67	63.68	94.59	4.32	96.42	3.50
Beta 97RR37	266.66	99.48	8746.05	101.22	13.33	99.57	32.65	101.13	15.79	99.97	4.90	103.33	70.10	104.13	4.38	97.83	4.38
Beta 98RR08	274.54	102.43	8917.88	103.20	13.73	102.53	32.50	100.69	16.06	101.68	4.25	89.65	67.67	100.52	4.32	96.43	3.92
SV 36835RR	265.86	99.19	8549.69	98.94	13.28	99.14	32.29	100.03	15.58	98.60	5.13	108.11	69.54	103.30	4.35	97.18	2.80
Crystal RR805	269.16	100.42	8567.75	99.15	13.43	100.32	32.09	99.42	15.80	100.04	4.87	102.77	68.90	102.35	4.58	102.36	3.68
Crystal RR850	269.77	100.65	8657.38	100.19	13.47	100.61	32.07	99.34	15.88	100.50	5.17	109.06	68.99	102.48	4.38	97.71	3.68
Hilleshog 4017RR*	270.59	100.95	8474.30	98.07	13.52	100.96	31.53	97.68	15.98	101.15	5.28	111.42	69.29	102.92	4.80	107.15	4.36
Hilleshog 4096RR*	266.67	99.49	8401.27	97.23	13.36	99.74	31.50	97.58	15.79	99.93	3.97	83.80	66.27	98.44	4.85	108.30	2.94

2010 Coded Trial Data (Sorted Rhizoctonia Rating)
Includes Disease Ratings

	Rec/T (lbs)		Rec/A (lbs)		% ES		Yield (T/A)		Sugar %		Cercospora Leaf Spot		Emergence (%)		Aphanomyces		Rhizoctonia 2009
	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	
Hilleshog 4063RR*	262.80	98.04	8665.70	100.29	13.12	97.98	33.18	102.79	15.57	98.56	4.37	92.26	73.17	108.69	4.35	97.21	2.85
Hilleshog 4096RR*	266.67	99.49	8401.27	97.23	13.36	99.74	31.50	97.58	15.79	99.93	3.97	83.80	66.27	98.44	4.85	108.30	2.94
Hilleshog 9093RR*	263.24	98.21	8742.72	101.18	13.12	98.01	33.35	103.32	15.59	98.71	4.41	92.92	71.48	106.18	4.14	92.48	3.15
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Beta 97RR37	266.66	99.48	8746.05	101.22	13.33	99.57	32.65	101.13	15.79	99.97	4.90	103.33	70.10	104.13	4.38	97.83	4.38

2010 Coded Trial Data (Sorted Emergence %)
Includes Disease Ratings

	Rec/T (lbs)		Rec/A (lbs)		% ES		Yield (T/A)		Sugar %		Cercospora Leaf Spot		Emergence (%)		Aphanomyces		Rhizoctonia 2009
	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	3 yr Avg	% of mean	
Hilleshog 4063RR*	262.80	98.04	8665.70	100.29	13.12	97.98	33.18	102.79	15.57	98.56	4.37	92.26	73.17	108.69	4.35	97.21	2.85
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* 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 Southern Minnesota

9093RR*

HIGH PERFORMING RHIZOCTONIA VARIETY

- Rhizoctonia-tolerant specialty variety 3.15 rating in 2009
- Top yielding performer
- #1 Aphanomyces tolerant variety, 4.14 – 3 year
- Very strong disease package with high sugar yield

RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4017RR*

PROVEN FIELD PERFORMER

- Good Aphanomyces tolerance, 4.35 - 3 year
- Excellent Quality 101% Sugar/Ton, 3 year
- High-sugar variety
- Proven performer since 2008
- Good in low to moderate disease areas

EMERGENCE
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4063RR*

STACKED DISEASE PACKAGE WITH HIGH YIELD

- High Rhizoctonia tolerance, 2.85 in 2009
- Excellent yield performance, 103% - 3 year
- #1 emerging approved variety, 109% - 3 year
- Good Aphanomyces tolerance, 4.35 - 3 year





RHIZOCTONIA
APHANOMYCES
CERCOSPORA
SUGAR
YIELD

4096RR*

RHIZOCTONIA, CERCOSPORA, AND ROOT APHID TOLERANCE

- Good in low to moderate disease areas
- Strong Rhizoctonia tolerance, 2.94 in 2009
- High sugar per ton with stacked disease tolerance
- #1 Approved Cercospora tolerant variety, 3.97 – 3 year
- Added benefit of Root Aphid tolerance

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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Syngenta's Hillesehög® brand would like to congratulate Southern Minnesota Beet Sugar Coop members on another successful 2010 Sugarbeet crop. We are very pleased to have been a part of that success by delivering high performing varieties with excellent emergence and disease tolerance packages.

Infection caused by Rhizoctonia Root and Crown Rot has again been identified as a major concern in the Southern Minnesota growing region. Infection caused by Rhizoctonia can lead to severe stand loss, yield loss, a reduction in quality, poor harvest-ability, and storage problems in the pile. Syngenta's Hillesehög brand is your leader in Rhizoctonia tolerance with varieties such as 9093RR*, 4063RR*, and 4096RR* that are your first choice in controlling the devastating effects of Rhizoctonia infection.

Our strong lineup of varieties for 2011 will once again provide you a foundation for success combining industry leading Rhizoctonia tolerance with the seed quality you expect.

I thank you for your business and look forward to working with you in 2011!

Mitch Wilson
District Sales Manager

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