

2025 Performance of Approved RR Varieties - ACSC Official Trials  
12 sites

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	324.3	99	11348	103	62.57	98	2179	101	35.15	17.23	1.01	16.22	74.6
BTS 8034	122	314.0	96	11001	100	58.73	92	2051	95	35.17	16.83	1.14	15.69	67.5
BTS 8156	118	323.9	99	11082	100	62.42	97	2130	99	34.30	17.27	1.07	16.20	69.7
BTS 8226	117	335.9	102	11373	103	66.83	104	2256	105	33.98	17.74	0.95	16.79	72.5
BTS 8270	116	333.1	101	11114	101	65.80	103	2189	102	33.49	17.64	0.99	16.65	65.3
BTS 8365	120	338.7	103	10770	97	67.89	106	2151	100	31.93	17.91	0.98	16.93	63.8
BTS 8927 (CommBench)	115	333.0	101	11262	102	65.76	103	2215	103	33.99	17.63	0.98	16.65	72.6
Crystal 022	105	336.4	102	11185	101	67.03	104	2216	103	33.44	17.80	0.98	16.82	73.9
Crystal 130	110	330.8	101	11312	102	64.94	101	2213	103	34.35	17.54	1.00	16.54	70.6
Crystal 138	119	331.7	101	11297	102	65.28	102	2216	103	34.18	17.59	1.00	16.59	68.4
Crystal 260	104	330.7	101	11333	103	64.91	101	2219	103	34.39	17.48	0.95	16.53	70.5
Crystal 269	107	333.0	101	11455	104	65.76	103	2253	105	34.53	17.74	1.09	16.65	68.6
Crystal 361	111	337.2	103	11455	104	67.32	105	2282	106	34.09	17.80	0.94	16.86	74.0
Crystal 369	109	326.6	99	11445	104	63.41	99	2214	103	35.20	17.43	1.10	16.33	68.1
Crystal 793	112	328.2	100	11427	103	64.00	100	2220	103	34.97	17.40	0.99	16.41	74.5
Crystal 912	102	311.9	95	11742	106	57.95	90	2174	101	37.79	16.66	1.07	15.59	74.3
Hilleleshög HIL2389 (CommBench)	103	326.0	99	10945	99	63.20	99	2116	98	33.70	17.31	1.01	16.30	67.5
Hilleleshög HIL2479	101	324.7	99	10751	97	62.71	98	2067	96	33.24	17.30	1.06	16.24	72.1
Hilleleshög HIL2480 **	113	319.8	97	10818	98	60.90	95	2052	95	33.98	17.19	1.20	15.99	69.3
Maribo MA717	121	316.2	96	11043	100	59.56	93	2065	96	35.19	16.89	1.08	15.81	64.1
SX 1815	108	324.6	99	10925	99	62.66	98	2097	98	33.85	17.25	1.02	16.23	64.8
SX 1835 **	114	317.2	97	11469	104	59.93	93	2160	100	36.25	16.96	1.10	15.86	72.3
SV 231	123	319.5	97	11491	104	60.80	95	2179	101	36.07	17.02	1.04	15.98	75.2
BTS 8815 (CommBench)	124	328.2	100	10786	98	63.99	100	2095	97	33.02	17.47	1.06	16.41	71.0
Crystal 803 (CommBench)	125	327.2	100	11202	101	63.64	99	2174	101	34.32	17.36	1.00	16.36	74.7
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	338.7	103	11469	104	67.86	106	2290	107	34.01	17.86	0.92	16.94	73.5
BTS 8457	202	333.0	101	11344	103	65.74	102	2228	104	34.30	17.54	0.90	16.65	72.6
Crystal 364	226	317.6	97	11497	104	60.09	94	2162	101	36.45	16.96	1.07	15.89	77.6
Crystal 470	213	325.9	99	11623	105	63.15	98	2247	105	35.77	17.29	0.98	16.31	73.1
Crystal 471	217	335.9	102	11370	103	66.82	104	2251	105	34.05	17.74	0.95	16.79	69.2
Hilleleshög HIL2493 **	220	317.7	97	11486	104	60.14	94	2164	101	36.34	16.95	1.06	15.89	73.0
SV 345 **	219	318.4	97	11366	103	60.41	94	2147	100	35.87	17.00	1.07	15.93	69.5
Comm Benchmark Mean		328.6		11049		64.15		2150		33.76	17.44	1.01		71.5
Comm Trial Mean		326.7		11231		63.44		2171		34.55	17.36	1.03		70.7
Coeff. of Var. (%)		2.6		5.7		4.9		7.0		5.4	2.2	7.8		13.1
Mean LSD (0.05)		5.0		326		1.86		84		0.91	0.23	0.04		3.0
Mean LSD (0.01)		6.6		429		2.44		111		1.19	0.31	0.06		4.0
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from 12 sites

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Casselton ND

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	315.7	98	12711	104	59.37	96	2388	101	40.30	16.72	0.94	15.78	81.8
BTS 8034	122	316.0	98	12901	105	59.48	96	2432	103	40.79	16.81	1.01	15.80	71.6
BTS 8156	118	328.1	102	13004	106	63.98	103	2536	108	39.61	17.41	1.00	16.41	70.7
BTS 8226	117	336.7	104	13632	111	67.13	108	2719	116	40.43	17.70	0.87	16.83	74.1
BTS 8270	116	327.5	102	12852	105	63.74	103	2502	106	39.39	17.29	0.90	16.39	69.6
BTS 8365	120	331.7	103	12534	102	65.31	106	2468	105	37.79	17.52	0.93	16.59	67.2
BTS 8927 (CommBench)	115	321.6	100	12849	105	61.57	100	2459	105	39.90	17.07	0.99	16.08	78.3
Crystal 022	105	331.8	103	13173	107	65.32	106	2589	110	39.74	17.52	0.94	16.58	78.9
Crystal 130	110	325.5	101	12933	105	63.01	102	2504	106	39.69	17.21	0.93	16.28	75.2
Crystal 138	119	328.0	102	13318	109	63.94	103	2596	110	40.55	17.37	0.98	16.39	71.8
Crystal 260	104	319.0	99	12678	103	60.60	98	2408	102	39.75	16.89	0.93	15.96	71.1
Crystal 269	107	324.6	101	13469	110	62.68	101	2605	111	41.37	17.33	1.09	16.24	76.3
Crystal 361	111	329.1	102	13378	109	64.33	104	2616	111	40.61	17.34	0.88	16.46	80.4
Crystal 369	109	317.1	98	13061	107	59.91	97	2467	105	41.19	16.90	1.05	15.85	69.4
Crystal 793	112	328.0	102	13661	111	63.92	103	2661	113	41.62	17.25	0.86	16.39	76.2
Crystal 912	102	301.2	93	13410	109	54.02	87	2403	102	44.55	16.10	1.04	15.06	80.1
Hilleshög HIL2389 (CommBench)	103	320.8	99	12203	100	61.26	99	2331	99	38.04	16.94	0.90	16.04	72.7
Hilleshög HIL2479	101	315.2	98	11211	91	59.18	96	2106	90	35.63	16.91	1.15	15.76	72.6
Hilleshög HIL2480 **	113	307.3	95	10633	87	56.28	91	1952	83	34.56	16.57	1.20	15.37	73.1
Maribo MA717	121	305.2	95	11033	90	55.49	90	2005	85	36.22	16.34	1.08	15.26	72.5
SX 1815	108	320.9	100	12493	102	61.28	99	2383	101	39.02	16.94	0.90	16.04	69.6
SX 1835 **	114	309.5	96	11403	93	57.08	92	2109	90	36.71	16.48	1.01	15.47	79.0
SV 231	123	315.4	98	12142	99	59.27	96	2279	97	38.60	16.77	1.00	15.77	74.1
BTS 8815 (CommBench)	124	324.6	101	11849	97	62.68	101	2291	97	36.45	17.22	0.99	16.23	76.0
Crystal 803 (CommBench)	125	322.8	100	12142	99	62.00	100	2331	99	37.54	17.14	1.00	16.14	82.3
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	331.8	103	12778	104	65.31	106	2504	106	38.91	17.47	0.91	16.55	72.6
BTS 8457	202	316.4	98	12443	101	59.67	96	2340	99	39.66	16.74	0.95	15.79	75.9
Crystal 364	226	306.5	95	12877	105	56.03	91	2348	100	42.12	16.36	1.03	15.33	77.7
Crystal 470	213	320.0	99	13216	108	60.99	99	2560	109	40.72	16.97	0.98	15.99	74.1
Crystal 471	217	331.4	103	12766	104	65.16	105	2499	106	38.61	17.46	0.90	16.56	73.2
Hilleshög HIL2493 **	220	305.6	95	11375	93	55.70	90	2060	88	37.59	16.34	1.07	15.27	74.9
SV 345 **	219	306.9	95	11262	92	56.18	91	2060	88	36.79	16.46	1.13	15.33	74.4
Comm Benchmark Mean		322.5		12261		61.88		2353		37.98	17.09	0.97		77.3
Comm Trial Mean		320.6		12631		61.20		2411		39.39	17.01	0.98		74.8
Coeff. of Var. (%)		2.6		5.3		5.0		6.7		4.8	2.3	7.0		11.8
Mean LSD (0.05)		7.6		620		2.81		150		1.70	0.35	0.06		7.6
Mean LSD (0.01)		10.0		817		3.70		198		2.24	0.47	0.08		10.0
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Casselton ND

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Averill MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	304.8	100	9266	101	55.34	100	1693	101	30.33	16.52	1.29	15.23	68.0
BTS 8034	122	282.3	92	8777	96	47.00	85	1452	87	31.26	15.60	1.49	14.11	61.2
BTS 8156	118	302.3	99	8840	96	54.42	98	1598	96	29.32	16.49	1.37	15.12	72.2
BTS 8226	117	320.0	105	9208	100	60.97	110	1752	105	28.74	17.20	1.20	16.00	64.0
BTS 8270	116	317.3	104	8703	95	59.98	108	1640	98	27.31	17.06	1.19	15.87	55.0
BTS 8365	120	320.7	105	8098	88	61.22	110	1542	92	25.31	17.22	1.19	16.03	46.7
BTS 8927 (CommBench)	115	318.3	104	9378	102	60.34	109	1773	106	29.59	17.10	1.18	15.92	74.6
Crystal 022	105	317.6	104	9089	99	60.06	108	1711	102	28.44	17.11	1.24	15.87	71.0
Crystal 130	110	317.8	104	9358	102	60.14	108	1755	105	29.68	17.12	1.23	15.89	60.9
Crystal 138	119	308.9	101	9154	100	56.85	102	1682	101	29.70	16.70	1.25	15.45	60.3
Crystal 260	104	317.5	104	9302	101	60.04	108	1746	104	29.35	17.10	1.22	15.88	65.5
Crystal 269	107	313.1	103	9274	101	58.41	105	1734	104	29.59	17.03	1.38	15.65	58.2
Crystal 361	111	327.4	107	9250	101	63.69	115	1792	107	28.16	17.47	1.10	16.37	69.6
Crystal 369	109	307.9	101	8885	97	56.47	102	1618	97	28.85	16.69	1.29	15.40	48.3
Crystal 793	112	318.0	104	9390	102	60.21	108	1770	106	29.90	17.06	1.16	15.90	70.3
Crystal 912	102	293.8	96	9932	108	51.29	92	1736	104	33.62	16.01	1.32	14.69	72.5
Hilleleshög HIL2389 (CommBench)	103	303.9	100	9354	102	55.00	99	1700	102	30.74	16.48	1.28	15.20	58.6
Hilleleshög HIL2479	101	305.2	100	8694	95	55.49	100	1597	95	28.37	16.63	1.38	15.25	55.6
Hilleleshög HIL2480 **	113	299.2	98	8701	95	53.28	96	1555	93	29.19	16.45	1.49	14.96	58.1
Maribo MA717	121	294.8	97	8826	96	51.64	93	1523	91	30.15	16.02	1.28	14.74	59.5
SX 1815	108	290.8	95	9070	99	50.17	90	1575	94	31.06	15.94	1.40	14.54	57.3
SX 1835 **	114	299.8	98	9904	108	53.50	96	1775	106	32.82	16.37	1.38	14.99	68.8
SV 231	123	297.5	97	9850	107	52.65	95	1744	104	33.12	16.15	1.28	14.87	76.3
BTS 8815 (CommBench)	124	299.2	98	8949	97	53.28	96	1599	96	30.04	16.27	1.31	14.96	58.8
Crystal 803 (CommBench)	125	299.9	98	9053	99	53.52	96	1618	97	30.01	16.27	1.28	14.99	71.0
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	324.6	106	9190	100	62.52	113	1772	106	28.29	17.35	1.12	16.24	66.2
BTS 8457	202	313.8	103	9031	98	58.60	106	1692	101	28.91	16.75	1.09	15.67	61.0
Crystal 364	226	295.2	97	9362	102	51.89	93	1644	98	31.92	16.02	1.27	14.75	73.1
Crystal 470	213	313.4	103	9146	100	58.48	105	1708	102	29.30	16.81	1.15	15.66	66.7
Crystal 471	217	323.1	106	9420	103	61.97	112	1806	108	29.18	17.32	1.15	16.18	70.8
Hilleleshög HIL2493 **	220	291.6	96	9698	106	50.57	91	1687	101	33.19	15.98	1.39	14.58	70.7
SV 345 **	219	287.4	94	9280	101	49.03	88	1586	95	32.42	15.68	1.33	14.35	59.5
Comm Benchmark Mean		305.3		9184		55.54		1673		30.10	16.53	1.26		65.7
Comm Trial Mean		307.3		9179		56.25		1677		29.93	16.65	1.28		64.2
Coeff. of Var. (%)		2.5		5.5		5.1		6.7		5.5	2.0	6.7		15.5
Mean LSD (0.05)		7.4		438		2.73		102		1.48	0.32	0.08		9.0
Mean LSD (0.01)		9.7		577		3.60		135		1.94	0.42	0.11		11.8
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Averill MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Perley MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	341.4	98	12942	103	68.88	97	2590	101	38.27	18.11	1.04	17.07	67.5
BTS 8034	122	337.6	97	12622	101	67.47	95	2529	99	37.32	17.94	1.07	16.87	65.6
BTS 8156	118	343.2	99	12606	101	69.55	98	2563	100	36.69	18.22	1.06	17.16	63.7
BTS 8226	117	354.4	102	12977	104	73.71	104	2709	106	36.41	18.57	0.84	17.73	67.0
BTS 8270	116	349.8	101	12414	99	71.97	102	2528	99	35.98	18.44	0.96	17.48	58.5
BTS 8365	120	359.5	104	12532	100	75.60	107	2634	103	34.75	18.93	0.95	17.98	59.4
BTS 8927 (CommBench)	115	351.2	101	12601	101	72.51	102	2589	101	36.26	18.43	0.88	17.55	69.0
Crystal 022	105	354.4	102	12544	100	73.70	104	2594	101	35.39	18.72	1.00	17.72	70.3
Crystal 130	110	344.9	99	12617	101	70.18	99	2553	100	36.84	18.24	1.00	17.24	65.9
Crystal 138	119	344.5	99	12609	101	70.03	99	2559	100	36.41	18.28	1.05	17.23	68.6
Crystal 260	104	337.3	97	12029	96	67.36	95	2411	94	35.56	17.82	0.95	16.87	66.0
Crystal 269	107	351.2	101	13095	104	72.52	102	2718	106	37.04	18.80	1.23	17.57	72.2
Crystal 361	111	349.6	101	12495	100	71.93	102	2569	100	36.11	18.38	0.91	17.47	75.1
Crystal 369	109	334.7	97	12266	98	66.42	94	2427	95	36.85	17.89	1.15	16.74	64.8
Crystal 793	112	343.7	99	12792	102	69.73	98	2594	101	37.19	18.14	0.96	17.18	71.3
Crystal 912	102	329.2	95	13236	106	64.37	91	2587	101	40.47	17.54	1.09	16.45	70.8
Hilleshög HIL2389 (CommBench)	103	337.0	97	12217	97	67.24	95	2444	96	36.47	17.92	1.08	16.84	64.8
Hilleshög HIL2479	101	332.4	96	11364	91	65.57	93	2253	88	33.89	17.67	1.04	16.63	70.2
Hilleshög HIL2480 **	113	345.1	100	11949	95	70.25	99	2438	95	34.68	18.41	1.16	17.25	71.0
Maribo MA717	121	329.7	95	12125	97	64.54	91	2366	92	36.66	17.62	1.13	16.49	60.9
SX 1815	108	349.8	101	12434	99	72.01	102	2547	100	35.63	18.41	0.91	17.50	64.1
SX 1835 **	114	329.9	95	12598	101	64.63	91	2475	97	37.97	17.59	1.10	16.49	65.0
SV 231	123	330.3	95	12801	102	64.78	91	2520	98	38.53	17.53	1.01	16.52	72.2
BTS 8815 (CommBench)	124	354.1	102	12445	99	73.59	104	2584	101	35.14	18.71	1.00	17.71	71.9
Crystal 803 (CommBench)	125	344.4	99	12869	103	69.99	99	2617	102	37.24	18.21	1.00	17.21	67.3
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	356.6	103	12316	98	74.48	105	2579	101	34.68	18.73	0.88	17.84	63.0
BTS 8457	202	349.1	101	13329	106	71.73	101	2733	107	38.31	18.32	0.86	17.46	63.4
Crystal 364	226	329.2	95	12954	103	64.44	91	2531	99	39.42	17.52	1.07	16.45	83.0
Crystal 470	213	344.4	99	13173	105	70.02	99	2668	104	38.35	18.14	0.94	17.21	63.7
Crystal 471	217	355.0	102	11823	94	73.89	104	2453	96	33.63	18.63	0.88	17.74	61.0
Hilleshög HIL2493 **	220	334.0	96	13739	110	66.17	93	2724	106	41.24	17.72	1.03	16.69	69.6
SV 345 **	219	329.3	95	12599	101	64.47	91	2467	96	38.17	17.51	1.06	16.45	67.6
Comm Benchmark Mean		346.7		12533		70.83		2559		36.28	18.32	0.99		68.2
Comm Trial Mean		342.6		12588		69.34		2545		36.78	18.15	1.02		67.6
Coeff. of Var. (%)		2.6		6.5		4.8		7.2		6.6	2.2	9.4		16.9
Mean LSD (0.05)		8.4		688		3.09		160		2.07	0.36	0.09		10.0
Mean LSD (0.01)		11.0		906		4.07		211		2.73	0.48	0.12		13.2
Sig Lvl		**		**		**		**		**	**	**		ns

2025 Data from Perley MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Ada MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	310.0	98	9872	105	57.28	97	1826	103	31.82	16.49	0.99	15.50	79.6
BTS 8034	122	303.4	96	9631	102	54.81	92	1738	98	31.58	16.28	1.11	15.17	67.8
BTS 8156	118	322.2	102	9753	103	61.79	104	1874	105	30.17	17.12	1.00	16.12	68.2
BTS 8226	117	325.4	103	9968	106	62.96	106	1925	108	30.67	17.16	0.89	16.27	77.9
BTS 8270	116	317.9	101	10272	109	60.18	102	1939	109	32.39	16.87	0.98	15.89	73.4
BTS 8365	120	332.8	106	9914	105	65.69	111	1959	110	29.83	17.49	0.85	16.64	69.6
BTS 8927 (CommBench)	115	320.2	102	9654	102	61.03	103	1838	103	30.22	16.96	0.95	16.01	74.7
Crystal 022	105	323.0	102	9639	102	62.09	105	1852	104	30.02	17.06	0.91	16.15	77.0
Crystal 130	110	318.3	101	10109	107	60.35	102	1903	107	31.63	16.84	0.92	15.92	76.2
Crystal 138	119	318.7	101	10239	108	60.48	102	1939	109	32.00	16.84	0.90	15.94	69.0
Crystal 260	104	324.4	103	10117	107	62.59	106	1957	110	31.13	17.07	0.85	16.22	74.9
Crystal 269	107	317.6	101	10316	109	60.07	101	1948	109	32.32	16.89	1.01	15.88	74.3
Crystal 361	111	318.1	101	9886	105	60.27	102	1879	106	31.19	16.85	0.94	15.91	79.0
Crystal 369	109	312.0	99	10246	108	58.00	98	1900	107	32.87	16.65	1.05	15.60	74.8
Crystal 793	112	314.3	100	9835	104	58.84	99	1846	104	31.38	16.65	0.93	15.72	80.8
Crystal 912	102	287.9	91	9669	102	49.09	83	1655	93	33.46	15.48	1.08	14.40	74.7
Hilleshög HIL2389 (CommBench)	103	311.5	99	9065	96	57.83	98	1695	95	29.04	16.62	1.05	15.57	71.4
Hilleshög HIL2479	101	310.4	98	9808	104	57.42	97	1808	102	31.75	16.55	1.02	15.53	75.4
Hilleshög HIL2480 **	113	311.4	99	9993	106	57.79	98	1853	104	32.27	16.74	1.16	15.58	73.2
Maribo MA717	121	299.1	95	10080	107	53.22	90	1787	100	34.05	16.07	1.11	14.96	66.1
SX 1815	108	317.7	101	9106	96	60.11	101	1724	97	28.80	16.88	1.00	15.88	62.9
SX 1835 **	114	302.8	96	10148	107	54.60	92	1840	103	33.22	16.19	1.05	15.14	74.8
SV 231	123	301.5	96	9882	105	54.14	91	1772	100	32.65	16.16	1.09	15.07	78.0
BTS 8815 (CommBench)	124	314.3	100	9212	98	58.84	99	1728	97	29.32	16.75	1.03	15.72	78.9
Crystal 803 (CommBench)	125	315.6	100	9843	104	59.33	100	1857	104	31.05	16.72	0.94	15.78	75.8
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	325.0	103	10371	110	62.73	106	2012	113	31.85	17.15	0.90	16.25	83.1
BTS 8457	202	319.5	101	10181	108	60.74	102	1942	109	31.84	16.87	0.89	15.98	82.7
Crystal 364	226	301.8	96	9834	104	54.34	92	1778	100	32.54	16.16	1.07	15.09	86.4
Crystal 470	213	314.7	100	10193	108	59.00	100	1917	108	32.34	16.68	0.95	15.73	76.9
Crystal 471	217	327.0	104	10326	109	63.46	107	2015	113	31.50	17.24	0.88	16.36	76.4
Hilleshög HIL2493 **	220	311.9	99	9901	105	57.99	98	1849	104	31.73	16.61	1.03	15.59	79.4
SV 345 **	219	304.8	97	9550	101	55.41	94	1741	98	31.31	16.34	1.11	15.23	71.9
Comm Benchmark Mean		315.4		9444		59.26		1780		29.91	16.76	0.99		75.2
Comm Trial Mean		313.5		9852		58.57		1839		31.45	16.67	0.99		74.4
Coeff. of Var. (%)		2.0		5.9		3.9		6.6		5.7	1.7	5.2		11.6
Mean LSD (0.05)		5.8		493		2.14		110		1.43	0.26	0.05		7.5
Mean LSD (0.01)		7.6		650		2.82		144		1.89	0.34	0.06		9.9
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Ada MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Caledonia ND

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	334.6	101	9959	105	66.36	102	1981	106	29.77	17.58	0.85	16.73	95.6
BTS 8034	122	313.6	95	9278	98	58.58	90	1741	93	29.71	16.69	1.02	15.67	87.8
BTS 8156	118	324.5	98	9405	99	62.61	96	1815	97	28.98	17.17	0.94	16.23	90.7
BTS 8226	117	341.6	103	9904	104	68.94	106	1998	107	29.03	17.91	0.83	17.08	86.9
BTS 8270	116	330.2	100	9165	97	64.75	99	1800	97	27.69	17.50	1.00	16.50	85.4
BTS 8365	120	343.0	103	9451	100	69.48	106	1919	103	27.40	18.07	0.93	17.14	87.2
BTS 8927 (CommBench)	115	337.8	102	9786	103	67.55	104	1951	105	29.08	17.76	0.87	16.89	87.0
Crystal 022	105	343.4	104	9660	102	69.64	107	1955	105	28.05	18.05	0.87	17.18	89.3
Crystal 130	110	329.1	99	9406	99	64.35	99	1841	99	28.50	17.43	0.97	16.46	89.0
Crystal 138	119	331.8	100	9891	104	65.34	100	1941	104	29.96	17.52	0.92	16.60	89.3
Crystal 260	104	329.5	99	9471	100	64.47	99	1852	99	28.79	17.39	0.92	16.47	87.5
Crystal 269	107	329.5	99	9615	101	64.48	99	1881	101	29.20	17.50	1.04	16.46	87.5
Crystal 361	111	332.3	100	9971	105	65.53	100	1966	106	29.98	17.54	0.92	16.62	88.3
Crystal 369	109	329.2	99	10051	106	64.38	99	1958	105	30.65	17.51	1.04	16.47	87.0
Crystal 793	112	320.4	97	9574	101	61.10	94	1828	98	30.07	16.93	0.92	16.01	92.1
Crystal 912	102	315.5	95	9472	100	59.29	91	1778	95	30.03	16.72	0.94	15.78	89.0
Hilleleshög HIL2389 (CommBench)	103	332.9	100	9474	100	65.73	101	1867	100	28.52	17.51	0.86	16.65	87.6
Hilleleshög HIL2479	101	326.5	98	8956	94	63.37	97	1737	93	27.37	17.36	1.03	16.33	91.9
Hilleleshög HIL2480 **	113	314.1	95	8946	94	58.80	90	1676	90	28.35	16.86	1.16	15.70	90.9
Maribo MA717	121	335.5	101	10309	109	66.69	102	2047	110	30.77	17.69	0.92	16.77	81.9
SX 1815	108	331.7	100	9330	98	65.30	100	1838	99	28.11	17.49	0.90	16.59	85.6
SX 1835 **	114	320.2	97	9564	101	61.05	94	1824	98	29.75	16.98	0.98	16.00	87.5
SV 231	123	324.2	98	9420	99	62.50	96	1818	98	29.13	17.16	0.96	16.20	91.8
BTS 8815 (CommBench)	124	327.8	99	8965	94	63.85	98	1740	93	27.44	17.31	0.91	16.40	88.8
Crystal 803 (CommBench)	125	327.9	99	9727	103	63.90	98	1892	102	29.62	17.31	0.92	16.39	91.5
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	343.5	104	10275	108	69.79	107	2080	112	29.92	17.96	0.80	17.16	86.8
BTS 8457	202	341.6	103	10294	108	69.11	106	2079	112	30.12	17.86	0.79	17.07	87.1
Crystal 364	226	319.7	96	9854	104	60.72	93	1869	100	30.86	16.99	0.98	16.00	90.7
Crystal 470	213	341.5	103	10455	110	69.07	106	2113	113	30.63	17.93	0.87	17.06	89.1
Crystal 471	217	343.8	104	10212	108	69.91	107	2070	111	29.75	18.10	0.91	17.19	84.4
Hilleleshög HIL2493 **	220	327.8	99	9525	100	63.82	98	1851	99	28.99	17.40	0.99	16.41	90.6
SV 345 **	219	327.9	99	9728	103	63.84	98	1890	101	29.75	17.32	0.92	16.40	87.5
Comm Benchmark Mean		331.6		9488		65.26		1863		28.67	17.47	0.89		88.7
Comm Trial Mean		329.0		9560		64.30		1867		29.07	17.39	0.94		88.9
Coeff. of Var. (%)		2.7		4.6		5.2		6.2		3.9	2.4	5.4		7.5
Mean LSD (0.05)		8.2		387		3.04		102		1.03	0.38	0.05		5.4
Mean LSD (0.01)		10.8		509		4.01		135		1.36	0.50	0.06		7.1
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Caledonia ND

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Scandia MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	279.4	95	12127	98	45.93	89	1995	92	43.20	15.34	1.37	13.97	55.0
BTS 8034	122	292.0	99	12968	105	50.60	98	2248	104	44.52	15.99	1.39	14.60	58.0
BTS 8156	118	298.2	101	12903	105	52.89	103	2286	106	43.35	16.28	1.37	14.91	61.5
BTS 8226	117	297.4	101	13007	105	52.59	102	2300	106	43.62	16.13	1.26	14.87	61.2
BTS 8270	116	312.4	106	12893	104	58.15	113	2391	111	41.42	16.83	1.21	15.62	53.5
BTS 8365	120	307.3	104	12593	102	56.26	109	2306	107	41.09	16.55	1.19	15.36	50.6
BTS 8927 (CommBench)	115	299.1	102	12660	103	53.22	103	2254	104	42.24	16.16	1.21	14.95	58.1
Crystal 022	105	300.6	102	12687	103	53.80	105	2262	105	42.22	16.31	1.28	15.03	67.6
Crystal 130	110	307.6	104	13328	108	56.37	110	2446	113	43.43	16.60	1.23	15.37	65.0
Crystal 138	119	310.2	105	13109	106	57.32	111	2425	112	42.36	16.64	1.13	15.51	57.1
Crystal 260	104	323.6	110	13845	112	62.30	121	2665	123	42.83	17.24	1.07	16.17	63.6
Crystal 269	107	291.9	99	12837	104	50.57	98	2219	103	43.87	15.97	1.37	14.60	53.9
Crystal 361	111	316.0	107	13322	108	59.49	116	2523	117	42.10	16.86	1.07	15.79	61.8
Crystal 369	109	291.5	99	12536	102	50.40	98	2167	100	43.08	15.87	1.30	14.57	53.7
Crystal 793	112	297.3	101	12952	105	52.58	102	2287	106	43.68	16.08	1.21	14.87	61.8
Crystal 912	102	289.4	98	13803	112	49.65	96	2374	110	47.60	15.83	1.36	14.47	59.6
Hilleleshög HIL2389 (CommBench)	103	283.3	96	11873	96	47.37	92	1996	92	41.58	15.46	1.30	14.16	48.6
Hilleleshög HIL2479	101	274.9	93	12090	98	44.29	86	1958	91	43.63	15.09	1.34	13.75	61.6
Hilleleshög HIL2480 **	113	290.2	99	13375	108	49.95	97	2299	106	46.16	15.80	1.28	14.52	53.0
Maribo MA717	121	267.8	91	12570	102	41.65	81	1952	90	47.04	14.60	1.21	13.39	53.8
SX 1815	108	274.9	93	12019	97	44.27	86	1938	90	43.48	15.04	1.29	13.75	49.5
SX 1835 **	114	290.3	99	13548	110	49.97	97	2339	108	46.59	15.85	1.33	14.52	59.8
SV 231	123	292.2	99	13395	109	50.69	98	2321	107	45.87	15.81	1.20	14.61	70.8
BTS 8815 (CommBench)	124	290.2	99	12092	98	49.92	97	2077	96	41.76	15.82	1.31	14.51	57.7
Crystal 803 (CommBench)	125	304.9	104	12751	103	55.38	108	2321	107	41.73	16.31	1.06	15.25	67.2
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	315.0	107	13178	107	58.93	114	2467	114	42.50	16.72	1.02	15.70	64.7
BTS 8457	202	304.7	104	12962	105	55.21	107	2377	110	42.21	16.24	0.98	15.25	56.8
Crystal 364	226	276.1	94	13116	106	44.85	87	2128	98	47.61	15.06	1.25	13.80	66.3
Crystal 470	213	298.6	101	12718	103	53.02	103	2276	105	42.42	16.07	1.14	14.94	62.3
Crystal 471	217	298.8	102	12847	104	53.08	103	2278	105	43.10	16.06	1.13	14.94	55.9
Hilleleshög HIL2493 **	220	274.7	93	12466	101	44.37	86	1993	92	45.98	15.01	1.29	13.72	61.2
SV 345 **	219	284.2	97	12548	102	47.79	93	2112	98	44.59	15.49	1.29	14.20	60.1
Comm Benchmark Mean		294.4		12344		51.47		2162		41.83	15.94	1.22		57.9
Comm Trial Mean		295.2		12886		51.80		2259		43.68	16.02	1.26		58.6
Coeff. of Var. (%)		3.5		6.7		7.5		9.1		6.1	2.8	8.8		16.8
Mean LSD (0.05)		10.0		813		3.70		195		2.48	0.43	0.11		8.5
Mean LSD (0.01)		13.2		1071		4.87		257		3.26	0.57	0.14		11.2
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Scandia MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Reynolds ND

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	335.0	101	12309	107	66.53	101	2439	107	36.85	17.62	0.87	16.75	78.4
BTS 8034	122	312.9	94	11253	98	58.34	89	2094	92	36.19	16.82	1.17	15.65	72.6
BTS 8156	118	331.0	99	11712	102	65.03	99	2300	101	35.29	17.52	0.97	16.55	70.6
BTS 8226	117	336.5	101	11678	101	67.07	102	2333	103	34.72	17.74	0.92	16.82	78.9
BTS 8270	116	335.4	101	11531	100	66.67	101	2285	100	34.48	17.70	0.93	16.77	67.4
BTS 8365	120	340.0	102	11348	98	68.36	104	2278	100	33.43	17.94	0.94	17.00	69.9
BTS 8927 (CommBench)	115	334.7	101	11630	101	66.39	101	2308	101	34.76	17.67	0.94	16.73	76.0
Crystal 022	105	329.9	99	11383	99	64.63	98	2219	98	34.61	17.50	1.00	16.50	73.5
Crystal 130	110	332.0	100	11869	103	65.42	100	2339	103	35.67	17.54	0.94	16.60	75.9
Crystal 138	119	324.9	98	11106	96	62.77	96	2139	94	34.35	17.20	0.96	16.24	75.0
Crystal 260	104	332.6	100	11928	103	65.62	100	2360	104	35.60	17.53	0.90	16.63	67.3
Crystal 269	107	340.0	102	11763	102	68.35	104	2362	104	34.70	17.94	0.94	17.00	71.6
Crystal 361	111	340.4	102	11982	104	68.50	104	2412	106	35.16	17.88	0.86	17.02	77.8
Crystal 369	109	333.2	100	12314	107	65.84	100	2433	107	36.93	17.64	0.98	16.66	75.1
Crystal 793	112	338.1	102	11700	101	67.65	103	2342	103	34.67	17.86	0.96	16.90	75.4
Crystal 912	102	311.9	94	11952	104	57.97	88	2211	97	38.59	16.57	0.97	15.60	73.6
Hilleshög HIL2389 (CommBench)	103	331.4	100	11617	101	65.17	99	2284	100	35.01	17.49	0.92	16.57	74.4
Hilleshög HIL2479	101	332.6	100	10842	94	65.62	100	2142	94	32.48	17.60	0.97	16.63	81.7
Hilleshög HIL2480 **	113	309.6	93	10906	95	57.12	87	2010	88	35.36	16.71	1.22	15.49	75.6
Maribo MA717	121	311.8	94	11204	97	57.94	88	2082	91	35.89	16.60	1.01	15.59	71.3
SX 1815	108	323.6	97	11069	96	62.31	95	2131	94	34.23	17.14	0.95	16.19	74.2
SX 1835 **	114	310.0	93	11775	102	57.26	87	2177	96	37.93	16.50	1.00	15.50	78.9
SV 231	123	323.0	97	11960	104	62.09	94	2302	101	36.89	17.08	0.92	16.16	76.3
BTS 8815 (CommBench)	124	326.3	98	10940	95	63.30	96	2114	93	33.49	17.32	1.01	16.31	70.3
Crystal 803 (CommBench)	125	339.0	102	11931	103	67.99	103	2396	105	35.24	17.81	0.86	16.95	76.5
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	347.7	104	11850	103	71.25	108	2406	106	34.23	18.25	0.87	17.39	80.8
BTS 8457	202	327.1	98	11383	99	63.56	97	2210	97	34.86	17.23	0.89	16.35	71.9
Crystal 364	226	320.0	96	11460	99	60.91	93	2182	96	35.66	17.08	1.07	16.01	79.6
Crystal 470	213	338.3	102	12540	109	67.76	103	2521	111	36.73	17.83	0.92	16.91	75.6
Crystal 471	217	332.7	100	11462	99	65.66	100	2258	99	34.33	17.53	0.90	16.64	75.9
Hilleshög HIL2493 **	220	314.1	94	11569	100	58.74	89	2176	96	36.42	16.70	0.98	15.71	78.6
SV 345 **	219	324.2	97	12686	110	62.47	95	2441	107	39.16	17.21	1.00	16.21	78.9
Comm Benchmark Mean		332.9		11530		65.71		2276		34.63	17.57	0.93		74.3
Comm Trial Mean		328.4		11617		64.06		2264		35.42	17.38	0.96		74.6
Coeff. of Var. (%)		2.9		4.9		5.4		6.7		4.3	2.3	8.9		11.5
Mean LSD (0.05)		8.8		521		3.26		140		1.33	0.38	0.08		7.7
Mean LSD (0.01)		11.6		686		4.29		185		1.75	0.50	0.11		10.1
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Reynolds ND

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Alvarado MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	299.6	99	11900	104	53.43	97	2117	102	39.90	15.95	0.97	14.98	62.5
BTS 8034	122	289.0	95	10984	96	49.49	90	1878	91	38.19	15.48	1.03	14.45	55.4
BTS 8156	118	298.2	98	11414	100	52.89	96	2022	98	38.37	15.97	1.06	14.91	56.2
BTS 8226	117	312.3	103	11403	100	58.13	106	2117	102	36.54	16.52	0.90	15.62	60.4
BTS 8270	116	307.7	101	10964	96	56.42	103	2009	97	35.70	16.41	1.03	15.38	50.6
BTS 8365	120	309.3	102	10256	90	57.02	104	1886	91	33.24	16.44	0.97	15.47	42.1
BTS 8927 (CommBench)	115	313.6	103	11631	102	58.60	106	2164	105	36.96	16.66	0.97	15.69	59.4
Crystal 022	105	310.4	102	11278	99	57.40	104	2086	101	36.20	16.53	1.01	15.52	62.1
Crystal 130	110	306.7	101	11295	99	56.05	102	2064	100	36.88	16.31	0.98	15.33	62.9
Crystal 138	119	302.9	100	11512	101	54.64	99	2072	100	37.93	16.18	1.03	15.15	53.4
Crystal 260	104	299.9	99	11562	101	53.54	97	2073	100	38.55	15.89	0.90	14.99	61.2
Crystal 269	107	305.0	100	11064	97	55.41	101	2002	97	36.51	16.30	1.06	15.24	47.8
Crystal 361	111	309.8	102	11606	102	57.20	104	2139	103	37.32	16.40	0.90	15.50	64.6
Crystal 369	109	294.5	97	10644	93	51.53	94	1863	90	36.14	15.81	1.08	14.73	48.8
Crystal 793	112	294.1	97	11274	99	51.37	93	1967	95	38.47	15.81	1.11	14.70	62.8
Crystal 912	102	290.2	95	11892	104	49.94	91	2038	99	41.03	15.58	1.06	14.52	63.6
Hilleleshög HIL2389 (CommBench)	103	306.8	101	11558	101	56.09	102	2116	102	37.68	16.31	0.97	15.34	55.0
Hilleleshög HIL2479	101	309.4	102	11568	101	57.05	104	2137	103	37.44	16.52	1.05	15.47	60.1
Hilleleshög HIL2480 **	113	294.7	97	10913	95	51.59	94	1903	92	36.88	15.88	1.14	14.74	59.4
Maribo MA717	121	302.5	100	11384	100	54.50	99	2046	99	37.76	16.19	1.06	15.13	51.7
SX 1815	108	294.7	97	11003	96	51.61	94	1921	93	37.48	15.88	1.15	14.73	56.1
SX 1835 **	114	290.8	96	11687	102	50.18	91	2017	98	40.19	15.72	1.18	14.54	62.0
SV 231	123	293.6	97	11621	102	51.19	93	2035	98	39.44	15.72	1.04	14.68	64.7
BTS 8815 (CommBench)	124	302.4	99	11068	97	54.45	99	1990	96	36.75	16.14	1.03	15.11	58.9
Crystal 803 (CommBench)	125	292.9	96	11454	100	50.96	93	2002	97	38.89	15.63	0.98	14.65	62.0
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	310.3	102	11529	101	57.39	104	2140	103	37.05	16.43	0.92	15.52	59.9
BTS 8457	202	302.1	99	11253	98	54.35	99	2014	97	37.79	15.98	0.91	15.08	63.9
Crystal 364	226	298.1	98	12247	107	52.85	96	2165	105	41.05	15.93	1.01	14.92	66.4
Crystal 470	213	286.9	94	11325	99	48.73	89	1933	93	40.09	15.31	1.00	14.31	68.9
Crystal 471	217	306.8	101	11283	99	56.09	102	2051	99	36.95	16.26	0.93	15.34	55.7
Hilleleshög HIL2493 **	220	292.8	96	11840	104	50.87	92	2044	99	40.48	15.65	1.01	14.64	57.6
SV 345 **	219	297.6	98	11664	102	52.69	96	2076	100	39.56	15.84	0.99	14.85	50.1
Comm Benchmark Mean		303.9		11428		55.03		2068		37.57	16.19	0.99		58.8
Comm Trial Mean		301.0		11369		53.95		2033		37.84	16.07	1.02		58.3
Coeff. of Var. (%)		3.0		5.3		6.1		7.0		5.1	2.6	8.6		15.9
Mean LSD (0.05)		8.6		557		3.17		136		1.75	0.40	0.08		8.4
Mean LSD (0.01)		11.3		733		4.18		179		2.31	0.52	0.11		11.1
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Alvarado MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Stephen MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	371.1	98	11251	99	79.87	97	2420	98	30.37	19.49	0.94	18.55	75.7
BTS 8034	122	366.3	97	11364	100	78.10	95	2417	98	31.14	19.28	0.97	18.31	71.3
BTS 8156	118	359.1	95	10984	97	75.44	92	2312	94	30.49	18.93	0.97	17.96	80.4
BTS 8226	117	379.6	101	11341	100	83.01	101	2481	101	29.85	19.81	0.82	18.99	82.2
BTS 8270	116	380.1	101	11383	100	83.20	101	2494	101	29.89	19.89	0.88	19.01	71.4
BTS 8365	120	382.6	102	10797	95	84.11	103	2373	96	28.16	20.02	0.88	19.14	69.3
BTS 8927 (CommBench)	115	377.8	100	11276	99	82.36	100	2456	100	29.97	19.76	0.88	18.88	78.6
Crystal 022	105	385.6	102	11405	101	85.22	104	2521	102	29.53	20.12	0.84	19.28	77.6
Crystal 130	110	375.6	100	11631	103	81.55	99	2527	102	30.95	19.67	0.89	18.78	75.3
Crystal 138	119	379.0	101	11214	99	82.78	101	2453	99	29.56	19.84	0.90	18.94	70.5
Crystal 260	104	374.6	99	11309	100	81.16	99	2446	99	30.31	19.55	0.82	18.73	75.4
Crystal 269	107	379.4	101	11916	105	82.96	101	2606	106	31.33	19.92	0.94	18.98	73.5
Crystal 361	111	377.5	100	11214	99	82.25	100	2443	99	29.72	19.72	0.85	18.87	73.8
Crystal 369	109	380.2	101	12184	107	83.23	102	2663	108	32.14	19.97	0.97	19.00	77.0
Crystal 793	112	378.7	100	11795	104	82.67	101	2576	104	31.14	19.79	0.85	18.94	79.5
Crystal 912	102	373.6	99	12701	112	80.79	99	2745	111	33.99	19.51	0.83	18.68	83.6
Hilleleshög HIL2389 (CommBench)	103	373.7	99	11198	99	80.83	99	2420	98	30.00	19.63	0.95	18.68	68.7
Hilleleshög HIL2479	101	375.7	100	11555	102	81.56	99	2507	102	30.75	19.70	0.92	18.78	72.9
Hilleleshög HIL2480 **	113	369.2	98	11506	101	79.18	97	2467	100	31.09	19.56	1.10	18.46	70.3
Maribo MA717	121	366.8	97	11754	104	78.27	95	2508	102	32.09	19.34	1.00	18.34	59.8
SX 1815	108	373.1	99	11160	98	80.63	98	2414	98	29.93	19.58	0.93	18.65	65.4
SX 1835 **	114	368.5	98	11743	104	78.92	96	2513	102	31.86	19.42	0.99	18.43	70.6
SV 231	123	374.2	99	11941	105	81.02	99	2585	105	31.96	19.64	0.94	18.70	77.3
BTS 8815 (CommBench)	124	379.0	101	11253	99	82.80	101	2461	100	29.67	19.87	0.92	18.95	78.8
Crystal 803 (CommBench)	125	376.9	100	11637	103	82.01	100	2535	103	30.87	19.73	0.89	18.84	77.2
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	379.2	101	11760	104	82.86	101	2571	104	31.02	19.81	0.85	18.96	84.4
BTS 8457	202	388.2	103	11300	100	86.22	105	2504	101	29.13	20.22	0.81	19.40	83.3
Crystal 364	226	373.7	99	12052	106	80.83	99	2616	106	32.01	19.65	0.96	18.69	83.6
Crystal 470	213	373.0	99	11583	102	80.55	98	2502	101	31.16	19.50	0.85	18.65	77.4
Crystal 471	217	388.0	103	11951	105	86.13	105	2656	108	30.76	20.30	0.90	19.40	77.7
Hilleleshög HIL2493 **	220	373.1	99	12175	107	80.59	98	2634	107	32.59	19.62	0.97	18.65	74.2
SV 345 **	219	372.3	99	11522	102	80.31	98	2491	101	30.75	19.60	0.97	18.63	66.5
Comm Benchmark Mean		376.9		11341		82.00		2468		30.13	19.75	0.91		75.8
Comm Trial Mean		374.9		11537		81.30		2501		30.78	19.66	0.91		74.7
Coeff. of Var. (%)		1.4		4.7		2.4		5.0		4.6	1.2	5.0		10.4
Mean LSD (0.05)		5.0		484		1.84		114		1.24	0.23	0.04		6.7
Mean LSD (0.01)		6.5		637		2.42		151		1.63	0.30	0.06		8.8
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Stephen MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
St. Thomas ND

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	338.0	100	12719	109	67.64	100	2543	109	37.64	17.65	0.75	16.90	92.0
BTS 8034	122	306.5	91	10483	90	55.98	83	1914	82	34.22	16.23	0.90	15.33	86.8
BTS 8156	118	324.3	96	11163	96	62.55	92	2153	93	34.41	17.06	0.84	16.22	87.5
BTS 8226	117	342.9	101	12327	106	69.42	103	2498	107	35.91	17.86	0.72	17.14	92.4
BTS 8270	116	339.0	100	11645	100	68.00	100	2335	100	34.36	17.72	0.77	16.95	81.7
BTS 8365	120	341.2	101	11497	99	68.80	102	2319	100	33.71	17.83	0.78	17.05	80.5
BTS 8927 (CommBench)	115	338.5	100	12108	104	67.81	100	2421	104	35.85	17.69	0.76	16.93	84.6
Crystal 022	105	344.7	102	11965	103	70.12	104	2439	105	34.60	17.99	0.76	17.23	90.5
Crystal 130	110	329.9	98	11874	102	64.61	95	2327	100	35.98	17.26	0.77	16.49	84.7
Crystal 138	119	342.9	101	11398	98	69.44	103	2312	99	33.18	17.88	0.74	17.14	85.1
Crystal 260	104	331.1	98	11630	100	65.06	96	2284	98	35.16	17.32	0.77	16.55	89.0
Crystal 269	107	337.1	100	11419	98	67.30	99	2281	98	33.83	17.71	0.85	16.86	86.7
Crystal 361	111	345.7	102	12337	106	70.47	104	2514	108	35.73	18.02	0.73	17.29	84.9
Crystal 369	109	337.4	100	12521	108	67.42	100	2500	107	37.11	17.73	0.85	16.88	88.0
Crystal 793	112	336.2	99	12277	106	66.97	99	2443	105	36.55	17.61	0.80	16.81	91.0
Crystal 912	102	307.6	91	12009	103	56.38	83	2202	95	39.03	16.22	0.84	15.38	85.1
Hilleshög HIL2389 (CommBench)	103	338.6	100	11299	97	67.83	100	2261	97	33.43	17.70	0.77	16.93	81.0
Hilleshög HIL2479	101	335.6	99	10481	90	66.74	99	2079	89	31.33	17.58	0.80	16.78	89.4
Hilleshög HIL2480 **	113	339.3	100	10856	93	68.11	101	2181	94	31.93	17.82	0.85	16.97	82.1
Maribo MA717	121	331.7	98	11272	97	65.30	97	2211	95	34.13	17.44	0.85	16.59	81.5
SX 1815	108	334.2	99	11664	100	66.20	98	2313	99	34.88	17.42	0.71	16.71	80.4
SX 1835 **	114	324.2	96	12185	105	62.54	92	2349	101	37.61	17.02	0.81	16.21	88.6
SV 231	123	328.2	97	12351	106	64.00	95	2410	104	37.58	17.15	0.74	16.41	88.6
BTS 8815 (CommBench)	124	339.0	100	11116	96	68.00	100	2234	96	32.70	17.74	0.79	16.95	85.6
Crystal 803 (CommBench)	125	336.3	99	12004	103	67.01	99	2388	103	35.76	17.60	0.78	16.82	88.1
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	339.8	100	11841	102	68.28	101	2378	102	34.86	17.73	0.75	16.98	83.1
BTS 8457	202	342.8	101	12453	107	69.38	103	2515	108	36.44	17.81	0.67	17.14	90.6
Crystal 364	226	329.8	98	12032	103	64.61	95	2349	101	36.61	17.34	0.84	16.50	84.8
Crystal 470	213	330.1	98	13053	112	64.73	96	2552	110	39.61	17.26	0.74	16.52	84.0
Crystal 471	217	335.7	99	12297	106	66.81	99	2435	105	36.93	17.56	0.75	16.81	83.9
Hilleshög HIL2493 **	220	323.6	96	12098	104	62.32	92	2326	100	37.55	16.95	0.76	16.19	88.8
SV 345 **	219	330.9	98	12807	110	65.03	96	2508	108	38.87	17.31	0.74	16.57	86.9
Comm Benchmark Mean		338.1		11632		67.66		2326		34.44	17.68	0.78		84.8
Comm Trial Mean		333.7		11723		66.05		2318		35.15	17.47	0.79		86.5
Coeff. of Var. (%)		1.9		5.2		3.5		5.8		5.1	1.7	5.0		7.9
Mean LSD (0.05)		6.0		578		2.20		127		1.70	0.29	0.04		5.8
Mean LSD (0.01)		7.8		762		2.90		168		2.25	0.38	0.05		7.6
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from St. Thomas ND

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Northcote MN

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	341.3	99	9550	100	68.86	97	1929	99	27.98	18.29	1.22	17.07	75.4
BTS 8034	122	329.9	95	9725	102	64.63	91	1898	97	29.63	17.92	1.42	16.50	61.6
BTS 8156	118	342.2	99	9862	103	69.17	98	1996	102	28.77	18.43	1.32	17.11	65.2
BTS 8226	117	344.7	99	9126	96	70.10	99	1860	95	26.39	18.52	1.29	17.23	68.6
BTS 8270	116	345.1	100	9911	104	70.27	99	2021	104	28.64	18.43	1.18	17.25	65.5
BTS 8365	120	352.9	102	9192	96	73.13	103	1904	98	26.06	18.90	1.25	17.65	68.9
BTS 8927 (CommBench)	115	355.6	103	10017	105	74.15	105	2087	107	28.18	18.91	1.13	17.78	74.4
Crystal 022	105	358.7	104	9772	102	75.28	106	2050	105	27.32	19.04	1.11	17.93	78.0
Crystal 130	110	346.9	100	9694	102	70.91	100	1980	102	27.95	18.57	1.23	17.34	64.8
Crystal 138	119	347.6	100	9807	103	71.16	101	2014	103	28.14	18.66	1.28	17.38	69.9
Crystal 260	104	357.0	103	10363	109	74.67	106	2168	111	29.03	18.99	1.14	17.85	70.4
Crystal 269	107	358.4	103	9997	105	75.18	106	2096	107	27.83	19.12	1.19	17.93	65.4
Crystal 361	111	359.0	104	9956	104	75.40	107	2087	107	27.77	19.13	1.17	17.96	73.5
Crystal 369	109	351.4	101	10679	112	72.58	103	2204	113	30.43	18.94	1.37	17.57	75.5
Crystal 793	112	346.0	100	9896	104	70.59	100	2019	104	28.65	18.46	1.16	17.30	73.3
Crystal 912	102	329.7	95	10629	111	64.57	91	2090	107	31.98	17.75	1.26	16.49	77.1
Hilleshög HIL2389 (CommBench)	103	338.2	98	9405	99	67.71	96	1887	97	27.79	18.10	1.20	16.90	70.7
Hilleshög HIL2479	101	341.1	98	10061	105	68.78	97	2028	104	29.46	18.25	1.19	17.06	77.2
Hilleshög HIL2480 **	113	332.5	96	9912	104	65.61	93	1958	100	29.81	18.12	1.50	16.62	72.8
Maribo MA717	121	334.7	97	9893	104	66.40	94	1962	101	29.58	18.07	1.33	16.74	57.8
SX 1815	108	352.2	102	9915	104	72.88	103	2053	105	28.16	18.74	1.14	17.60	64.9
SX 1835 **	114	337.8	97	10497	110	67.53	95	2100	108	31.01	18.22	1.33	16.89	76.7
SV 231	123	336.9	97	10100	106	67.23	95	2020	104	29.84	18.13	1.29	16.84	75.2
BTS 8815 (CommBench)	124	346.3	100	9434	99	70.69	100	1927	99	27.33	18.58	1.27	17.31	75.4
Crystal 803 (CommBench)	125	345.8	100	9300	97	70.51	100	1900	97	26.81	18.57	1.28	17.29	77.8
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	361.8	104	9688	102	76.27	108	2050	105	26.63	19.11	1.03	18.09	78.1
BTS 8457	202	355.2	103	9679	101	73.89	104	2009	103	27.42	18.75	1.00	17.76	76.6
Crystal 364	226	341.8	99	10048	105	69.06	98	2033	104	29.50	18.31	1.23	17.08	87.9
Crystal 470	213	328.7	95	9381	98	64.38	91	1844	95	28.54	17.67	1.25	16.42	81.0
Crystal 471	217	359.8	104	9152	96	75.56	107	1932	99	25.29	19.09	1.08	18.01	66.7
Hilleshög HIL2493 **	220	346.8	100	10591	111	70.88	100	2163	111	30.55	18.55	1.23	17.32	81.0
SV 345 **	219	345.0	100	10186	107	70.21	99	2073	106	29.56	18.49	1.24	17.25	69.5
Comm Benchmark Mean		346.5		9539		70.77		1950		27.53	18.54	1.22		74.6
Comm Trial Mean		345.2		9892		70.27		2014		28.66	18.50	1.25		71.2
Coeff. of Var. (%)		2.7		7.2		4.9		8.1		6.8	2.1	9.6		17.0
Mean LSD (0.05)		8.8		663		3.27		155		1.80	0.36	0.11		10.5
Mean LSD (0.01)		11.6		873		4.31		204		2.37	0.48	0.15		13.8
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Northcote MN

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

2025 Performance of Approved RR Varieties - ACSC Official Trials  
Bathgate ND

Description @	Code	Rec/T		Rec/A		Rev/T		Rev/A		Yield T/A	Sugar%			Emerg. %
		lbs.	%Bnch	lbs.	%Bnch	\$ +	%Bnch	\$ +	%Bnch		Gross	LTM	Rec	
<b>Commercial Trial</b>														
BTS 8018	106	320.8	98	11616	99	61.27	96	2222	97	36.10	16.99	0.94	16.05	64.9
BTS 8034	122	320.4	98	11993	102	61.13	96	2288	100	37.41	17.06	1.04	16.02	49.8
BTS 8156	118	315.5	96	11401	97	59.28	93	2134	93	36.17	16.75	0.97	15.78	48.9
BTS 8226	117	336.4	103	11689	99	67.02	105	2334	102	34.72	17.68	0.87	16.81	55.2
BTS 8270	116	332.4	101	11617	99	65.55	103	2298	100	34.97	17.52	0.90	16.62	53.6
BTS 8365	120	343.9	105	11107	94	69.79	109	2247	98	32.44	18.03	0.84	17.19	53.8
BTS 8927 (CommBench)	115	325.2	99	11448	97	62.87	98	2216	97	34.99	17.24	0.98	16.26	55.4
Crystal 022	105	337.4	103	11795	100	67.39	105	2354	103	35.00	17.72	0.85	16.87	51.6
Crystal 130	110	337.0	103	11811	100	67.26	105	2351	103	35.26	17.76	0.91	16.85	53.2
Crystal 138	119	341.3	104	12252	104	68.85	108	2468	108	35.86	17.98	0.91	17.07	51.2
Crystal 260	104	323.0	98	11900	101	62.08	97	2287	100	36.82	17.08	0.93	16.15	54.2
Crystal 269	107	345.8	105	12606	107	70.50	110	2567	112	36.61	18.25	0.96	17.29	56.8
Crystal 361	111	340.7	104	11992	102	68.63	107	2415	105	35.34	17.93	0.90	17.03	58.5
Crystal 369	109	330.5	101	12119	103	64.85	101	2376	104	36.62	17.58	1.05	16.53	55.2
Crystal 793	112	328.0	100	11972	102	63.92	100	2332	102	36.37	17.32	0.92	16.40	60.3
Crystal 912	102	309.8	94	12001	102	57.18	89	2215	97	38.76	16.57	1.08	15.49	60.7
Hilleleshög HIL2389 (CommBench)	103	332.8	101	11860	101	65.72	103	2343	102	35.82	17.53	0.89	16.64	54.7
Hilleleshög HIL2479	101	335.5	102	12411	105	66.68	104	2474	108	36.95	17.67	0.90	16.77	56.4
Hilleleshög HIL2480 **	113	324.6	99	12052	102	62.67	98	2334	102	37.19	17.35	1.11	16.24	51.2
Maribo MA717	121	315.5	96	12264	104	59.29	93	2304	100	38.87	16.77	0.99	15.78	52.4
SX 1815	108	331.3	101	11837	101	65.14	102	2329	102	35.75	17.56	0.99	16.57	49.3
SX 1835 **	114	323.4	99	12704	108	62.23	97	2441	106	39.29	17.16	0.99	16.17	54.2
SV 231	123	317.5	97	12358	105	60.05	94	2342	102	38.81	16.89	1.02	15.87	57.6
BTS 8815 (CommBench)	124	334.7	102	11933	101	66.41	104	2371	103	35.48	17.84	1.11	16.73	51.0
Crystal 803 (CommBench)	125	319.2	97	11835	101	60.65	95	2243	98	37.12	16.90	0.94	15.96	60.0
<b>Experimental Trial (Comm status)</b>														
BTS 8440	222	331.1	101	12591	107	65.03	102	2472	108	38.00	17.47	0.91	16.56	61.2
BTS 8457	202	336.2	103	11961	102	66.88	105	2381	104	35.53	17.69	0.87	16.82	55.2
Crystal 364	226	319.5	97	12018	102	60.87	95	2284	100	37.73	17.03	1.07	15.96	52.4
Crystal 470	213	323.9	99	12545	107	62.48	98	2414	105	38.93	17.12	0.93	16.19	55.9
Crystal 471	217	328.2	100	12408	105	64.00	100	2418	105	37.89	17.35	0.94	16.41	53.7
Hilleleshög HIL2493 **	220	318.1	97	12582	107	60.38	94	2388	104	39.58	16.88	0.98	15.90	49.0
SV 345 **	219	315.5	96	12571	107	59.42	93	2367	103	39.77	16.79	1.03	15.77	58.1
Comm Benchmark Mean		328.0		11769		63.91		2293		35.85	17.38	0.98		55.3
Comm Trial Mean		328.5		11943		64.12		2329		36.39	17.38	0.96		55.2
Coeff. of Var. (%)		3.0		5.3		5.6		6.9		4.7	2.6	7.6		16.9
Mean LSD (0.05)		9.0		552		3.32		145		1.44	0.41	0.07		8.3
Mean LSD (0.01)		11.8		727		4.38		191		1.89	0.55	0.09		10.9
Sig Lvl		**		**		**		**		**	**	**		**

2025 Data from Bathgate ND

@ Statistics and trial mean are from Commercial trial including benchmark means. Experimental trial data adjusted to commercial status.

%Bnch = percentage of four commercial benchmark (CommBench) varieties used for approval of second year entries.

+ Revenue estimates are based on a \$60.97 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Emergence not adjusted to commercial status.

\*\* Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.