

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	336.0	100	11803	104	59.82	100	2101	104	35.13	17.81	1.01	16.80	84.0
BTS 8034	118	324.1	97	11477	101	55.87	94	1978	98	35.43	17.35	1.15	16.20	84.6
BTS 8156	105	331.8	99	11437	101	58.42	98	2015	100	34.43	17.66	1.07	16.59	82.4
BTS 8226	122	346.2	103	11762	104	63.19	106	2146	106	34.00	18.27	0.96	17.31	81.5
BTS 8270	107	337.5	101	11565	102	60.32	101	2064	102	34.30	17.92	1.04	16.88	78.8
BTS 8927 (CommBench)	117	345.0	103	11680	103	62.78	105	2124	105	33.88	18.22	0.97	17.25	85.2
Crystal 022	116	344.0	103	11253	99	62.44	105	2044	101	32.73	18.20	1.00	17.20	79.9
Crystal 130	111	337.5	101	11615	102	60.31	101	2077	103	34.39	17.90	1.03	16.87	80.8
Crystal 137	101	334.1	100	11272	99	59.19	99	1998	99	33.69	17.79	1.09	16.70	82.0
Crystal 138	103	333.8	99	11424	101	59.07	99	2024	100	34.19	17.77	1.08	16.69	77.8
Crystal 260	115	340.2	101	11808	104	61.19	103	2124	105	34.76	18.00	0.99	17.01	85.5
Crystal 262	109	327.0	97	11821	104	56.82	95	2055	102	36.16	17.38	1.03	16.35	72.2
Crystal 269	106	345.0	103	11768	104	62.80	105	2139	106	34.13	18.33	1.08	17.25	77.0
Crystal 793	108	338.8	101	11657	103	60.73	102	2092	104	34.34	17.95	1.01	16.94	81.9
Crystal 912	114	316.4	94	12049	106	53.33	89	2035	101	37.96	16.92	1.10	15.82	83.6
Hilleshög HIL2386	119	327.0	97	11159	98	56.84	95	1942	96	34.07	17.45	1.09	16.36	77.0
Hilleshög HIL2389	112	336.9	100	11541	102	60.09	101	2062	102	34.20	17.85	1.01	16.84	83.6
Hilleshög HIL9920	110	333.2	99	11176	98	58.88	99	1981	98	33.44	17.74	1.08	16.66	76.0
Maribo MA717	121	323.9	97	11477	101	55.81	94	1978	98	35.40	17.27	1.07	16.20	80.2
SV 203	102	337.2	100	11581	102	60.22	101	2070	103	34.30	17.88	1.02	16.86	80.7
SX 1815	120	337.7	101	11563	102	60.37	101	2070	103	34.19	17.90	1.02	16.88	82.5
SX 1818	104	327.2	98	11521	101	56.91	95	2004	99	35.20	17.43	1.07	16.36	77.9
Crystal 578RR (CommBench)	123	326.0	97	11160	98	56.51	95	1936	96	34.20	17.43	1.13	16.30	85.4
BTS 8815 (CommBench)	124	335.5	100	11123	98	59.63	100	1981	98	33.10	17.83	1.05	16.78	83.0
Crystal 803 (CommBench)	125	335.6	100	11452	101	59.68	100	2037	101	34.09	17.84	1.06	16.78	84.1
Experimental Trial (Comm status)														
BTS 8328	225	338.6	101	11420	101	60.68	102	2045	101	33.77	18.02	1.10	16.93	76.4
BTS 8359**	221	329.4	98	11490	101	57.65	97	2009	99	34.87	17.60	1.14	16.46	79.4
BTS 8365	228	350.3	104	11332	100	64.51	108	2088	103	32.34	18.46	0.94	17.52	80.6
Crystal 360	218	340.5	101	11134	98	61.28	103	2008	99	32.64	18.05	1.02	17.03	83.4
Crystal 361	227	339.9	101	11790	104	61.10	102	2119	105	34.73	18.00	1.01	16.99	80.2
Crystal 364	232	327.7	98	11951	105	57.07	96	2081	103	36.48	17.47	1.09	16.38	84.0
Crystal 369	231	338.3	101	11724	103	60.59	102	2101	104	34.62	18.04	1.13	16.92	81.1
Hilleshög HIL2479	215	338.3	101	10451	92	60.58	102	1868	92	31.01	17.97	1.07	16.91	77.0
Hilleshög HIL2480**	217	331.3	99	10727	94	58.26	98	1886	93	32.43	17.77	1.20	16.57	77.7
SV 231	219	326.2	97	12175	107	56.57	95	2116	105	37.23	17.38	1.07	16.31	82.5
SX 1835**	202	324.4	97	11937	105	55.96	94	2060	102	36.76	17.36	1.15	16.21	85.2
Comm Benchmark Mean		335.5		11354		59.65		2020		33.82	17.83	1.05		84.4
Comm Trial Mean		334.0		11536		59.13		2043		34.54	17.75	1.05		81.1
Coeff. of Var. (%)		2.6		5.5		4.8		6.7		5.2	2.2	8.1		10.4
Mean LSD (0.05)		4.8		257		1.60		59		0.75	0.22	0.05		2.7
Mean LSD (0.01)		6.4		339		2.11		77		0.99	0.29	0.06		3.6
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	386.1	101	14853	104	76.39	102	2940	105	38.47	20.51	1.21	19.30	90.4
BTS 8034	118	374.9	98	14564	102	72.69	97	2823	101	38.87	19.84	1.09	18.75	90.4
BTS 8156	105	387.4	101	15133	106	76.83	102	3001	107	39.07	20.41	1.04	19.37	91.3
BTS 8226	122	392.5	103	14556	102	78.53	105	2913	104	37.01	20.68	1.05	19.63	87.9
BTS 8270	107	391.0	102	14648	102	78.01	104	2922	104	37.46	20.77	1.23	19.54	83.7
BTS 8927 (CommBench)	117	386.6	101	14231	100	76.58	102	2818	100	36.82	20.41	1.08	19.33	93.1
Crystal 022	116	397.1	104	14502	101	80.04	107	2921	104	36.56	20.99	1.14	19.85	85.1
Crystal 130	111	392.9	103	14955	105	78.64	105	2991	107	38.10	20.69	1.05	19.64	88.4
Crystal 137	101	400.8	105	15070	105	81.27	108	3054	109	37.66	21.04	1.00	20.04	87.4
Crystal 138	103	384.9	101	14570	102	76.02	101	2876	102	37.86	20.33	1.08	19.25	87.2
Crystal 260	115	380.6	100	14789	103	74.59	99	2898	103	38.87	20.12	1.09	19.03	93.0
Crystal 262	109	371.7	97	15058	105	71.64	95	2897	103	40.63	19.67	1.08	18.59	78.3
Crystal 269	106	399.7	105	15560	109	80.89	108	3148	112	38.91	21.09	1.11	19.98	90.8
Crystal 793	108	391.8	102	15404	108	78.27	104	3078	110	39.32	20.59	1.01	19.58	85.8
Crystal 912	114	368.2	96	15208	106	70.48	94	2915	104	41.25	19.56	1.14	18.42	87.7
Hilleshög HIL2386	119	382.2	100	14256	100	75.10	100	2801	100	37.32	20.29	1.18	19.11	71.4
Hilleshög HIL2389	112	380.4	100	14306	100	74.50	99	2799	100	37.70	20.04	1.02	19.02	91.9
Hilleshög HIL9920	110	385.6	101	14083	99	76.24	101	2786	99	36.50	20.59	1.31	19.28	83.0
Maribo MA717	121	374.8	98	14630	102	72.66	97	2832	101	39.15	19.93	1.19	18.74	84.8
SV 203	102	383.0	100	14755	103	75.36	100	2907	104	38.47	20.23	1.08	19.15	88.5
SX 1815	120	385.0	101	14394	101	76.02	101	2841	101	37.45	20.27	1.02	19.25	85.5
SX 1818	104	379.9	99	14397	101	74.36	99	2811	100	38.01	20.19	1.19	19.00	86.6
Crystal 578RR (CommBench)	123	376.1	98	14171	99	73.08	97	2754	98	37.71	19.96	1.16	18.80	92.7
BTS 8815 (CommBench)	124	387.6	101	14268	100	76.90	102	2830	101	36.85	20.45	1.07	19.38	89.0
Crystal 803 (CommBench)	125	378.7	99	14500	101	73.94	98	2828	101	38.32	20.06	1.12	18.94	92.0
Experimental Trial (Comm status)														
BTS 8328	225	373.4	98	14587	102	72.23	96	2838	101	38.85	19.87	1.21	18.67	81.8
BTS 8359**	221	375.6	98	14152	99	72.95	97	2775	99	37.36	19.96	1.18	18.79	82.4
BTS 8365	228	393.0	103	14053	98	78.66	105	2808	100	35.92	20.74	1.09	19.64	84.9
Crystal 360	218	371.9	97	13968	98	71.71	95	2686	96	37.61	19.82	1.25	18.57	82.2
Crystal 361	227	395.1	103	14902	104	79.35	106	3015	107	37.28	20.76	0.99	19.77	80.0
Crystal 364	232	370.1	97	14859	104	71.12	95	2862	102	40.21	19.53	1.04	18.50	88.4
Crystal 369	231	376.1	98	14686	103	73.12	97	2856	102	38.79	20.09	1.25	18.84	83.3
Hilleshög HIL2479	215	388.0	102	13929	97	77.00	102	2762	98	35.55	20.65	1.23	19.42	77.9
Hilleshög HIL2480**	217	377.1	99	13411	94	73.44	98	2604	93	35.63	20.15	1.29	18.86	87.7
SV 231	219	374.3	98	15199	106	72.51	97	2943	105	40.62	19.88	1.15	18.73	83.4
SX 1835**	202	367.2	96	14336	100	70.18	93	2749	98	38.83	19.65	1.28	18.37	91.4
Comm Benchmark Mean		382.3		14293		75.13		2808		37.43	20.22	1.11		91.7
Comm Trial Mean		384.4		14690		75.83		2896		38.26	20.33	1.11		87.5
Coeff. of Var. (%)		2.5		5.0		4.2		5.7		4.8	2.4	8.9		6.9
Mean LSD (0.05)		9.1		681		3.03		155		1.73	0.46	0.09		5.3
Mean LSD (0.01)		12.0		897		3.99		205		2.28	0.61	0.12		7.0
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Casselton ND

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

+ Revenue estimates are based on a \$54.53 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

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2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	326.6	101	9964	110	56.68	103	1726	112	30.57	17.59	1.27	16.32	91.7
BTS 8034	118	315.4	98	9561	106	52.99	96	1601	104	30.45	17.21	1.44	15.77	90.4
BTS 8156	105	326.4	101	9131	101	56.64	103	1588	103	27.89	17.66	1.34	16.32	89.6
BTS 8226	122	339.9	106	9317	103	61.12	111	1670	108	27.53	18.25	1.26	16.99	87.8
BTS 8270	107	343.7	107	9676	107	62.36	113	1746	113	28.30	18.40	1.21	17.19	85.9
BTS 8927 (CommBench)	117	341.1	106	9566	106	61.50	111	1722	112	28.12	18.31	1.26	17.05	84.7
Crystal 022	116	342.2	106	9011	100	61.86	112	1629	106	26.33	18.34	1.24	17.10	87.9
Crystal 130	111	323.1	100	9012	100	55.53	101	1550	100	27.91	17.53	1.37	16.16	83.3
Crystal 137	101	321.0	100	9038	100	54.85	99	1541	100	28.26	17.43	1.38	16.05	87.9
Crystal 138	103	323.9	101	9268	103	55.81	101	1592	103	28.75	17.55	1.36	16.19	85.2
Crystal 260	115	332.5	103	9772	108	58.66	106	1720	111	29.49	17.88	1.25	16.63	85.9
Crystal 262	109	310.3	96	9607	106	51.31	93	1589	103	30.98	16.89	1.37	15.52	74.3
Crystal 269	106	338.9	105	10010	111	60.76	110	1795	116	29.60	18.26	1.32	16.94	85.3
Crystal 793	108	328.9	102	9603	106	57.47	104	1680	109	29.16	17.72	1.27	16.45	89.3
Crystal 912	114	305.3	95	9917	110	49.63	90	1611	104	32.52	16.64	1.38	15.26	90.6
Hilleshög HIL2386	119	306.8	95	9052	100	50.14	91	1477	96	29.58	16.66	1.32	15.34	87.0
Hilleshög HIL2389	112	329.3	102	9050	100	57.58	104	1580	102	27.57	17.71	1.25	16.46	89.9
Hilleshög HIL9920	110	307.6	96	8767	97	50.40	91	1435	93	28.54	16.74	1.37	15.37	82.3
Maribo MA717	121	316.7	98	9541	106	53.43	97	1607	104	30.19	17.06	1.22	15.84	84.1
SV 203	102	336.4	104	9242	102	59.94	109	1648	107	27.51	18.01	1.19	16.82	87.4
SX 1815	120	324.8	101	9092	101	56.11	102	1564	101	28.14	17.50	1.26	16.24	88.9
SX 1818	104	314.9	98	9468	105	52.82	96	1586	103	30.14	17.08	1.34	15.74	80.9
Crystal 578RR (CommBench)	123	306.4	95	8833	98	50.01	91	1438	93	28.90	16.78	1.46	15.32	89.5
BTS 8815 (CommBench)	124	314.9	98	8614	95	52.81	96	1443	93	27.41	17.16	1.41	15.75	90.8
Crystal 803 (CommBench)	125	325.6	101	9081	101	56.35	102	1571	102	27.94	17.61	1.34	16.27	83.1
Experimental Trial (Comm status)														
BTS 8328	225	336.1	104	9251	103	59.77	108	1643	106	27.63	18.15	1.46	16.69	75.9
BTS 8359**	221	318.9	99	10356	115	54.15	98	1759	114	32.51	17.35	1.44	15.91	76.1
BTS 8365	228	342.8	106	9572	106	61.95	112	1731	112	27.89	18.35	1.24	17.11	80.7
Crystal 360	218	342.7	106	9587	106	61.90	112	1737	113	27.96	18.32	1.21	17.11	80.4
Crystal 361	227	326.4	101	10631	118	56.61	103	1849	120	32.55	17.69	1.33	16.37	75.2
Crystal 364	232	313.7	97	9545	106	52.45	95	1601	104	30.40	17.16	1.52	15.64	81.5
Crystal 369	231	313.5	97	10006	111	52.38	95	1670	108	32.07	17.04	1.39	15.65	77.7
Hilleshög HIL2479	215	323.0	100	9180	102	55.47	101	1576	102	28.48	17.54	1.41	16.12	72.5
Hilleshög HIL2480**	217	322.9	100	8868	98	55.46	101	1526	99	27.45	17.56	1.47	16.09	78.0
SV 231	219	316.4	98	10593	117	53.33	97	1786	116	33.50	17.10	1.32	15.79	77.8
SX 1835**	202	308.7	96	10667	118	50.83	92	1759	114	34.52	16.81	1.44	15.37	82.9
Comm Benchmark Mean		322.0		9024		55.17		1544		28.09	17.47	1.37		87.0
Comm Trial Mean		323.8		9353		55.78		1607		28.99	17.52	1.33		86.5
Coeff. of Var. (%)		2.8		5.1		5.4		6.8		4.5	2.3	6.9		8.0
Mean LSD (0.05)		9.0		486		2.99		112		1.30	0.39	0.09		5.9
Mean LSD (0.01)		11.9		640		3.94		148		1.72	0.52	0.12		7.7
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Averill MN

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

+ Revenue estimates are based on a \$54.53 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

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2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	373.8	100	12933	104	72.33	100	2505	104	34.62	19.48	0.79	18.69	87.6
BTS 8034	118	361.0	96	12348	100	68.09	94	2324	97	34.43	18.95	0.90	18.05	81.5
BTS 8156	105	365.8	98	11871	96	69.67	96	2260	94	32.49	19.11	0.82	18.29	85.2
BTS 8226	122	383.0	102	12561	101	75.37	104	2471	103	32.79	19.88	0.73	19.15	81.1
BTS 8270	107	361.3	97	11938	96	68.18	94	2256	94	33.04	18.94	0.88	18.06	81.8
BTS 8927 (CommBench)	117	385.3	103	12819	103	76.14	105	2534	105	33.36	19.97	0.70	19.27	86.2
Crystal 022	116	373.6	100	11943	96	72.27	100	2306	96	31.97	19.50	0.82	18.68	80.6
Crystal 130	111	367.0	98	12193	98	70.07	97	2324	97	33.28	19.19	0.84	18.35	84.9
Crystal 137	101	355.2	95	11797	95	66.17	91	2196	91	33.14	18.64	0.88	17.76	84.9
Crystal 138	103	359.8	96	12108	98	67.69	93	2281	95	33.62	18.83	0.84	17.99	78.7
Crystal 260	115	372.3	99	12666	102	71.83	99	2446	102	33.96	19.44	0.83	18.61	88.1
Crystal 262	109	355.9	95	12250	99	66.39	92	2282	95	34.48	18.55	0.76	17.79	75.2
Crystal 269	106	390.3	104	12872	104	77.78	107	2563	107	33.07	20.30	0.77	19.53	80.8
Crystal 793	108	368.4	98	12615	102	70.55	97	2412	100	34.26	19.21	0.79	18.42	85.6
Crystal 912	114	337.9	90	12875	104	60.45	83	2302	96	38.14	17.77	0.88	16.89	85.7
Hilleshög HIL2386	119	358.9	96	11921	96	67.40	93	2238	93	33.22	18.80	0.85	17.95	82.0
Hilleshög HIL2389	112	352.9	94	12743	103	65.40	90	2362	98	35.97	18.49	0.85	17.64	89.2
Hilleshög HIL9920	110	358.9	96	12267	99	67.40	93	2306	96	34.14	18.74	0.79	17.95	84.5
Maribo MA717	121	347.9	93	12265	99	63.74	88	2238	93	35.29	18.28	0.88	17.40	82.0
SV 203	102	363.1	97	12793	103	68.78	95	2424	101	35.15	18.98	0.82	18.16	84.5
SX 1815	120	371.4	99	13072	105	71.54	99	2517	105	35.28	19.36	0.79	18.57	85.5
SX 1818	104	353.8	95	12799	103	65.72	91	2378	99	36.17	18.47	0.78	17.69	81.2
Crystal 578RR (CommBench)	123	360.7	96	12097	97	67.98	94	2282	95	33.53	18.87	0.84	18.03	90.8
BTS 8815 (CommBench)	124	379.2	101	12120	98	74.13	102	2374	99	31.98	19.69	0.73	18.96	86.5
Crystal 803 (CommBench)	125	371.6	99	12603	102	71.59	99	2426	101	33.99	19.40	0.82	18.58	90.9
Experimental Trial (Comm status)														
BTS 8328	225	378.0	101	12392	100	73.72	102	2449	102	32.76	19.73	0.81	18.92	80.1
BTS 8359**	221	372.7	100	13027	105	71.92	99	2520	105	34.88	19.50	0.85	18.64	82.9
BTS 8365	228	402.4	108	12280	99	82.08	113	2511	104	30.46	20.81	0.70	20.12	80.6
Crystal 360	218	389.7	104	12868	104	77.76	107	2576	107	32.95	20.25	0.75	19.50	82.8
Crystal 361	227	380.6	102	13064	105	74.62	103	2586	108	34.20	19.82	0.77	19.05	80.6
Crystal 364	232	364.5	97	13594	110	69.16	95	2593	108	37.38	19.01	0.78	18.23	87.8
Crystal 369	231	397.7	106	13825	111	80.46	111	2798	116	35.03	20.68	0.80	19.88	85.0
Hilleshög HIL2479	215	382.8	102	10775	87	75.36	104	2129	89	28.14	19.96	0.82	19.15	77.2
Hilleshög HIL2480**	217	383.2	102	11244	91	75.51	104	2219	92	29.53	20.03	0.86	19.16	74.3
SV 231	219	360.3	96	14043	113	67.72	93	2641	110	38.86	18.83	0.81	18.03	85.1
SX 1835**	202	372.2	99	13547	109	71.80	99	2623	109	36.52	19.37	0.76	18.61	87.2
Comm Benchmark Mean		374.2		12410		72.46		2404		33.22	19.48	0.77		88.6
Comm Trial Mean		364.7		12423		69.33		2359		34.11	19.05	0.82		84.2
Coeff. of Var. (%)		2.9		5.3		5.0		6.3		5.2	2.5	8.0		7.8
Mean LSD (0.05)		9.7		589		3.21		135		1.58	0.44	0.06		5.5
Mean LSD (0.01)		12.8		776		4.22		177		2.08	0.58	0.08		7.2
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
Hillsboro 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	
Commercial Trial														
BTS 8018	113	322.8	98	10555	101	55.43	96	1812	99	32.71	17.27	1.13	16.14	71.3
BTS 8034	118	325.1	98	10551	101	56.19	97	1822	100	32.50	17.41	1.16	16.25	79.5
BTS 8156	105	317.4	96	10352	99	53.65	93	1752	96	32.60	17.09	1.23	15.86	67.9
BTS 8226	122	337.5	102	10972	105	60.30	104	1961	107	32.46	17.94	1.07	16.87	70.0
BTS 8270	107	326.7	99	10309	99	56.72	98	1790	98	31.54	17.50	1.17	16.33	66.4
BTS 8927 (CommBench)	117	337.5	102	10371	99	60.31	104	1851	101	30.80	17.93	1.06	16.87	74.8
Crystal 022	116	330.3	100	10131	97	57.92	100	1779	97	30.63	17.61	1.10	16.51	71.8
Crystal 130	111	332.2	101	10460	100	58.56	101	1847	101	31.41	17.64	1.01	16.63	74.9
Crystal 137	101	331.3	100	10339	99	58.25	101	1819	99	31.22	17.77	1.21	16.56	72.5
Crystal 138	103	325.6	99	10211	98	56.35	97	1769	97	31.32	17.50	1.22	16.28	66.5
Crystal 260	115	337.3	102	10693	102	60.23	104	1912	105	31.74	17.89	1.05	16.84	78.6
Crystal 262	109	316.8	96	10659	102	53.46	92	1801	98	33.60	17.01	1.17	15.84	64.5
Crystal 269	106	329.9	100	10263	98	57.80	100	1801	98	31.05	17.76	1.27	16.49	58.4
Crystal 793	108	330.0	100	9843	94	57.83	100	1727	94	29.75	17.67	1.17	16.50	75.5
Crystal 912	114	304.0	92	10958	105	49.21	85	1775	97	36.06	16.47	1.27	15.20	74.0
Hilleshög HIL2386	119	326.9	99	10251	98	56.78	98	1782	97	31.32	17.59	1.25	16.34	71.8
Hilleshög HIL2389	112	328.3	99	10046	96	57.25	99	1758	96	30.44	17.63	1.21	16.42	75.6
Hilleshög HIL9920	110	332.9	101	10396	100	58.77	101	1835	100	31.26	17.75	1.11	16.64	64.4
Maribo MA717	121	319.7	97	10597	102	54.41	94	1801	98	33.18	17.17	1.17	16.00	78.8
SV 203	102	335.4	102	10655	102	59.62	103	1894	104	31.87	17.83	1.07	16.76	71.1
SX 1815	120	331.8	100	10612	102	58.41	101	1870	102	31.92	17.69	1.10	16.59	73.6
SX 1818	104	325.3	98	10013	96	56.26	97	1730	95	30.71	17.48	1.21	16.27	64.4
Crystal 578RR (CommBench)	123	323.7	98	10491	101	55.73	96	1808	99	32.43	17.39	1.21	16.18	79.6
BTS 8815 (CommBench)	124	332.0	101	10764	103	58.49	101	1895	104	32.46	17.70	1.10	16.60	75.7
Crystal 803 (CommBench)	125	327.9	99	10114	97	57.14	99	1762	96	30.83	17.56	1.16	16.40	72.0
Experimental Trial (Comm status)														
BTS 8328	225	338.3	102	10129	97	60.58	105	1811	99	30.01	17.97	1.07	16.90	62.1
BTS 8359**	221	327.0	99	10466	100	56.80	98	1807	99	32.32	17.56	1.25	16.31	71.5
BTS 8365	228	345.3	105	9616	92	62.88	109	1752	96	27.70	18.35	1.06	17.28	76.6
Crystal 360	218	338.1	102	10085	97	60.52	104	1805	99	29.75	18.03	1.13	16.90	80.1
Crystal 361	227	335.1	101	10844	104	59.54	103	1915	105	32.66	17.79	1.05	16.74	79.7
Crystal 364	232	316.1	96	10910	105	53.22	92	1833	100	34.59	16.91	1.13	15.78	78.5
Crystal 369	231	337.4	102	10937	105	60.29	104	1947	106	32.75	18.05	1.24	16.81	73.4
Hilleshög HIL2479	215	351.3	106	9215	88	64.89	112	1699	93	26.33	18.61	1.05	17.55	68.4
Hilleshög HIL2480**	217	338.0	102	9680	93	60.49	104	1725	94	28.81	18.13	1.26	16.87	75.0
SV 231	219	327.6	99	11060	106	57.01	98	1925	105	33.79	17.50	1.15	16.35	78.9
SX 1835**	202	319.0	97	10727	103	54.17	94	1822	100	33.66	17.17	1.25	15.92	80.1
Comm Benchmark Mean		330.3		10435		57.92		1829		31.63	17.65	1.13		75.5
Comm Trial Mean		327.0		10401		56.83		1807		31.81	17.51	1.16		71.8
Coeff. of Var. (%)		2.4		6.3		4.5		7.3		6.0	1.8	10.2		15.8
Mean LSD (0.05)		7.4		620		2.43		126		1.75	0.30	0.11		9.7
Mean LSD (0.01)		9.7		817		3.21		166		2.30	0.40	0.15		12.8
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Hillsboro 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
Climax 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	
Commercial Trial														
BTS 8018	113	299.6	104	10815	108	47.76	108	1727	113	36.17	16.03	1.06	14.97	72.9
BTS 8034	118	283.2	98	10507	105	42.33	96	1569	102	37.03	15.47	1.30	14.17	78.4
BTS 8156	105	286.8	99	10470	105	43.50	98	1591	104	36.46	15.62	1.28	14.34	72.4
BTS 8226	122	305.2	106	10917	109	49.60	112	1776	116	35.65	16.28	1.02	15.26	67.5
BTS 8270	107	288.3	100	10652	106	44.00	100	1626	106	36.97	15.58	1.17	14.41	68.4
BTS 8927 (CommBench)	117	300.1	104	10444	104	47.93	108	1666	109	34.79	16.10	1.09	15.01	73.8
Crystal 022	116	303.4	105	10283	103	49.02	111	1662	109	34.04	16.34	1.17	15.17	76.7
Crystal 130	111	299.3	104	10823	108	47.64	108	1721	112	36.21	16.14	1.18	14.96	78.7
Crystal 137	101	289.1	100	10306	103	44.29	100	1582	103	35.49	15.77	1.30	14.47	70.5
Crystal 138	103	285.8	99	9851	98	43.18	98	1487	97	34.48	15.61	1.32	14.29	68.7
Crystal 260	115	292.3	101	10605	106	45.33	103	1651	108	36.06	15.79	1.17	14.62	74.0
Crystal 262	109	288.4	100	10654	106	44.05	100	1620	106	37.07	15.58	1.16	14.42	69.8
Crystal 269	106	294.6	102	10633	106	46.09	104	1661	108	36.12	16.05	1.32	14.73	76.8
Crystal 793	108	294.6	102	10647	106	46.10	104	1672	109	35.89	15.87	1.14	14.73	69.1
Crystal 912	114	287.1	99	10487	105	43.62	99	1600	104	36.39	15.56	1.21	14.35	83.8
Hilleshög HIL2386	119	289.3	100	10491	105	44.33	100	1602	105	36.46	15.73	1.27	14.46	64.6
Hilleshög HIL2389	112	293.7	102	10253	102	45.80	104	1596	104	34.95	15.88	1.20	14.68	74.2
Hilleshög HIL9920	110	295.2	102	10227	102	46.31	105	1608	105	34.75	15.91	1.15	14.76	61.3
Maribo MA717	121	287.1	99	10614	106	43.60	99	1617	106	36.81	15.63	1.27	14.36	67.5
SV 203	102	294.0	102	10382	104	45.90	104	1621	106	35.35	15.89	1.20	14.69	75.7
SX 1815	120	292.0	101	10346	103	45.25	102	1603	105	35.39	15.81	1.21	14.60	77.4
SX 1818	104	287.3	99	10729	107	43.67	99	1625	106	37.61	15.55	1.19	14.36	61.2
Crystal 578RR (CommBench)	123	276.9	96	9712	97	40.25	91	1407	92	35.20	15.11	1.27	13.84	77.7
BTS 8815 (CommBench)	124	284.0	98	9215	92	42.60	96	1381	90	32.33	15.41	1.21	14.20	73.1
Crystal 803 (CommBench)	125	294.5	102	10655	106	46.06	104	1671	109	36.13	15.98	1.25	14.73	80.9
Experimental Trial (Comm status)														
BTS 8328	225	293.7	102	10074	101	45.75	103	1564	102	34.50	15.96	1.30	14.66	78.6
BTS 8359**	221	283.6	98	9680	97	42.53	96	1440	94	34.20	15.43	1.27	14.17	74.4
BTS 8365	228	292.3	101	9758	98	45.28	102	1509	99	33.64	15.69	1.09	14.60	75.4
Crystal 360	218	299.3	104	9524	95	47.54	108	1509	99	32.15	16.13	1.19	14.94	76.6
Crystal 361	227	299.5	104	10599	106	47.59	108	1680	110	35.50	16.09	1.10	14.99	78.2
Crystal 364	232	288.7	100	10812	108	44.16	100	1642	107	37.78	15.67	1.24	14.42	83.4
Crystal 369	231	290.7	101	9765	98	44.81	101	1498	98	33.76	15.79	1.27	14.53	76.5
Hilleshög HIL2479	215	281.1	97	9526	95	41.75	94	1401	91	33.99	15.33	1.28	14.05	75.6
Hilleshög HIL2480**	217	283.3	98	9103	91	42.41	96	1364	89	32.27	15.67	1.54	14.12	77.2
SV 231	219	282.2	98	10272	103	42.08	95	1527	100	36.49	15.41	1.32	14.09	80.2
SX 1835**	202	279.5	97	10454	104	41.24	93	1533	100	37.30	15.37	1.40	13.96	81.4
Comm Benchmark Mean		288.9		10007		44.21		1531		34.61	15.65	1.21		76.4
Comm Trial Mean		291.4		10411		45.04		1609		35.73	15.77	1.20		72.4
Coeff. of Var. (%)		2.0		7.2		4.3		8.1		7.1	1.7	5.8		16.5
Mean LSD (0.05)		5.6		688		1.85		121		2.25	0.25	0.07		10.2
Mean LSD (0.01)		7.4		906		2.43		160		2.96	0.33	0.09		13.4
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Climax 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
Grand Forks 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	
Commercial Trial														
BTS 8018	113	327.7	100	11939	105	57.08	99	2081	104	36.36	17.26	0.87	16.39	89.6
BTS 8034	118	325.1	99	11821	104	56.19	98	2046	103	36.39	17.18	0.93	16.25	94.5
BTS 8156	105	326.8	99	11350	100	56.78	99	1966	99	34.68	17.19	0.85	16.34	93.8
BTS 8226	122	331.2	101	11649	102	58.22	101	2048	103	35.32	17.39	0.83	16.56	91.4
BTS 8270	107	336.2	102	11558	101	59.89	104	2062	104	34.30	17.65	0.84	16.81	91.9
BTS 8927 (CommBench)	117	339.7	103	11958	105	61.03	106	2146	108	35.31	17.73	0.75	16.98	90.6
Crystal 022	116	334.5	102	11349	100	59.30	103	2013	101	33.97	17.59	0.87	16.72	84.9
Crystal 130	111	326.3	99	11399	100	56.60	98	1981	99	35.06	17.20	0.88	16.32	90.4
Crystal 137	101	328.0	100	11187	98	57.16	99	1945	98	34.11	17.33	0.93	16.40	91.4
Crystal 138	103	335.6	102	11761	103	59.68	104	2092	105	35.29	17.60	0.81	16.79	85.9
Crystal 260	115	335.8	102	11836	104	59.76	104	2107	106	35.46	17.59	0.80	16.79	95.6
Crystal 262	109	326.8	99	12145	107	56.77	99	2110	106	37.19	17.15	0.81	16.34	84.4
Crystal 269	106	334.1	102	11534	101	59.18	103	2037	102	34.37	17.59	0.88	16.71	88.8
Crystal 793	108	329.2	100	11742	103	57.55	100	2051	103	35.62	17.29	0.83	16.46	87.2
Crystal 912	114	309.5	94	12180	107	51.02	89	2001	100	39.57	16.35	0.87	15.48	90.4
Hilleshög HIL2386	119	326.9	99	11347	100	56.80	99	1970	99	34.68	17.17	0.83	16.34	87.0
Hilleshög HIL2389	112	337.5	103	11837	104	60.31	105	2115	106	35.07	17.64	0.77	16.87	92.5
Hilleshög HIL9920	110	324.0	98	11369	100	55.82	97	1957	98	34.92	17.10	0.90	16.20	82.6
Maribo MA717	121	324.0	98	11770	103	55.83	97	2021	101	36.40	17.04	0.84	16.20	87.8
SV 203	102	327.2	99	11596	102	56.88	99	2020	101	35.34	17.23	0.87	16.36	93.5
SX 1815	120	327.5	100	11492	101	57.00	99	2000	100	35.10	17.24	0.86	16.38	91.7
SX 1818	104	327.4	100	11716	103	56.97	99	2038	102	35.86	17.23	0.86	16.37	85.9
Crystal 578RR (CommBench)	123	323.7	98	11207	98	55.75	97	1932	97	34.55	17.10	0.92	16.18	94.3
BTS 8815 (CommBench)	124	332.1	101	11157	98	58.53	102	1967	99	33.47	17.54	0.93	16.61	91.4
Crystal 803 (CommBench)	125	320.5	97	11253	99	54.68	95	1923	97	34.99	16.90	0.88	16.02	91.7
Experimental Trial (Comm status)														
BTS 8328	225	343.4	104	12246	107	62.45	109	2223	112	35.75	17.98	0.83	17.14	77.3
BTS 8359**	221	333.9	101	12147	107	59.17	103	2154	108	36.27	17.60	0.91	16.70	84.4
BTS 8365	228	345.8	105	11019	97	63.26	110	2018	101	31.79	18.04	0.78	17.26	85.9
Crystal 360	218	332.3	101	11261	99	58.62	102	1986	100	33.94	17.42	0.82	16.60	85.9
Crystal 361	227	330.9	101	11781	103	58.15	101	2073	104	35.53	17.33	0.81	16.52	85.9
Crystal 364	232	312.4	95	11230	99	51.78	90	1855	93	36.14	16.57	0.95	15.62	87.1
Crystal 369	231	334.4	102	11727	103	59.35	103	2084	105	34.93	17.60	0.88	16.72	87.5
Hilleshög HIL2479	215	333.9	101	9945	87	59.18	103	1757	88	29.68	17.54	0.86	16.68	85.6
Hilleshög HIL2480**	217	327.7	100	11007	97	57.01	99	1914	96	33.58	17.41	1.02	16.39	82.4
SV 231	219	318.3	97	12273	108	53.81	94	2080	104	38.42	16.79	0.87	15.92	86.3
SX 1835**	202	320.0	97	12252	108	54.38	95	2085	105	38.17	16.87	0.87	16.00	87.1
Comm Benchmark Mean		329.0		11394		57.50		1992		34.58	17.32	0.87		92.0
Comm Trial Mean		328.4		11632		57.29		2027		35.46	17.28	0.86		89.9
Coeff. of Var. (%)		2.1		3.6		3.9		4.8		3.3	1.7	6.4		6.4
Mean LSD (0.05)		6.5		383		2.14		91		1.05	0.29	0.05		4.6
Mean LSD (0.01)		8.5		505		2.82		120		1.38	0.38	0.07		6.1
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Grand Forks 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	351.2	102	11679	103	64.86	103	2157	105	33.33	18.50	0.93	17.57	88.9
BTS 8034	118	337.7	98	11297	100	60.36	96	2013	98	33.59	18.10	1.21	16.89	91.9
BTS 8156	105	354.1	102	12002	106	65.81	104	2238	109	33.88	18.78	1.08	17.70	92.2
BTS 8226	122	357.6	103	11828	105	66.95	106	2212	107	33.04	18.79	0.92	17.87	89.8
BTS 8270	107	341.4	99	11897	105	61.60	98	2144	104	34.87	18.17	1.09	17.08	85.4
BTS 8927 (CommBench)	117	359.9	104	11576	102	67.74	107	2178	106	32.32	18.95	0.95	18.00	92.0
Crystal 022	116	350.9	101	10888	96	64.74	103	2011	98	31.13	18.57	1.01	17.56	83.4
Crystal 130	111	343.8	99	11616	103	62.41	99	2109	102	33.61	18.23	1.04	17.19	85.0
Crystal 137	101	336.8	97	11479	102	60.08	95	2044	99	34.05	18.01	1.18	16.83	89.8
Crystal 138	103	338.9	98	12092	107	60.76	96	2164	105	35.64	18.12	1.18	16.94	83.9
Crystal 260	115	355.5	103	12210	108	66.27	105	2277	110	34.45	18.72	0.94	17.78	90.9
Crystal 262	109	325.2	94	11967	106	56.23	89	2073	101	36.67	17.42	1.16	16.26	78.3
Crystal 269	106	355.5	103	12193	108	66.27	105	2265	110	34.36	18.77	1.00	17.77	85.1
Crystal 793	108	357.6	103	11917	105	66.97	106	2229	108	33.45	18.87	0.97	17.90	89.0
Crystal 912	114	315.5	91	12492	111	53.01	84	2099	102	39.47	16.86	1.09	15.77	85.9
Hilleshög HIL2386	119	348.4	101	11737	104	63.92	101	2155	105	33.76	18.49	1.07	17.42	73.8
Hilleshög HIL2389	112	346.5	100	12152	108	63.27	100	2226	108	35.10	18.37	1.04	17.33	91.7
Hilleshög HIL9920	110	337.0	97	10803	96	60.15	95	1923	93	32.05	17.95	1.11	16.84	83.4
Maribo MA717	121	333.0	96	12063	107	58.81	93	2132	103	35.99	17.77	1.13	16.64	88.6
SV 203	102	354.5	102	12381	110	65.94	105	2302	112	34.86	18.74	1.02	17.72	85.7
SX 1815	120	349.6	101	12026	106	64.30	102	2212	107	34.38	18.53	1.06	17.47	91.2
SX 1818	104	330.0	95	11806	105	57.82	92	2073	101	35.63	17.56	1.07	16.49	85.0
Crystal 578RR (CommBench)	123	332.2	96	10683	95	58.54	93	1882	91	32.24	17.88	1.27	16.61	93.0
BTS 8815 (CommBench)	124	347.4	100	11047	98	63.57	101	2026	98	31.94	18.44	1.06	17.38	87.8
Crystal 803 (CommBench)	125	344.0	99	11879	105	62.45	99	2157	105	34.39	18.33	1.14	17.19	90.9
Experimental Trial (Comm status)														
BTS 8328	225	336.2	97	11297	100	59.85	95	2004	97	33.66	18.03	1.21	16.82	85.6
BTS 8359**	221	329.8	95	11600	103	57.72	92	2046	99	34.89	17.70	1.26	16.44	83.0
BTS 8365	228	356.3	103	11734	104	66.55	106	2193	106	32.89	19.01	1.20	17.81	91.7
Crystal 360	218	344.8	100	11582	103	62.70	99	2110	102	33.62	18.52	1.26	17.26	88.2
Crystal 361	227	337.4	98	10959	97	60.23	95	1942	94	32.55	18.13	1.25	16.88	87.5
Crystal 364	232	345.9	100	13240	117	63.07	100	2416	117	38.01	18.56	1.24	17.32	90.0
Crystal 369	231	348.4	101	11967	106	63.93	101	2194	106	34.34	18.64	1.23	17.41	87.1
Hilleshög HIL2479	215	361.5	105	11903	105	68.29	108	2242	109	33.05	19.13	1.01	18.12	88.1
Hilleshög HIL2480**	217	349.0	101	11239	99	64.12	102	2061	100	32.34	18.59	1.16	17.44	83.7
SV 231	219	338.6	98	12621	112	60.65	96	2266	110	36.97	18.08	1.12	16.96	87.9
SX 1835**	202	338.2	98	12281	109	60.51	96	2203	107	36.09	18.09	1.21	16.88	89.7
Comm Benchmark Mean		345.9		11296		63.08		2061		32.72	18.40	1.11		90.9
Comm Trial Mean		344.0		11783		62.47		2137		34.30	18.27	1.07		87.4
Coeff. of Var. (%)		2.9		5.9		5.3		7.2		5.6	2.4	9.4		8.0
Mean LSD (0.05)		9.4		628		3.13		141		1.68	0.42	0.10		5.7
Mean LSD (0.01)		12.4		827		4.12		186		2.22	0.55	0.13		7.5
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
Forest River 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	
Commercial Trial														
BTS 8018	113	360.4	101	12634	107	67.88	101	2380	107	35.07	18.79	0.77	18.02	86.8
BTS 8034	118	342.6	96	11917	101	62.00	92	2161	97	34.68	17.99	0.86	17.13	81.5
BTS 8156	105	345.7	97	11718	99	63.01	94	2138	96	33.86	18.08	0.80	17.28	81.9
BTS 8226	122	368.6	103	12539	106	70.61	105	2403	108	33.99	19.18	0.75	18.43	80.0
BTS 8270	107	361.7	101	12036	102	68.32	102	2270	102	33.33	18.91	0.83	18.08	79.6
BTS 8927 (CommBench)	117	366.8	102	12535	106	70.01	104	2393	108	34.18	19.07	0.73	18.34	88.0
Crystal 022	116	364.9	102	11910	101	69.39	103	2264	102	32.65	19.00	0.75	18.25	80.0
Crystal 130	111	356.4	100	12200	103	66.57	99	2279	103	34.22	18.59	0.76	17.83	76.6
Crystal 137	101	355.3	99	11652	98	66.20	99	2171	98	32.79	18.53	0.76	17.77	78.7
Crystal 138	103	355.3	99	11750	99	66.20	99	2187	99	33.11	18.56	0.79	17.77	76.0
Crystal 260	115	355.6	99	12173	103	66.31	99	2273	102	34.18	18.63	0.84	17.79	83.6
Crystal 262	109	349.0	97	12246	104	64.12	96	2247	101	35.15	18.16	0.71	17.45	73.7
Crystal 269	106	370.9	104	11859	100	71.38	106	2279	103	32.02	19.49	0.95	18.54	74.2
Crystal 793	108	360.2	101	12215	103	67.83	101	2298	104	33.95	18.83	0.82	18.01	81.5
Crystal 912	114	348.0	97	12976	110	63.77	95	2379	107	37.27	18.15	0.75	17.40	85.0
Hilleshög HIL2386	119	346.1	97	12014	102	63.17	94	2191	99	34.74	18.25	0.94	17.31	75.4
Hilleshög HIL2389	112	357.6	100	12077	102	66.95	100	2262	102	33.76	18.67	0.80	17.87	84.9
Hilleshög HIL9920	110	360.7	101	12108	102	68.00	101	2282	103	33.57	18.85	0.81	18.04	76.0
Maribo MA717	121	347.6	97	11964	101	63.65	95	2189	99	34.46	18.20	0.82	17.38	81.6
SV 203	102	358.2	100	11930	101	67.15	100	2236	101	33.33	18.67	0.76	17.91	80.9
SX 1815	120	356.1	99	12125	102	66.47	99	2263	102	34.04	18.57	0.77	17.80	82.7
SX 1818	104	344.9	96	11975	101	62.75	93	2177	98	34.75	18.04	0.79	17.25	77.4
Crystal 578RR (CommBench)	123	347.5	97	11500	97	63.62	95	2104	95	33.13	18.23	0.86	17.37	84.7
BTS 8815 (CommBench)	124	359.1	100	11579	98	67.45	100	2175	98	32.24	18.79	0.84	17.95	82.7
Crystal 803 (CommBench)	125	359.1	100	11713	99	67.46	100	2201	99	32.60	18.83	0.87	17.96	83.9
Experimental Trial (Comm status)														
BTS 8328	225	361.5	101	11708	99	68.21	102	2224	100	32.26	18.94	0.87	18.08	75.0
BTS 8359**	221	349.6	98	11663	99	64.33	96	2158	97	33.25	18.35	0.89	17.46	83.2
BTS 8365	228	365.7	102	12147	103	69.61	104	2309	104	33.38	18.99	0.70	18.29	78.1
Crystal 360	218	348.1	97	11246	95	63.82	95	2066	93	32.28	18.23	0.83	17.40	89.1
Crystal 361	227	356.7	100	12249	104	66.68	99	2282	103	34.51	18.65	0.82	17.82	84.8
Crystal 364	232	351.7	98	11869	100	65.01	97	2197	99	33.74	18.39	0.81	17.58	84.8
Crystal 369	231	352.0	98	11825	100	65.12	97	2195	99	33.51	18.62	1.04	17.58	81.6
Hilleshög HIL2479	215	354.5	99	9513	80	65.93	98	1772	80	26.79	18.52	0.81	17.71	80.9
Hilleshög HIL2480**	217	356.2	99	11668	99	66.50	99	2188	99	32.42	18.73	0.94	17.80	85.2
SV 231	219	347.9	97	12414	105	63.74	95	2269	102	35.76	18.19	0.80	17.39	89.1
SX 1835**	202	347.0	97	12074	102	63.46	95	2211	100	34.97	18.18	0.83	17.35	84.4
Comm Benchmark Mean		358.1		11832		67.14		2218		33.04	18.73	0.83		84.8
Comm Trial Mean		355.6		12066		66.31		2249		33.95	18.59	0.80		80.7
Coeff. of Var. (%)		2.3		4.2		4.1		5.2		3.8	2.1	8.1		10.8
Mean LSD (0.05)		7.8		481		2.58		112		1.22	0.36	0.06		7.4
Mean LSD (0.01)		10.3		633		3.41		147		1.61	0.48	0.08		9.7
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Forest River 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	331.1	99	13702	104	58.19	98	2403	103	41.47	17.50	0.95	16.55	77.1
BTS 8034	118	321.7	96	13474	102	55.08	93	2311	99	41.86	17.07	0.98	16.09	69.1
BTS 8156	105	323.6	97	12899	98	55.69	94	2224	95	39.85	17.16	0.98	16.18	67.2
BTS 8226	122	339.7	102	13537	103	61.03	103	2431	104	39.84	17.88	0.89	16.99	78.2
BTS 8270	107	332.7	99	12931	98	58.72	99	2282	98	38.81	17.59	0.94	16.65	64.0
BTS 8927 (CommBench)	117	332.0	99	13396	102	58.48	99	2363	101	40.24	17.51	0.91	16.60	80.2
Crystal 022	116	344.9	103	13332	101	62.76	106	2423	104	38.78	18.12	0.88	17.24	69.8
Crystal 130	111	343.3	103	13837	105	62.23	105	2500	107	40.32	18.09	0.93	17.16	73.2
Crystal 137	101	330.4	99	13073	99	57.94	98	2292	98	39.53	17.50	0.98	16.52	76.0
Crystal 138	103	340.1	102	13485	102	61.17	103	2420	104	39.83	18.00	1.01	16.99	69.5
Crystal 260	115	333.7	100	13478	102	59.04	100	2386	102	40.43	17.54	0.85	16.69	84.1
Crystal 262	109	328.7	98	13691	104	57.40	97	2386	102	41.82	17.30	0.88	16.42	60.8
Crystal 269	106	337.5	101	13317	101	60.30	102	2380	102	39.32	17.93	1.05	16.88	66.0
Crystal 793	108	328.2	98	13293	101	57.23	96	2327	100	40.44	17.35	0.93	16.42	75.5
Crystal 912	114	323.1	97	14057	107	55.53	94	2414	103	43.48	17.07	0.92	16.15	73.0
Hilleshög HIL2386	119	332.4	99	12667	96	58.61	99	2230	96	38.21	17.59	0.97	16.62	72.6
Hilleshög HIL2389	112	342.4	102	13067	99	61.92	104	2360	101	38.23	18.03	0.92	17.11	74.2
Hilleshög HIL9920	110	343.9	103	13071	99	62.43	105	2370	102	37.99	18.18	0.98	17.20	68.4
Maribo MA717	121	329.0	98	13031	99	57.48	97	2279	98	39.63	17.43	0.97	16.46	70.2
SV 203	102	348.2	104	13350	101	63.86	108	2446	105	38.39	18.37	0.97	17.40	75.6
SX 1815	120	342.3	102	13081	99	61.89	104	2368	102	38.25	18.09	0.98	17.11	74.9
SX 1818	104	335.5	100	13196	100	59.65	101	2343	100	39.31	17.71	0.94	16.77	76.1
Crystal 578RR (CommBench)	123	327.0	98	13097	100	56.82	96	2270	97	40.21	17.37	1.03	16.34	81.3
BTS 8815 (CommBench)	124	341.1	102	12834	98	61.51	104	2314	99	37.74	17.98	0.93	17.05	72.6
Crystal 803 (CommBench)	125	337.8	101	13308	101	60.42	102	2383	102	39.34	17.86	0.96	16.90	74.9
Experimental Trial (Comm status)														
BTS 8328	225	341.4	102	13166	100	61.58	104	2392	103	38.28	18.07	1.00	17.06	71.9
BTS 8359**	221	325.1	97	13018	99	56.20	95	2247	96	40.25	17.26	1.01	16.24	74.6
BTS 8365	228	348.7	104	13480	102	63.99	108	2484	106	38.33	18.24	0.81	17.43	74.6
Crystal 360	218	341.5	102	13033	99	61.61	104	2360	101	37.94	18.00	0.93	17.07	74.2
Crystal 361	227	334.6	100	14350	109	59.34	100	2542	109	43.18	17.58	0.87	16.72	75.8
Crystal 364	232	322.3	96	14785	112	55.29	93	2534	109	45.94	17.12	1.00	16.11	82.8
Crystal 369	231	342.9	103	13583	103	62.08	105	2471	106	39.51	18.12	0.97	17.14	79.3
Hilleshög HIL2479	215	339.9	102	12796	97	61.11	103	2306	99	37.51	18.00	0.99	17.01	73.1
Hilleshög HIL2480**	217	340.5	102	12588	96	61.31	103	2248	96	36.86	18.09	1.06	17.02	68.4
SV 231	219	332.0	99	14276	108	58.49	99	2505	107	42.64	17.57	0.97	16.60	80.1
SX 1835**	202	334.6	100	13496	103	59.35	100	2389	102	40.17	17.83	1.10	16.73	81.7
Comm Benchmark Mean		334.5		13159		59.31		2333		39.38	17.68	0.96		77.2
Comm Trial Mean		334.5		13301		59.32		2357		39.79	17.67	0.95		73.1
Coeff. of Var. (%)		2.5		5.5		4.7		6.7		4.9	2.2	7.8		13.4
Mean LSD (0.05)		7.8		644		2.58		142		1.77	0.36	0.07		8.7
Mean LSD (0.01)		10.3		848		3.40		187		2.33	0.47	0.09		11.5
Sig Lvl		0.01		0.01		0.01		0.05		0.01	0.01	0.01		0.01

2024 Data from Alvarado MN

Created 10/04/2024

@ 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 \$54.53 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

Trial # = 248310

Emergence not adjusted to commercial status.

** Does not meet Full Market Approval. Meets Aphanomyces Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	316.7	99	12223	105	53.42	98	2075	104	38.67	16.78	0.94	15.84	81.6
BTS 8034	118	300.0	94	11399	98	47.87	88	1821	91	37.85	16.05	1.06	14.99	88.0
BTS 8156	105	316.1	99	11291	97	53.23	97	1894	95	35.77	16.79	0.98	15.81	82.9
BTS 8226	122	333.8	104	12438	107	59.09	108	2212	111	37.22	17.50	0.81	16.69	85.4
BTS 8270	107	322.2	101	11859	102	55.25	101	2035	102	36.89	17.01	0.90	16.11	79.2
BTS 8927 (CommBench)	117	328.4	102	12071	104	57.29	105	2115	106	36.61	17.31	0.88	16.43	88.4
Crystal 022	116	328.0	102	11449	98	57.17	105	1981	99	34.68	17.27	0.86	16.41	78.5
Crystal 130	111	324.7	101	11812	101	56.05	102	2036	102	36.60	17.15	0.92	16.23	75.9
Crystal 137	101	314.9	98	10940	94	52.80	97	1823	91	34.64	16.71	0.97	15.74	80.6
Crystal 138	103	324.4	101	11751	101	55.98	102	2025	102	35.96	17.13	0.91	16.22	81.2
Crystal 260	115	325.0	101	11841	102	56.16	103	2039	102	36.52	17.16	0.92	16.24	84.1
Crystal 262	109	315.4	98	11911	102	52.98	97	1991	100	37.86	16.70	0.93	15.77	71.5
Crystal 269	106	324.5	101	12018	103	55.99	102	2071	104	36.93	17.16	0.93	16.23	82.0
Crystal 793	108	325.6	102	12108	104	56.38	103	2104	106	37.35	17.17	0.89	16.28	82.3
Crystal 912	114	310.8	97	11983	103	51.47	94	1980	99	38.34	16.51	0.97	15.54	78.2
Hilleshög HIL2386	119	312.9	98	10379	89	52.17	95	1737	87	33.33	16.54	0.89	15.65	79.0
Hilleshög HIL2389	112	328.2	102	11787	101	57.23	105	2059	103	36.18	17.28	0.87	16.41	82.8
Hilleshög HIL9920	110	322.2	101	11019	95	55.24	101	1890	95	34.35	17.05	0.94	16.11	74.9
Maribo MA717	121	307.0	96	10659	92	50.21	92	1724	87	34.58	16.30	0.95	15.35	85.9
SV 203	102	316.8	99	11610	100	53.45	98	1955	98	36.59	16.76	0.92	15.84	74.8
SX 1815	120	329.4	103	11969	103	57.63	105	2092	105	36.68	17.30	0.83	16.47	77.1
SX 1818	104	309.3	96	11667	100	50.97	93	1917	96	37.90	16.38	0.91	15.47	82.3
Crystal 578RR (CommBench)	123	317.4	99	11551	99	53.63	98	1956	98	36.38	16.83	0.96	15.87	75.2
BTS 8815 (CommBench)	124	314.7	98	11301	97	52.76	96	1899	95	35.87	16.69	0.96	15.73	82.0
Crystal 803 (CommBench)	125	321.8	100	11668	100	55.10	101	2001	100	36.53	16.97	0.88	16.09	83.4
Experimental Trial (Comm status)														
BTS 8328	225	314.9	98	11730	101	52.89	97	1977	99	36.95	16.73	0.98	15.75	77.5
BTS 8359**	221	310.4	97	11643	100	51.42	94	1919	96	37.73	16.50	0.97	15.53	83.6
BTS 8365	228	339.6	106	11499	99	60.77	111	2050	103	33.89	17.85	0.86	16.99	83.1
Crystal 360	218	321.1	100	11101	95	54.86	100	1918	96	34.22	16.92	0.86	16.06	90.3
Crystal 361	227	328.2	102	11798	101	57.13	104	2056	103	35.97	17.28	0.87	16.41	81.1
Crystal 364	232	311.6	97	11755	101	51.84	95	1953	98	37.66	16.55	0.96	15.60	82.8
Crystal 369	231	321.9	100	11786	101	55.09	101	2013	101	36.63	17.16	1.08	16.08	85.7
Hilleshög HIL2479	215	312.2	97	9933	85	52.00	95	1652	83	31.66	16.51	0.88	15.63	75.6
Hilleshög HIL2480**	217	300.6	94	10307	88	48.29	88	1636	82	34.53	16.09	1.06	15.03	80.2
SV 231	219	306.0	95	11913	102	50.06	92	1948	98	38.95	16.24	0.93	15.32	79.0
SX 1835**	202	300.7	94	11609	100	48.35	88	1860	93	38.84	16.03	1.00	15.03	82.4
Comm Benchmark Mean		320.6		11648		54.70		1993		36.35	16.95	0.92		82.3
Comm Trial Mean		319.3		11638		54.27		1977		36.48	16.89	0.92		80.6
Coeff. of Var. (%)		2.4		4.8		4.6		6.1		4.5	2.1	5.8		9.8
Mean LSD (0.05)		7.1		480		2.36		108		1.47	0.33	0.05		7.0
Mean LSD (0.01)		9.4		633		3.11		142		1.94	0.44	0.07		9.2
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
Hallock 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	
Commercial Trial														
BTS 8018	113	332.4	101	9456	97	58.61	101	1664	98	28.87	17.82	1.21	16.61	91.6
BTS 8034	118	312.2	94	9556	98	51.92	90	1589	93	30.55	17.13	1.53	15.60	89.5
BTS 8156	105	328.4	99	10064	103	57.30	99	1759	103	30.61	17.77	1.34	16.43	89.7
BTS 8226	122	338.1	102	9477	97	60.51	104	1701	100	28.83	18.18	1.28	16.90	89.5
BTS 8270	107	330.5	100	10325	106	57.98	100	1807	106	31.25	17.79	1.26	16.53	89.5
BTS 8927 (CommBench)	117	337.1	102	9540	98	60.17	104	1677	98	28.15	18.18	1.32	16.86	89.3
Crystal 022	116	340.5	103	9892	101	61.31	106	1788	105	29.11	18.27	1.25	17.02	88.0
Crystal 130	111	328.6	99	10600	109	57.37	99	1854	109	31.65	17.77	1.34	16.43	87.1
Crystal 137	101	336.7	102	9850	101	60.05	104	1767	104	29.32	18.15	1.32	16.83	89.0
Crystal 138	103	323.8	98	9647	99	55.78	96	1665	98	30.11	17.58	1.40	16.18	85.7
Crystal 260	115	343.3	104	10755	110	62.24	107	1940	114	32.07	18.34	1.18	17.16	92.2
Crystal 262	109	330.2	100	10508	108	57.90	100	1845	108	32.47	17.80	1.29	16.51	80.4
Crystal 269	106	351.0	106	10661	109	64.78	112	1947	114	30.69	18.73	1.17	17.56	82.2
Crystal 793	108	334.6	101	9560	98	59.35	102	1697	99	28.37	18.02	1.29	16.73	86.5
Crystal 912	114	300.9	91	10479	107	48.20	83	1687	99	34.36	16.61	1.56	15.05	89.3
Hilleshög HIL2386	119	303.8	92	10009	103	49.16	85	1610	94	32.52	16.67	1.47	15.20	88.1
Hilleshög HIL2389	112	336.0	102	10356	106	59.80	103	1857	109	31.22	18.01	1.21	16.80	86.9
Hilleshög HIL9920	110	323.7	98	10038	103	55.74	96	1743	102	30.63	17.60	1.41	16.19	83.4
Maribo MA717	121	309.6	94	10484	107	51.08	88	1730	101	33.73	16.92	1.43	15.49	81.8
SV 203	102	333.3	101	10132	104	58.91	102	1783	104	30.35	17.92	1.25	16.67	81.6
SX 1815	120	331.3	100	9709	100	58.25	100	1707	100	28.90	17.88	1.32	16.56	89.3
SX 1818	104	319.9	97	10006	103	54.48	94	1715	101	30.94	17.47	1.47	16.00	81.6
Crystal 578RR (CommBench)	123	321.5	97	9870	101	55.01	95	1689	99	30.36	17.52	1.44	16.08	90.2
BTS 8815 (CommBench)	124	325.9	99	9595	98	56.47	97	1681	99	29.51	17.66	1.36	16.30	90.7
Crystal 803 (CommBench)	125	337.5	102	10013	103	60.32	104	1778	104	29.43	18.11	1.22	16.89	91.2
Experimental Trial (Comm status)														
BTS 8328	225	335.8	102	9690	99	59.80	103	1697	99	28.98	18.04	1.26	16.79	79.5
BTS 8359**	221	319.2	97	9821	101	54.17	93	1672	98	30.36	17.45	1.46	15.98	83.6
BTS 8365	228	343.9	104	9601	98	62.52	108	1715	101	27.86	18.33	1.14	17.19	81.7
Crystal 360	218	330.6	100	8819	90	58.05	100	1551	91	26.36	17.81	1.28	16.53	87.9
Crystal 361	227	333.7	101	9603	98	59.07	102	1674	98	29.78	18.00	1.33	16.68	79.6
Crystal 364	232	329.2	100	10686	110	57.57	99	1869	110	32.01	17.71	1.25	16.46	83.6
Crystal 369	231	330.2	100	10317	106	57.88	100	1803	106	31.35	17.91	1.39	16.52	82.6
Hilleshög HIL2479	215	333.9	101	9831	101	59.13	102	1721	101	29.81	18.01	1.33	16.69	84.1
Hilleshög HIL2480**	217	315.0	95	9809	101	52.77	91	1636	96	31.01	17.21	1.44	15.78	79.7
SV 231	219	307.2	93	10615	109	50.13	86	1745	102	33.57	16.81	1.42	15.39	81.9
SX 1835**	202	317.1	96	10631	109	53.50	92	1774	104	33.06	17.37	1.46	15.90	85.8
Comm Benchmark Mean		330.5		9755		57.99		1706		29.36	17.87	1.34		90.3
Comm Trial Mean		328.2		10059		57.21		1751		30.71	17.74	1.33		87.5
Coeff. of Var. (%)		2.9		8.1		5.5		9.3		7.5	2.2	8.3		7.9
Mean LSD (0.05)		9.1		695		3.01		149		1.85	0.38	0.11		5.8
Mean LSD (0.01)		12.0		915		3.97		197		2.44	0.50	0.14		7.6
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 Data from Hallock 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 \$54.53 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 Specialty Approval, Rhizoctonia Specialty Approval, or both.

2024 Performance of Varieties - ACSC RR Official Trial
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	
Commercial Trial														
BTS 8018	113	303.4	98	10761	99	49.02	97	1733	97	35.47	16.18	1.01	15.17	78.7
BTS 8034	118	289.8	94	10674	98	44.51	88	1637	91	36.97	15.79	1.31	14.48	81.3
BTS 8156	105	303.5	98	10864	100	49.06	97	1758	98	35.60	16.33	1.15	15.18	74.2
BTS 8226	122	329.4	107	11160	102	57.62	114	1956	109	34.15	17.35	0.89	16.46	71.2
BTS 8270	107	314.4	102	11044	101	52.65	104	1845	103	35.26	16.72	1.00	15.72	69.6
BTS 8927 (CommBench)	117	324.4	105	11698	107	55.98	110	2022	113	36.02	17.13	0.91	16.22	80.0
Crystal 022	116	318.0	103	10502	96	53.86	106	1779	99	33.07	16.86	0.96	15.90	72.2
Crystal 130	111	312.8	101	10569	97	52.13	103	1763	98	33.97	16.62	0.98	15.64	71.4
Crystal 137	101	310.6	101	10642	98	51.41	101	1761	98	34.14	16.63	1.09	15.54	73.9
Crystal 138	103	309.4	100	10445	96	51.01	101	1721	96	33.89	16.47	1.00	15.47	66.0
Crystal 260	115	318.6	103	10905	100	54.05	107	1850	103	34.27	16.91	0.98	15.93	76.4
Crystal 262	109	304.8	99	10927	100	49.48	98	1773	99	35.81	16.24	1.00	15.24	55.9
Crystal 269	106	312.0	101	10509	96	51.88	102	1745	97	33.68	16.73	1.13	15.60	54.4
Crystal 793	108	314.7	102	10917	100	52.74	104	1823	102	34.70	16.71	0.97	15.74	76.5
Crystal 912	114	287.1	93	11078	102	43.61	86	1680	94	38.60	15.53	1.17	14.36	81.0
Hilleshög HIL2386	119	286.7	93	9914	91	43.48	86	1500	84	34.24	15.41	1.07	14.34	70.3
Hilleshög HIL2389	112	311.4	101	10726	98	51.65	102	1776	99	34.24	16.57	0.99	15.58	69.6
Hilleshög HIL9920	110	307.3	100	9951	91	50.32	99	1638	91	32.39	16.40	1.04	15.36	67.4
Maribo MA717	121	292.7	95	10228	94	45.46	90	1583	88	35.20	15.61	0.98	14.63	67.7
SV 203	102	297.4	96	10248	94	47.03	93	1625	91	34.50	15.96	1.09	14.87	70.5
SX 1815	120	310.4	101	10742	99	51.34	101	1773	99	34.74	16.52	1.00	15.52	73.6
SX 1818	104	297.4	96	10320	95	47.02	93	1629	91	34.88	15.92	1.05	14.87	70.9
Crystal 578RR (CommBench)	123	297.0	96	10696	98	46.90	93	1696	95	35.82	15.98	1.13	14.85	74.9
BTS 8815 (CommBench)	124	305.3	99	10562	97	49.65	98	1713	96	34.53	16.31	1.04	15.27	73.9
Crystal 803 (CommBench)	125	306.8	99	10610	97	50.15	99	1740	97	34.39	16.41	1.06	15.35	73.5
Experimental Trial (Comm status)														
BTS 8328	225	310.2	101	10596	97	51.23	101	1747	97	34.40	16.60	1.09	15.52	56.3
BTS 8359**	221	304.0	99	10737	99	49.27	97	1741	97	35.49	16.30	1.10	15.20	66.5
BTS 8365	228	322.7	105	10930	100	55.25	109	1871	104	33.53	16.96	0.79	16.17	71.5
Crystal 360	218	320.9	104	11062	102	54.65	108	1881	105	34.21	16.99	0.91	16.08	80.1
Crystal 361	227	314.4	102	11055	102	52.56	104	1858	104	34.82	16.70	0.96	15.74	74.0
Crystal 364	232	296.4	96	10627	98	46.87	93	1683	94	35.82	15.95	1.13	14.82	71.9
Crystal 369	231	312.6	101	10999	101	52.04	103	1840	103	34.60	16.68	1.02	15.66	65.4
Hilleshög HIL2479	215	301.7	98	9003	83	48.53	96	1439	80	29.81	16.12	1.02	15.10	55.7
Hilleshög HIL2480**	217	297.1	96	10094	93	47.07	93	1610	90	33.75	16.11	1.29	14.82	58.3
SV 231	219	301.6	98	11435	105	48.52	96	1852	103	37.01	16.04	0.93	15.12	76.3
SX 1835**	202	283.2	92	11334	104	42.64	84	1714	96	39.53	15.32	1.17	14.15	81.4
Comm Benchmark Mean		308.4		10892		50.67		1793		35.19	16.46	1.04		75.6
Comm Trial Mean		306.1		10665		49.90		1737		34.88	16.35	1.05		71.9
Coeff. of Var. (%)		2.7		4.8		5.5		6.6		4.3	2.3	7.5		13.5
Mean LSD (0.05)		7.9		479		2.63		110		1.35	0.36	0.08		8.2
Mean LSD (0.01)		10.5		631		3.46		145		1.78	0.47	0.10		10.8
Sig Lvl		0.01		0.01		0.01		0.01		0.01	0.01	0.01		0.01

2024 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 \$54.53 beet payment at 17.5% sugar & 1.5% loss to molasses and do not consider hauling costs.

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