2020 Performance of Approved RR Varieties - ACSC Official Trials

7 sites

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	341.4	102	8662	100	1.07	51.24	105	1300	102	18.14	25.34	164	1666	325	4	64.5
BTS 8500	123	314.2	94	9476	109	1.10	43.48	89	1307	103	16.81	30.24	190	1679	334	0	67.2
BTS 8524	101	317.4	95	9150	106	1.10	44.39	91	1279	101	16.97	28.83	185	1715	328	0	74.4
BTS 8606	109	322.7	97	9022	104	1.03	45.91	94	1284	101	17.17	27.98	187	1620	302	0	70.7
BTS 8629	105	317.4	95	10066	116	1.02	44.38	91	1406	111	16.89	31.76	184	1519	323	0	68.0
BTS 8767	116	321.2	96	9299	107	1.02	45.48	93	1317	104	17.08	28.95	179	1639	287	0	71.4
BTS 8815	108	328.6	99	9013	104	1.02	47.60	97	1307	103	17.45	27.40	186	1656	282	0	65.8
BTS 8882	107	314.8	94	9981	115	1.05	43.65	89	1381	109	16.80	31.78	186	1684	302	0	72.4
Crystal 572	103	340.6	102	9387	108	0.99	51.00	104	1405	110	18.02	27.62	139	1518	310	0	73.3
Crystal 574	126	316.5	95	10010	115	1.08	44.14	90	1396	110	16.91	31.60	192	1689	321	0	67.7
Crystal 684	119	316.7	95	10283	119	1.06	44.19	90	1432	113	16.90	32.59	187	1667	310	0	73.8
Crystal 793	102	335.2	101	10253	118	0.93	49.48	101	1514	119	17.70	30.58	155	1486	273	0	71.3
Crystal 796	124	321.7	96	9674	112	1.05	45.63	93	1372	108	17.14	30.08	178	1650	314	0	73.5
Crystal 803	242	333.6	100	9811	113	0.95	49.01	100	1444	114	17.62	29.35	151	1522	283	0	77.6
Crystal 804	215	312.5	94	10068	116	1.10	42.95	88	1383	109	16.72	32.22	209	1691	337	0	65.8
Crystal 808	207	323.1	97	9955	115	1.04	46.00	94	1417	111	17.19	30.83	213	1628	303	0	76.2
Hilleshög HM4448RR	120	317.5	95	9725	112	1.01	44.42	91	1358	107	16.89	30.73	173	1542	312	0	74.6
Hilleshög HM9528RR	125	323.5	97	9576	110	1.03	46.14	94	1362	107	17.21	29.63	197	1578	310	0	68.6
Hilleshög HIL9708	117	330.0	99	9420	109	0.98	47.99	98	1369	108	17.48	28.54	189	1518	284	0	72.0
Hilleshög HIL9920	122	333.4	100	9533	110	0.97	48.97	100	1398	110	17.64	28.60	177	1605	262	0	69.7
Maribo MA504	118	317.5	95	9787	113	1.00	44.42	91	1368	108	16.87	30.85	192	1559	288	0	72.2
Maribo MA717	113	329.0	99	10054	116	1.03	47.70	97	1454	114	17.47	30.63	191	1563	310	0	74.7
SX 1887	110	326.6	98	9270	107	1.02	47.02	96	1334	105	17.34	28.31	194	1586	296	0	66.9
SX 1888	106	327.9	98	9325	108	1.00	47.38	97	1345	106	17.40	28.50	164	1601	294	4	63.0
SX Marathon	115	327.6	98	9669	112	0.99	47.30	97	1396	110	17.37	29.53	162	1582	289	0	66.0
SV 285	235	335.6	101	9262	107	0.97	49.60	101	1373	108	17.74	27.51	149	1595	280	0	64.7
SV 265	121	332.4	100	9523	110	0.96	48.67	99	1396	110	17.58	28.65	153	1556	272	0	67.4
SV 268	111	328.3	98	9093	105	1.01	47.51	97	1317	104	17.42	27.64	173	1576	298	0	66.9
SV 333	114	327.7	98	9635	111	0.97	47.34	97	1391	109	17.36	29.44	161	1555	280	0	65.8
SV 375	104	327.5	98	9393	108	0.99	47.28	97	1352	106	17.37	28.78	161	1575	290	4	62.8
Experimental Trial (Comm status)																	
BTS 8927	238	347.7	104	9720	112	0.90	53.07	108	1482	117	18.28	27.95	140	1452	268	0	77.1
BTS 8938	237	329.2	99	9700	112	0.98	47.75	97	1409	111	17.44	29.43	172	1486	310	0	66.9
BTS 8961	203	321.4	96	9990	115	1.05	45.49	93	1415	111	17.12	31.06	190	1673	311	0	72.9
BTS 8976	212	335.5	101	9116	105	0.95	49.57	101	1351	106	17.72	27.10	160	1566	270	0	68.8
Crystal 912	230	322.7	97	10726	124	0.99	45.87	94	1520	120	17.12	33.31	188	1468	318	0	74.7
Crystal 913	245	332.9	100	10150	117	0.97	48.81	100	1490	117	17.61	30.48	171	1488	301	0	73.7
Crystal 916	206	320.6	96	9967	115	1.06	45.26	92	1410	111	17.09	31.04	176	1684	319	0	79.1
Hilleshög HIL2317	226	334.3	100	9428	109	0.97	49.24	101	1385	109	17.67	28.24	185	1594	265	0	71.9
Maribo MA902	223	332.7	100	9508	110	0.98	48.77	100	1393	110	17.60	28.61	176	1535	291	0	72.5
SX 1898	205	337.2	101	10198	118	0.95	50.03	102	1510	119	17.80	30.34	149	1562	275	0	72.4
Comm Benchmark Mean		333.5		8671		1.05	48.98		1272		17.72	26.03	167	1645	322		69.1
Trial Mean		325.9		9385		1.02	46.81		1346		17.31	28.85	178	1601	300		69.0
Coeff. of Var. (%)		3.3		5.4		8.0	6.6		7.7		2.9	4.4	22.3	5.1	15.0		12.6
F Value		323.7	**	8507		1.3	1.3		1.3		17.31	28.85	178.2	1601	300.3		69.04
Mean LSD (0.05)		6.7		335		0.05	1.92		64		0.32	1.00	22	45	24		5.1
Mean LSD (0.01)		8.9		442		0.06	2.53		85		0.42	1.31	29	59	32		6.8
Sig Lvl			**		**		**	**		**		**	**	**	**	**	**

2020 Data from 7 sites Bolters based upon 60,000 seed per acre. Created 10/28/2020

%Bnch = Percentage of benchmark varieties. Trial # = 20ACSExpB

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Casselton ND

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	344.7	102	11549	94	1.25	52.19	103	1750	96	18.49	33.57	198	1569	477	28	75.9
BTS 8500	123	312.4	92	13243	108	1.18	42.96	85	1823	100	16.81	42.39	218	1563	424	0	88.3
BTS 8524	101	324.0	96	13276	108	1.26	46.27	91	1891	104	17.46	41.16	205	1613	469	0	89.2
BTS 8606	109	334.3	99	12404	101	1.13	49.20	97	1829	100	17.85	37.05	216	1526	397	0	91.0
BTS 8629	105	320.7	95	13577	111	1.17	45.34	90	1918	105	17.21	42.27	215	1497	433	0	87.0
BTS 8767	116	329.3	97	12538	102	1.12	47.79	94	1819	100	17.58	38.15	195	1543	381	0	88.6
BTS 8815	108	343.5	101	12721	104	1.03	51.83	102	1920	105	18.21	37.10	185	1555	319	0	84.4
BTS 8882	107	315.7	93	13436	110	1.20	43.91	87	1871	102	16.99	42.50	224	1619	420	0	81.2
Crystal 572	103	342.9	101	12934	106	1.17	51.67	102	1949	107	18.32	37.53	180	1509	441	0	90.2
Crystal 574	126	321.9	95	13867	113	1.18	45.68	90	1971	108	17.27	42.96	205	1613	408	0	84.9
Crystal 684	119	322.1	95	13885	113	1.17	45.74	90	1970	108	17.28	43.00	204	1569	419	0	88.1
Crystal 793	102	342.9	101	14081	115	1.06	51.66	102	2121	116	18.20	41.02	186	1407	379	0	82.9
Crystal 796	124	328.7	97	13331	109	1.20	47.61	94	1935	106	17.63	40.41	210	1525	442	0	90.4
Crystal 803	242	338.0	100	13338	109	1.06	50.26	99	1983	109	17.96	39.45	136	1566	367	0	86.4
Crystal 804	215	310.9	92	13158	107	1.33	42.58	84	1799	98	16.87	42.36	177	1732	508	0	71.5
Crystal 808	207	333.9	98	13719	112	1.18	49.11	97	2018	110	17.87	41.05	179	1571	434	0	83.1
Hilleshög HM4448RR	120	315.5	93	12384	101	1.14	43.86	87	1719	94	16.93	39.36	223	1377	438	0	93.2
Hilleshög HM9528RR	125	330.2	97	12818	105	1.20	48.05	95	1865	102	17.70	38.99	238	1508	435	0	75.9
Hilleshög HIL9708	117	332.7	98	12648	103	1.15	48.75	96	1848	101	17.78	38.23	232	1406	429	0	87.8
Hilleshög HIL9920	122	341.5	101	12820	105	1.03	51.28	101	1927	105	18.10	37.61	201	1482	331	0	82.7
Maribo MA504	118	322.4	95	13026	106	1.18	45.81	90	1854	101	17.30	40.37	235	1468	437	0	91.5
Maribo MA717	113	336.2	99	13058	107	1.20	49.76	98	1934	106	18.01	38.93	219	1492	449	0	88.6
SX 1887	110	342.1	101	12375	101	1.06	51.43	102	1864	102	18.17	36.33	184	1472	365	0	85.3
SX 1888	106	333.2	98	12323	101	1.08	48.91	97	1809	99	17.74	37.02	183	1443	386	28	81.5
SX Marathon	115	331.5	98	12734	104	1.16	48.43	96	1862	102	17.74	38.18	202	1544	421	0	76.2
SV 285	235	350.1	103	13098	107	1.07	53.69	106	2006	110	18.58	37.45	133	1510	387	0	75.6
SV 265	121	340.9	100	13000	106	1.09	51.09	101	1945	106	18.13	37.91	185	1509	377	0	86.9
SV 268	111	335.1	99	11992	98	1.11	49.43	98	1767	97	17.86	35.76	197	1473	396	0	86.1
SV 333	114	338.3	100	12974	106	1.08	50.36	99	1928	106	17.99	38.38	177	1460	386	0	83.8
SV 375	104	333.5	98	12429	101	1.08	48.99	97	1827	100	17.76	37.41	198	1453	375	28	85.1
Experimental Trial (Comm status)																	
BTS 8927	238	343.3	101	12873	105	1.10	51.80	102	1941	106	18.27	37.46	153	1570	386	0	81.2
BTS 8938	237	332.1	98	13082	107	1.13	48.61	96	1914	105	17.75	39.35	163	1475	432	0	78.3
BTS 8961	203	329.4	97	13695	112	1.22	47.86	95	1988	109	17.70	41.56	183	1722	420	0	82.9
BTS 8976	212	343.8	101	13482	110	1.09	51.92	103	2035	111	18.28	39.20	166	1684	347	0	78.2
Crystal 912	230	322.7	95	13871	113	1.19	45.94	91	1972	108	17.33	43.01	177	1477	471	0	85.1
Crystal 913	245	335.7	99	13801	113	1.10	49.61	98	2038	112	17.88	41.14	164	1493	406	0	84.1
Crystal 916	206	327.6	97	13844	113	1.19	47.31	93	2000	109	17.57	42.21	146	1730	411	0	87.6
Hilleshög HIL2317	226	337.0	99	12438	102	1.08	50.00	99	1847	101	17.93	36.82	154	1633	360	0	74.7
Maribo MA902	223	328.8	97	12454	102	1.18	47.69	94	1805	99	17.64	37.87	185	1508	459	0	84.6
SX 1898	205	348.1	103	13056	107	1.07	53.13	105	1993	109	18.48	37.45	135	1529	383	0	77.7
Comm Benchmark Mean		339.3		12247		1.21	50.63		1827		18.18	36.10	150	1706	438		77.4
Trial Mean		331.5		12777		1.15	48.42		1864		17.72	38.59	209	1511	412		85.4
Coeff. of Var. (%)		3.2		4.4		7.9	6.2		6.9		2.7	2.9	18.4	5.5	12.4		5.7
F Value		323.7	**	8507		1.3	1.3		1.3		17.72	38.59	209.3	1511	412.4		85.43
Mean LSD (0.05)		13.0		680		0.11	3.72		159		0.59	1.34	47	99	63		5.9
Mean LSD (0.01)		17.2		898		0.15	4.91		210		0.78	1.76	62	130	84		7.8
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from Casselton ND Bolters based upon 60,000 seed per acre. Created 10/19/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208301

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Glyndon MN

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	328.8	103	8517	103	0.93	47.65	106	1238	107	17.37	25.80	157	1447	278	0	57.0
BTS 8500	123	311.7	97	9309	113	0.90	42.76	95	1278	110	16.48	29.82	158	1383	269	0	71.9
BTS 8524	101	308.8	97	9145	111	0.94	41.95	93	1244	108	16.38	29.64	168	1446	283	0	74.2
BTS 8606	109	314.9	98	8828	107	0.84	43.69	97	1220	105	16.58	28.15	157	1278	257	0	72.7
BTS 8629	105	312.0	98	9768	119	0.80	42.84	95	1349	117	16.40	31.10	139	1206	250	0	70.3
BTS 8767	116	310.6	97	8701	106	0.86	42.43	94	1187	103	16.38	28.04	174	1370	237	0	68.0
BTS 8815	108	309.9	97	8399	102	0.91	42.25	94	1143	99	16.40	27.27	189	1423	254	0	70.6
BTS 8882	107	302.0	94	9629	117	0.87	40.01	89	1271	110	15.97	31.97	194	1392	232	0	76.8
Crystal 572	103	326.9	102	8893	108	0.84	47.11	104	1278	110	17.18	27.31	136	1235	268	0	84.4
Crystal 574	126	308.6	96	9841	119	0.89	41.88	93	1340	116	16.32	31.79	163	1397	257	0	69.0
Crystal 684	119	309.3	97	9989	121	0.88	42.09	93	1354	117	16.35	32.51	166	1406	250	0	65.9
Crystal 793	102	324.3	101	9739	118	0.80	46.36	103	1395	121	17.02	30.02	156	1243	232	0	80.0
Crystal 796	124	317.0	99	9261	112	0.87	44.26	98	1301	112	16.72	29.18	145	1371	256	0	77.9
Crystal 803	242	320.6	100	9442	115	0.81	45.31	100	1343	116	16.85	28.97	130	1239	238	0	73.9
Crystal 804	215	306.5	96	10021	122	0.90	41.27	91	1351	117	16.22	32.57	230	1348	242	0	64.6
Crystal 808	207	310.3	97	9713	118	0.90	42.39	94	1326	115	16.41	31.11	217	1324	257	0	80.7
Hilleshög HM4448RR	120	310.6	97	9793	119	0.87	42.46	94	1339	116	16.40	31.70	150	1315	268	0	81.0
Hilleshög HM9528RR	125	318.8	100	9586	116	0.88	44.78	99	1358	117	16.82	29.86	165	1290	271	0	72.4
Hilleshög HIL9708	117	324.1	101	9282	113	0.78	46.31	103	1323	114	16.98	28.78	143	1243	222	0	79.2
Hilleshög HIL9920	122	324.9	102	9745	118	0.82	46.52	103	1400	121	17.07	29.76	135	1294	243	0	81.3
Maribo MA504	118	312.5	98	9919	120	0.80	43.00	95	1369	118	16.43	31.58	164	1254	228	0	77.6
Maribo MA717	113	328.0	103	9878	120	0.87	47.43	105	1427	123	17.27	30.22	178	1292	263	0	71.9
SX 1887	110	313.2	98	8906	108	0.82	43.19	96	1229	106	16.48	28.25	157	1263	245	0	66.7
SX 1888	106	314.1	98	9182	111	0.81	43.46	96	1270	110	16.52	29.04	138	1300	235	0	72.9
SX Marathon	115	315.5	99	9272	113	0.81	43.84	97	1295	112	16.58	29.30	144	1273	238	0	65.9
SV 285	235	318.8	100	8900	108	0.79	44.81	99	1250	108	16.73	27.90	150	1209	233	0	61.7
SV 265	121	320.6	100	9517	116	0.76	45.29	100	1346	116	16.78	29.71	150	1226	207	0	68.8
SV 268	111	319.0	100	9034	110	0.80	44.85	99	1263	109	16.75	28.43	158	1242	234	0	72.1
SV 333	114	313.5	98	9252	112	0.79	43.28	96	1276	110	16.47	29.65	150	1275	220	0	65.4
SV 375	104	320.1	100	9147	111	0.85	45.16	100	1276	110	16.85	28.94	143	1310	258	0	66.4
Experimental Trial (Comm status)																	
BTS 8927	238	337.1	105	9405	114	0.76	50.02	111	1392	120	17.62	27.86	162	1162	213	0	83.3
BTS 8938	237	306.1	96	8693	106	0.85	41.15	91	1168	101	16.15	28.39	172	1116	291	0	68.9
BTS 8961	203	299.8	94	9096	110	0.92	39.38	87	1192	103	15.90	30.35	182	1328	285	0	80.8
BTS 8976	212	317.8	99	8002	97	0.77	44.53	99	1112	96	16.66	25.32	173	1161	218	0	73.8
Crystal 912	230	314.5	98	10423	127	0.82	43.59	97	1439	124	16.55	33.10	188	1199	247	0	65.6
Crystal 913	245	308.9	97	9648	117	0.82	41.96	93	1311	113	16.26	31.19	191	1171	250	0	78.4
Crystal 916	206	310.6	97	8702	106	0.85	42.47	94	1182	102	16.38	28.00	161	1316	244	0	84.0
Hilleshög HIL2317	226	314.1	98	8990	109	0.84	43.46	96	1237	107	16.54	28.62	212	1260	233	0	72.7
Maribo MA902	223	325.4	102	9072	110	0.81	46.67	103	1301	112	17.08	27.80	161	1261	225	0	71.7
SX 1898	205	318.8	100	9585	116	0.78	44.80	99	1338	116	16.72	30.10	130	1200	239	0	76.6
Comm Benchmark Mean		319.9		8237		0.89	45.12		1157		16.88	25.75	167	1335	263		68.6
Trial Mean		316.3		9118		0.85	44.08		1270		16.66	28.84	159	1320	248		72.9
Coeff. of Var. (%)		3.0		4.6		7.0	6.2		6.9		2.7	3.7	18.7	6.4	11.9		15.3
F Value		323.7	**	8507		1.3	1.3		1.3		16.66	28.84	159.1	1320	248.2		72.88
Mean LSD (0.05)		11.0		533		0.07	3.13		109		0.52	1.38	36	102	34		12.7
Mean LSD (0.01)		14.5		705		0.09	4.14		144		0.68	1.83	48	134	44		16.8
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from Glyndon MN Bolters based upon 60,000 seed per acre. Created 10/16/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208302

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Ada MN

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	324.8	101	8061	103	0.90	46.52	103	1148	104	17.14	24.87	135	1608	222	0	70.9
BTS 8500	123	307.6	96	8809	113	0.89	41.59	92	1194	109	16.28	28.63	135	1492	248	0	74.8
BTS 8524	101	304.8	95	8323	107	0.94	40.80	90	1118	102	16.19	27.36	161	1583	252	0	81.8
BTS 8606	109	312.5	97	8155	105	0.86	42.98	95	1116	102	16.47	26.02	140	1494	218	0	74.8
BTS 8629	105	310.5	97	8900	114	0.88	42.43	94	1220	111	16.40	28.60	148	1427	248	0	76.8
BTS 8767	116	308.6	96	8340	107	0.88	41.87	92	1129	103	16.30	27.21	157	1568	206	0	75.9
BTS 8815	108	321.9	100	7994	102	0.85	45.67	101	1138	104	16.95	24.94	136	1490	210	0	69.4
BTS 8882	107	308.2	96	9125	117	0.90	41.77	92	1233	112	16.32	29.72	132	1573	236	0	83.5
Crystal 572	103	327.9	102	8286	106	0.79	47.38	104	1201	109	17.19	25.28	100	1323	228	0	76.6
Crystal 574	126	311.0	97	9067	116	0.91	42.56	94	1248	114	16.47	29.09	144	1560	243	0	73.6
Crystal 684	119	311.7	97	9482	122	0.92	42.77	94	1309	119	16.51	30.49	148	1549	245	0	82.6
Crystal 793	102	323.2	101	9050	116	0.78	46.04	101	1285	117	16.95	28.04	110	1361	202	0	78.4
Crystal 796	124	311.4	97	8670	111	0.88	42.68	94	1187	108	16.45	27.88	143	1524	226	0	78.4
Crystal 803	242	323.3	101	8483	109	0.75	46.06	102	1205	110	16.91	26.26	115	1307	184	0	82.0
Crystal 804	215	303.2	95	8831	113	0.96	40.33	89	1168	106	16.12	29.18	181	1548	257	0	71.1
Crystal 808	207	305.8	95	8474	109	0.85	41.07	91	1138	104	16.14	27.68	174	1481	197	0	82.0
Hilleshög HM4448RR	120	311.3	97	9173	118	0.88	42.65	94	1260	115	16.45	29.54	125	1436	257	0	79.8
Hilleshög HM9528RR	125	314.0	98	8530	109	0.89	43.43	96	1170	106	16.60	27.30	149	1497	236	0	74.5
Hilleshög HIL9708	117	322.8	101	8749	112	0.82	45.92	101	1243	113	16.96	26.98	161	1382	214	0	77.5
Hilleshög HIL9920	122	332.1	104	8987	115	0.81	48.60	107	1315	120	17.41	27.04	132	1470	189	0	69.4
Maribo MA504	118	310.8	97	9357	120	0.81	42.50	94	1281	117	16.34	30.10	144	1426	193	0	82.5
Maribo MA717	113	327.5	102	9312	119	0.85	47.28	104	1341	122	17.21	28.42	131	1495	211	0	79.0
SX 1887	110	322.8	101	8762	112	0.83	45.94	101	1242	113	16.99	27.30	142	1444	207	0	74.0
SX 1888	106	318.1	99	8839	113	0.82	44.58	98	1238	113	16.74	27.88	117	1484	199	0	66.4
SX Marathon	115	315.9	98	9170	118	0.79	43.97	97	1278	116	16.58	28.91	110	1449	187	0	75.9
SV 285	235	321.5	100	8293	106	0.79	45.55	100	1171	107	16.86	25.82	108	1453	184	0	69.1
SV 265	121	320.9	100	8930	114	0.76	45.37	100	1262	115	16.80	27.73	114	1342	195	0	76.8
SV 268	111	317.6	99	8450	108	0.79	44.45	98	1177	107	16.66	26.52	118	1438	190	0	72.2
SV 333	114	319.6	100	9198	118	0.74	45.02	99	1297	118	16.72	28.82	112	1361	171	0	73.8
SV 375	104	318.3	99	8677	111	0.84	44.64	98	1217	111	16.76	27.29	120	1447	221	0	60.8
Experimental Trial (Comm status)																	
BTS 8927	238	333.7	104	8588	110	0.73	49.06	108	1257	114	17.41	25.78	106	1275	178	0	80.5
BTS 8938	237	323.8	101	7979	102	0.76	46.22	102	1136	103	16.95	24.63	109	1292	203	0	75.0
BTS 8961	203	304.3	95	8432	108	0.89	40.64	90	1125	102	16.11	27.70	143	1517	229	0	80.5
BTS 8976	212	328.7	102	7918	101	0.71	47.63	105	1145	104	17.14	24.09	107	1328	152	0	78.1
Crystal 912	230	309.2	96	8869	114	0.79	42.04	93	1201	109	16.25	28.74	133	1308	213	0	77.7
Crystal 913	245	323.8	101	8791	113	0.79	46.22	102	1252	114	16.97	27.15	126	1340	203	0	86.7
Crystal 916	206	309.2	96	8640	111	0.91	42.05	93	1171	107	16.36	27.97	120	1526	245	0	84.4
Hilleshög HIL2317	226	332.1	104	8858	114	0.78	48.61	107	1293	118	17.39	26.71	132	1398	182	0	77.3
Maribo MA902	223	323.9	101	8447	108	0.83	46.24	102	1200	109	17.02	26.10	134	1415	214	0	75.8
SX 1898	205	323.1	101	9504	122	0.77	46.02	101	1350	123	16.92	29.49	112	1398	180	0	80.9
Comm Benchmark Mean		320.8		7802		0.87	45.36		1099		16.91	24.35	126	1472	233		75.2
Trial Mean		317.3		8605		0.85	44.35		1201		16.71	27.16	135	1465	218		75.0
Coeff. of Var. (%)		2.8		4.0		7.1	5.8		6.2		2.6	3.2	19.4	5.7	14.3		8.3
F Value		323.7	**	8507		1.3	1.3		1.3		16.71	27.16	134.5	1465	218.4		74.98
Mean LSD (0.05)		10.5		425		0.07	2.99		90		0.50	1.11	31	102	38		7.8
Mean LSD (0.01)		13.8		562		0.10	3.94		119		0.66	1.47	41	134	50		10.3
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from Ada MN Bolters based upon 60,000 seed per acre. Created 10/16/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208304

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Grand Forks ND

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	366.8	103	8613	102	1.00	58.48	105	1379	104	19.35	23.40	155	1818	242	0	64.2
BTS 8500	123	334.9	94	9416	111	1.14	49.38	88	1387	105	17.88	28.17	187	1903	308	0	66.6
BTS 8524	101	338.5	95	8585	101	1.12	50.42	90	1280	97	18.04	25.28	183	1848	310	0	72.6
BTS 8606	109	340.1	95	8969	106	1.02	50.87	91	1343	102	18.03	26.37	185	1778	249	0	65.4
BTS 8629	105	337.2	94	9857	116	1.04	50.05	90	1461	110	17.90	29.23	180	1693	294	0	68.2
BTS 8767	116	358.1	100	9521	113	0.96	56.01	100	1490	113	18.87	26.59	140	1764	225	0	66.3
BTS 8815	108	367.8	103	8977	106	1.00	58.77	105	1437	109	19.38	24.37	153	1746	253	0	66.3
BTS 8882	107	335.9	94	10213	121	1.12	49.68	89	1509	114	17.90	30.40	203	1859	295	0	68.6
Crystal 572	103	368.5	103	9282	110	0.94	58.99	106	1486	112	19.38	25.21	124	1674	242	0	69.0
Crystal 574	126	342.2	96	9866	117	1.08	51.47	92	1485	112	18.20	28.80	175	1836	290	0	70.7
Crystal 684	119	345.4	97	10320	122	1.04	52.37	94	1561	118	18.29	29.95	151	1829	260	0	72.2
Crystal 793	102	359.0	100	10213	121	0.92	56.28	101	1601	121	18.88	28.45	145	1645	227	0	61.9
Crystal 796	124	339.7	95	9525	113	1.10	50.75	91	1427	108	18.09	28.00	186	1836	298	0	71.8
Crystal 803	242	343.5	96	9706	115	0.93	51.82	93	1465	111	18.12	28.24	159	1652	253	0	73.9
Crystal 804	215	330.6	92	9570	113	1.09	48.09	86	1400	106	17.62	28.76	211	1843	307	0	71.3
Crystal 808	207	350.7	98	9361	111	0.98	53.86	96	1453	110	18.52	26.45	180	1809	249	0	70.6
Hilleshög HM4448RR	120	344.1	96	9775	116	1.00	52.02	93	1481	112	18.21	28.37	143	1703	270	0	67.3
Hilleshög HM9528RR	125	341.6	96	9270	110	1.05	51.30	92	1398	106	18.15	27.00	195	1729	290	0	65.1
Hilleshög HIL9708	117	357.6	100	9554	113	0.98	55.86	100	1496	113	18.86	26.63	184	1704	238	0	66.2
Hilleshög HIL9920	122	363.7	102	9375	111	0.93	57.60	103	1488	112	19.12	25.74	147	1754	207	0	67.9
Maribo MA504	118	337.1	94	9541	113	1.02	50.03	90	1419	107	17.88	28.29	202	1763	247	0	62.7
Maribo MA717	113	349.2	98	9837	116	0.98	53.46	96	1507	114	18.43	28.06	175	1643	261	0	70.5
SX 1887	110	337.2	94	8595	102	1.10	50.04	90	1283	97	17.94	25.28	215	1751	304	0	66.4
SX 1888	106	356.0	100	9194	109	0.97	55.40	99	1431	108	18.77	25.84	135	1729	241	0	57.8
SX Marathon	115	351.3	98	9347	110	0.95	54.06	97	1444	109	18.52	26.52	136	1686	238	0	62.4
SV 285	235	361.3	101	8840	104	0.93	56.90	102	1389	105	19.00	24.67	129	1791	229	0	64.2
SV 265	121	355.0	99	9254	109	0.94	55.14	99	1437	109	18.69	26.07	134	1683	230	0	66.1
SV 268	111	349.8	98	8955	106	1.02	53.65	96	1380	104	18.51	25.42	162	1716	279	0	68.9
SV 333	114	348.0	97	9155	108	0.98	53.13	95	1402	106	18.39	26.26	154	1699	252	0	69.1
SV 375	104	354.0	99	8862	105	0.96	54.83	98	1377	104	18.65	24.93	135	1693	244	0	64.3
Experimental Trial (Comm status)																	
BTS 8927	238	369.2	103	10167	120	0.85	59.22	106	1641	124	19.30	27.36	136	1630	205	0	72.6
BTS 8938	237	348.7	98	10049	119	0.96	53.32	96	1531	116	18.41	29.00	188	1673	269	0	60.9
BTS 8961	203	351.6	98	10491	124	0.93	54.14	97	1629	123	18.51	29.51	163	1802	218	0	67.7
BTS 8976	212	358.7	100	8818	104	0.95	56.18	101	1372	104	18.89	24.97	153	1761	244	0	60.5
Crystal 912	230	332.7	93	10487	124	1.01	48.69	87	1556	118	17.63	31.02	202	1611	306	0	70.1
Crystal 913	245	350.9	98	9882	117	0.93	53.91	97	1519	115	18.48	28.26	142	1739	237	0	57.0
Crystal 916	206	340.9	95	10081	119	1.10	51.04	91	1509	114	18.16	29.68	196	1852	321	0	72.0
Hilleshög HIL2317	226	361.4	101	8916	105	0.95	56.93	102	1423	108	19.01	24.30	176	1797	230	0	68.9
Maribo MA902	223	357.7	100	9404	111	0.95	55.91	100	1464	111	18.85	26.45	165	1685	257	0	67.6
SX 1898	205	368.8	103	9372	111	0.89	59.08	106	1489	113	19.34	25.74	122	1678	226	0	70.0
Comm Benchmark Mean		357.5		8462		1.03	55.83		1323		18.91	23.66	155	1835	287		63.7
Trial Mean		349.6		9227		1.01	53.57		1414		18.49	26.39	165	1756	260		66.3
Coeff. of Var. (%)		3.3		5.4		8.3	6.1		7.4		2.9	4.2	22.9	5.0	19.3		16.9
F Value		323.7	**	8507		1.3	1.3		1.3		18.49	26.39	165.4	1756	260.4		66.32
Mean LSD (0.05)		14.3		634		0.10	4.09		133		0.67	1.43	45	109	60		13.1
Mean LSD (0.01)		18.9		838		0.13	5.41		176		0.88	1.89	59	144	80		17.3
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from Grand Forks NI Bolters based upon 60,000 seed per acre. Created 10/16/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208307

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Scandia MN

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	323.9	102	8148	103	0.98	46.25	105	1165	105	17.17	25.00	155	1601	279	0	74.9
BTS 8500	123	307.4	97	8915	112	0.98	41.53	94	1188	108	16.33	29.27	190	1659	248	0	78.4
BTS 8524	101	302.2	96	8312	105	0.96	40.06	91	1102	100	16.07	27.54	175	1720	219	0	80.8
BTS 8606	109	301.8	95	8146	102	0.91	39.93	91	1081	98	16.01	26.98	188	1570	219	0	74.0
BTS 8629	105	301.4	95	9719	122	0.93	39.82	90	1285	116	16.00	32.25	183	1503	251	0	75.1
BTS 8767	116	289.9	92	8152	103	0.98	36.55	83	1030	93	15.48	28.10	207	1642	249	0	79.7
BTS 8815	108	306.0	97	8300	104	0.93	41.13	93	1112	101	16.23	27.18	190	1626	222	0	76.3
BTS 8882	107	302.2	96	9605	121	0.99	40.04	91	1272	115	16.11	31.87	197	1718	241	0	81.3
Crystal 572	103	321.8	102	8661	109	0.90	45.65	104	1229	111	16.99	26.87	149	1496	247	0	75.3
Crystal 574	126	304.0	96	9078	114	1.00	40.56	92	1213	110	16.20	29.93	193	1703	248	0	73.8
Crystal 684	119	288.4	91	9716	122	1.02	36.12	82	1221	110	15.45	33.71	227	1712	254	0	79.0
Crystal 793	102	313.1	99	9598	121	0.86	43.16	98	1313	119	16.50	30.67	165	1470	223	0	79.5
Crystal 796	124	300.4	95	8811	111	0.92	39.53	90	1153	104	15.94	29.49	178	1602	223	0	76.3
Crystal 803	242	322.0	102	10455	132	0.89	45.73	104	1499	136	16.98	32.10	203	1549	253	0	88.7
Crystal 804	215	307.5	97	11877	149	1.01	41.50	94	1618	146	16.39	38.19	248	1706	297	0	77.3
Crystal 808	207	290.5	92	10478	132	0.96	36.58	83	1342	121	15.52	35.49	309	1574	268	0	85.6
Hilleshög HM4448RR	120	283.5	90	8934	112	0.90	34.70	79	1098	99	15.07	31.46	177	1587	207	0	80.1
Hilleshög HM9528RR	125	285.3	90	8897	112	0.94	35.23	80	1100	100	15.20	31.08	272	1573	213	0	73.9
Hilleshög HIL9708	117	297.2	94	8425	106	0.87	38.64	88	1097	99	15.74	28.32	208	1499	201	0	84.5
Hilleshög HIL9920	122	303.5	96	8324	105	0.84	40.42	92	1110	100	16.01	27.39	182	1547	173	0	75.1
Maribo MA504	118	283.0	90	8549	108	0.82	34.58	79	1045	95	14.97	30.18	172	1512	175	0	79.9
Maribo MA717	113	293.7	93	9815	123	0.90	37.63	85	1253	113	15.58	33.42	198	1567	212	0	84.9
SX 1887	110	311.3	98	9060	114	0.92	42.66	97	1236	112	16.48	29.11	170	1598	232	0	79.0
SX 1888	106	312.8	99	9260	117	0.92	43.09	98	1276	115	16.56	29.62	171	1552	236	0	72.6
SX Marathon	115	311.3	98	9258	116	0.88	42.66	97	1271	115	16.45	29.65	147	1550	219	0	76.2
SV 285	235	313.7	99	8588	108	0.87	43.33	98	1199	109	16.54	27.10	189	1529	242	0	80.1
SV 265	121	321.5	102	9294	117	0.84	45.55	103	1314	119	16.91	28.93	115	1520	211	0	74.6
SV 268	111	318.1	101	8774	110	0.86	44.60	101	1233	112	16.77	27.54	159	1536	202	0	80.5
SV 333	114	313.8	99	9031	114	0.85	43.37	98	1246	113	16.55	28.93	148	1482	207	0	80.6
SV 375	104	310.3	98	9517	120	0.90	42.35	96	1301	118	16.42	30.73	162	1530	227	0	77.4
Experimental Trial (Comm status)																	
BTS 8927	238	332.6	105	9624	121	0.76	48.82	111	1425	129	17.37	28.64	135	1338	234	0	83.2
BTS 8938	237	325.0	103	11203	141	0.96	46.60	106	1619	147	17.20	34.12	199	1503	317	0	80.9
BTS 8961	203	303.3	96	10733	135	0.97	40.27	91	1436	130	16.12	35.06	243	1609	289	0	88.0
BTS 8976	212	323.5	102	9041	114	0.84	46.17	105	1301	118	17.00	27.71	189	1485	240	0	83.1
Crystal 912	230	310.9	98	11984	151	0.90	42.50	97	1649	149	16.45	38.24	235	1450	281	0	93.3
Crystal 913	245	327.2	103	10104	127	0.85	47.23	107	1465	133	17.19	30.67	187	1385	266	0	84.1
Crystal 916	206	306.9	97	10659	134	0.96	41.33	94	1445	131	16.33	34.40	221	1671	282	0	90.8
Hilleshög HIL2317	226	297.3	94	9236	116	0.89	38.51	87	1211	110	15.75	30.78	249	1561	237	0	83.1
Maribo MA902	223	296.3	94	8893	112	0.86	38.23	87	1167	106	15.67	29.52	222	1542	215	0	93.1
SX 1898	205	312.3	99	10880	137	0.90	42.88	97	1514	137	16.53	34.37	222	1544	256	0	90.4
Comm Benchmark Mean		316.2		7948		0.94	44.03		1105		16.74	25.14	215	1590	277		83.7
Trial Mean		305.7		8764		0.92	41.06		1173		16.20	28.74	177	1584	225		77.5
Coeff. of Var. (%)		3.0		5.3		6.5	6.3		7.6		2.6	4.6	21.8	3.6	15.2		9.0
F Value		323.7	**	8507		1.3	1.3		1.3		16.2	28.74	177.3	1584	224.6		77.45
Mean LSD (0.05)		12.5		646		0.08	3.57		122		0.59	1.86	54	78	47		9.1
Mean LSD (0.01)		16.5		855		0.11	4.72		161		0.78	2.46	72	104	63		12.0
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from Scandia MN Bolters based upon 60,000 seed per acre. Created 10/19/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208308

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

East Grand Forks MN

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	344.2	103	7574	99	1.17	52.05	107	1149	103	18.37	21.81	171	1775	374	0	63.4
BTS 8500	123	309.6	93	8511	111	1.27	42.17	86	1153	103	16.74	27.64	186	1819	435	0	54.1
BTS 8524	101	319.9	96	7804	102	1.21	45.12	93	1095	98	17.20	24.60	172	1898	368	0	63.4
BTS 8606	109	314.3	94	7937	104	1.27	43.51	89	1085	97	17.00	25.64	235	1838	410	0	60.0
BTS 8629	105	306.4	92	9389	123	1.24	41.25	85	1260	113	16.56	30.70	217	1680	431	0	52.2
BTS 8767	116	310.0	93	8319	109	1.22	42.27	87	1120	100	16.71	27.13	206	1801	393	0	67.8
BTS 8815	108	323.6	97	8241	108	1.19	46.16	95	1179	106	17.38	25.44	206	1868	354	0	49.7
BTS 8882	107	316.7	95	8987	118	1.14	44.19	91	1252	112	16.98	28.40	178	1819	339	0	59.4
Crystal 572	103	343.1	103	8646	113	1.06	51.74	106	1300	116	18.23	25.35	123	1622	346	0	59.7
Crystal 574	126	309.4	93	9101	119	1.23	42.10	86	1242	111	16.69	29.25	223	1798	401	0	60.3
Crystal 684	119	308.9	93	9345	122	1.23	41.96	86	1262	113	16.69	30.55	212	1787	398	0	62.5
Crystal 793	102	333.2	100	9366	122	1.05	48.90	100	1370	123	17.72	28.32	144	1579	339	0	69.1
Crystal 796	124	318.7	96	9048	118	1.18	44.75	92	1266	113	17.13	28.40	180	1797	376	0	63.1
Crystal 803	242	347.9	105	8840	116	1.03	53.17	109	1357	122	18.44	25.32	138	1637	300	0	72.5
Crystal 804	215	307.1	92	8963	117	1.16	41.36	85	1209	108	16.53	29.21	212	1738	339	0	56.1
Crystal 808	207	321.1	97	8568	112	1.22	45.41	93	1208	108	17.28	26.90	234	1747	365	0	66.7
Hilleshög HM4448RR	120	307.5	92	8514	111	1.18	41.57	85	1156	104	16.55	27.59	234	1681	388	0	60.9
Hilleshög HM9528RR	125	329.6	99	9060	118	1.15	47.87	98	1308	117	17.62	27.65	180	1724	367	0	60.6
Hilleshög HIL9708	117	328.6	99	8788	115	1.11	47.59	98	1274	114	17.54	26.74	179	1705	344	0	61.3
Hilleshög HIL9920	122	319.9	96	8538	112	1.20	45.11	93	1192	107	17.17	26.78	230	1836	363	0	60.6
Maribo MA504	118	317.6	95	8881	116	1.17	44.46	91	1237	111	17.05	28.17	187	1725	380	0	63.1
Maribo MA717	113	314.9	95	8760	115	1.27	43.68	90	1211	109	17.03	27.94	200	1746	442	0	69.1
SX 1887	110	326.3	98	8762	115	1.12	46.94	96	1255	112	17.43	26.77	246	1735	329	0	56.6
SX 1888	106	319.3	96	8508	111	1.23	44.92	92	1198	107	17.21	26.68	224	1823	390	0	54.7
SX Marathon	115	332.6	100	9219	121	1.08	48.73	100	1350	121	17.70	27.66	162	1702	326	0	57.8
SV 285	235	330.3	99	7914	104	1.18	48.05	99	1155	103	17.70	23.97	181	1786	354	0	62.3
SV 265	121	331.0	99	8388	110	1.05	48.28	99	1221	109	17.61	25.39	144	1744	299	0	53.1
SV 268	111	314.5	95	8226	108	1.24	43.55	89	1144	103	16.95	26.05	228	1811	396	0	55.6
SV 333	114	319.0	96	9082	119	1.16	44.85	92	1279	115	17.10	28.36	186	1784	358	0	57.2
SV 375	104	314.3	94	8602	113	1.19	43.49	89	1180	106	16.92	27.69	213	1742	380	0	44.1
Experimental Trial (Comm status)																	
BTS 8927	238	348.7	105	8943	117	0.98	53.40	110	1360	122	18.41	25.58	140	1519	296	0	73.3
BTS 8938	237	332.4	100	8949	117	1.08	48.66	100	1304	117	17.69	27.23	143	1650	319	0	56.9
BTS 8961	203	323.5	97	8281	108	1.22	46.09	95	1189	106	17.41	25.90	212	1835	348	0	54.7
BTS 8976	212	334.2	100	8017	105	1.10	49.21	101	1180	106	17.81	24.02	164	1698	319	0	56.8
Crystal 912	230	328.6	99	9747	127	1.09	47.59	98	1386	124	17.51	30.30	183	1532	349	0	74.0
Crystal 913	245	337.7	101	9576	125	1.04	50.21	103	1428	128	17.94	28.48	154	1529	329	0	69.1
Crystal 916	206	320.7	96	8774	115	1.18	45.30	93	1232	110	17.22	27.40	179	1747	369	0	63.2
Hilleshög HIL2317	226	337.6	101	8377	110	1.07	50.17	103	1244	111	17.95	24.88	172	1687	300	0	67.9
Maribo MA902	223	337.7	101	8581	112	1.11	50.20	103	1289	116	17.99	24.98	197	1652	329	0	62.8
SX 1898	205	329.1	99	9234	121	1.14	47.74	98	1343	120	17.64	28.60	177	1734	336	0	60.2
Comm Benchmark Mean		332.7		7646		1.16	48.77		1116		17.80	23.09	176	1733	352		63.5
Trial Mean		321.4		8503		1.18	45.54		1199		17.25	26.57	194	1764	371		58.3
Coeff. of Var. (%)		4.3		7.6		10.1	8.7		10.2		3.6	7.3	28.9	4.7	17.6		17.3
F Value		323.7	**	8507		1.3	1.3		1.3		17.25	26.57	194.2	1764	371.4		58.27
Mean LSD (0.05)		18.3		880		0.16	5.21		164		0.80	2.67	73	107	90		12.6
Mean LSD (0.01)		24.1		1163		0.21	6.89		216		1.05	3.53	96	141	119		16.7
Sig Lvl		**		**		**	**		**		**	**	**	**	**		**

2020 Data from East Grand For Bolters based upon 60,000 seed per acre. Created 10/16/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208310

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2020 Performance of Approved RR Varieties - ACSC Official Trials

Bathgate ND

Description @	Code	Rec/T lbs.	Rec/T %Bnch	Rec/A lbs.	Rec/A %Bnch	Loss Mol %	Rev/T $ ++	Rev/T %Bnch	Rev/A $ ++	Rev/A %Bnch	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Bolter per Ac	Emerg. %
Commercial Trial																	
BTS 8337	112	356.4	102	8054	97	1.21	55.51	104	1249	98	19.03	22.72	160	1812	398	0	45.9
BTS 8500	123	319.1	92	8184	98	1.32	44.89	84	1148	90	17.28	25.73	252	1937	417	0	32.5
BTS 8524	101	326.8	94	8534	103	1.26	47.08	88	1227	97	17.60	26.13	233	1910	387	0	57.6
BTS 8606	109	338.2	97	8511	102	1.21	50.33	94	1268	100	18.12	25.24	197	1855	370	0	54.8
BTS 8629	105	331.5	95	9382	113	1.12	48.42	91	1371	108	17.69	28.32	213	1635	352	0	46.7
BTS 8767	116	341.7	98	9332	112	1.09	51.32	96	1403	111	18.17	27.18	167	1760	318	0	56.3
BTS 8815	108	330.6	95	8376	101	1.24	48.15	90	1216	96	17.76	25.36	250	1902	365	0	43.4
BTS 8882	107	325.6	93	9012	108	1.17	46.74	88	1296	102	17.45	27.67	189	1811	355	0	55.8
Crystal 572	103	354.2	102	8964	108	1.19	54.89	103	1392	110	18.91	25.37	161	1752	397	0	57.1
Crystal 574	126	316.9	91	9188	110	1.30	44.25	83	1278	101	17.14	29.05	253	1917	403	0	41.6
Crystal 684	119	332.7	95	9356	112	1.19	48.76	92	1374	108	17.83	28.18	206	1831	359	0	64.9
Crystal 793	102	355.1	102	9770	117	1.05	55.16	104	1517	120	18.80	27.45	161	1671	310	0	48.1
Crystal 796	124	335.8	96	9027	109	1.22	49.64	93	1338	105	18.01	26.86	204	1886	369	0	55.1
Crystal 803	242	336.7	97	8611	104	1.16	49.84	94	1280	101	17.99	25.52	183	1722	406	0	65.8
Crystal 804	215	324.1	93	8804	106	1.24	46.16	87	1256	99	17.46	27.14	204	1916	410	0	47.8
Crystal 808	207	339.1	97	9470	114	1.19	50.52	95	1420	112	18.13	27.79	223	1914	358	0	62.8
Hilleshög HM4448RR	120	349.0	100	9495	114	1.11	53.42	100	1452	114	18.57	27.32	161	1706	348	0	57.4
Hilleshög HM9528RR	125	345.1	99	8828	106	1.11	52.29	98	1332	105	18.36	25.64	178	1721	341	0	56.3
Hilleshög HIL9708	117	346.9	100	8518	102	1.11	52.82	99	1296	102	18.45	24.48	211	1679	338	0	49.5
Hilleshög HIL9920	122	342.4	98	8783	106	1.19	51.54	97	1321	104	18.31	25.72	227	1883	338	0	50.8
Maribo MA504	118	336.4	97	9057	109	1.17	49.80	93	1338	105	17.99	26.94	229	1754	359	0	49.9
Maribo MA717	113	352.1	101	9743	117	1.15	54.31	102	1497	118	18.75	27.76	230	1732	346	0	61.0
SX 1887	110	333.0	96	8391	101	1.25	48.84	92	1229	97	17.89	25.18	251	1834	388	0	39.9
SX 1888	106	340.1	98	8047	97	1.22	50.87	95	1203	95	18.22	23.66	186	1883	378	0	35.4
SX Marathon	115	333.5	96	8682	104	1.25	48.99	92	1275	100	17.93	26.13	231	1880	382	0	47.4
SV 285	235	352.6	101	8969	108	1.10	54.45	102	1390	110	18.72	25.35	148	1889	323	0	40.4
SV 265	121	336.3	96	8418	101	1.25	49.78	93	1252	99	18.06	24.89	225	1871	387	0	44.7
SV 268	111	342.2	98	8310	100	1.21	51.46	97	1251	99	18.32	24.14	195	1827	384	0	34.0
SV 333	114	342.7	98	8769	105	1.20	51.62	97	1314	104	18.34	25.81	207	1834	365	0	34.9
SV 375	104	345.4	99	8575	103	1.14	52.39	98	1301	103	18.41	24.82	166	1841	333	0	37.6
Experimental Trial (Comm status)																	
BTS 8927	238	368.8	106	8416	101	1.04	59.19	111	1350	106	19.48	22.85	145	1645	338	0	62.1
BTS 8938	237	341.0	98	8244	99	1.11	51.08	96	1236	97	18.15	24.23	209	1704	353	0	46.2
BTS 8961	203	333.7	96	9517	114	1.19	48.96	92	1387	109	17.90	28.73	200	1890	387	0	57.7
BTS 8976	212	345.3	99	8296	100	1.16	52.33	98	1261	99	18.41	23.85	184	1836	371	0	50.5
Crystal 912	230	336.6	97	10098	121	1.11	49.81	94	1488	117	17.95	30.18	189	1718	369	0	58.4
Crystal 913	245	347.5	100	9063	109	1.22	52.97	99	1387	109	18.59	26.13	218	1767	420	0	54.7
Crystal 916	206	329.9	95	9174	110	1.25	47.85	90	1331	105	17.72	27.71	214	1943	396	0	72.2
Hilleshög HIL2317	226	355.4	102	9052	109	1.11	55.28	104	1410	111	18.90	25.51	200	1847	323	0	57.6
Maribo MA902	223	353.8	102	9814	118	1.10	54.80	103	1522	120	18.75	27.72	171	1731	344	0	51.3
SX 1898	205	358.5	103	9907	119	1.05	56.17	105	1549	122	19.01	27.72	167	1870	287	0	56.4
Comm Benchmark Mean		348.5		8317		1.19	53.27		1269		18.61	23.92	180	1839	394		52.6
Trial Mean		339.3		8696		1.19	50.65		1297		18.16	25.66	208	1811	367		47.9
Coeff. of Var. (%)		3.4		6.6		7.3	6.5		8.8		2.9	5.5	22.4	4.5	12.4		15.4
F Value		323.7	**	8507		1.3	1.3		1.3		18.16	25.66	207.9	1811	366.5		47.91
Mean LSD (0.05)		14.4		722		0.11	4.11		141		0.65	1.80	58	102	57		9.4
Mean LSD (0.01)		19.0		954		0.15	5.43		186		0.86	2.38	77	135	76		12.4
Sig Lvl			**		**		**	**		**		**	**	**	**	**	**

2020 Data from Bathgate ND Bolters based upon 60,000 seed per acre. Created 10/20/2020

%Bnch = Percentage of benchmark varieties. Trial # = 208313

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a $45.12 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.