Performance Data of RR Varieties Approved for 2021 Season - Sorted by Variety

Variety	Yrs Com	Rev/Ton ++ 20	Rev/Ton ++ 2 Yr	Rev/Ton ++ 2Y%	Rev/Acre ++ 20	Rev/Acre ++ 2 Yr	Rev/Acre ++ 2Y%	Rec/Ton 20	Rec/Ton 2 Yr	Rec/Acre 20	Rec/Acre 2 Yr	Sugar 20	Sugar 2 Yr	Yield 20	Yield 2 Yr	Molasses 20	Molasses 2 Yr	Emerg 20	Emerg 2 Yr	Bolter / Ac 20	Bolter / Ac 2 Yr	CR 20	CR 2 Yr	Aph Root 20	Aph Root 2 Yr	Rhizoc 20	Rhizoc 2 Yr	Fusarium 20	Fusarium 2 Yr	Rzm
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Emergence is % of planted seeds producing a 4 leaf beet.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by RevTon

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Sugar		Yield		Molasses		Emerg		Bolter / Ac		CR		Aph Root		Rhizoc		Fusarium		Rzm
		20	2 Yr	2Y%	20	2 Yr	2Y%	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											
								Excellent		V.Good		Caution		Weak																

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

Emergence is % of planted seeds producing a 4 leaf beet.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by RevAcre

Variety	Yrs Com	Rev/Ton ++ 20	Rev/Ton ++ 2 Yr	Rev/Ton ++ 2Y%	Rev/Acre ++ 20	Rev/Acre ++ 2 Yr	Rev/Acre ++ 2Y%	Rec/Ton 20	Rec/Ton 2 Yr	Rec/Acre 20	Rec/Acre 2 Yr	Sugar 20	Sugar 2 Yr	Yield 20	Yield 2 Yr	Molasses 20	Molasses 2 Yr	Emerg 20	Emerg 2 Yr	Bolter / Ac 20	Bolter / Ac 2 Yr	CR 20	CR 2 Yr	Aph Root 20	Aph Root 2 Yr	Rhizoc 20	Rhizoc 2 Yr	Fusarium 20	Fusarium 2 Yr	Rzm
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

Emergence is % of planted seeds producing a 4 leaf beet.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by Aphanomyces

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Sugar		Yield		Molasses		Emerg		Bolter / Ac		CR		Aph Root		Rhizoc		Fusarium		Rzm
		20	2 Yr	2Y%	20	2 Yr	2Y%	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

Emergence is % of planted seeds producing a 4 leaf beet.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by Rhizoctonia

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Sugar		Yield		Molasses		Emerg		Bolter / Ac		CR		Aph Root		Rhizoc		Fusarium		Rzm
		20	2 Yr	2Y%	20	2 Yr	2Y%	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

Emergence is % of planted seeds producing a 4 leaf beet.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by Fusarium

Variety	Yrs Com	Rev/Ton ++ 20	Rev/Ton ++ 2 Yr	Rev/Ton ++ 2Y%	Rev/Acre ++ 20	Rev/Acre ++ 2 Yr	Rev/Acre ++ 2Y%	Rec/Ton 20	Rec/Ton 2 Yr	Rec/Acre 20	Rec/Acre 2 Yr	Sugar 20	Sugar 2 Yr	Yield 20	Yield 2 Yr	Molasses 20	Molasses 2 Yr	Emerg 20	Emerg 2 Yr	Bolter / Ac 20	Bolter / Ac 2 Yr	CR 20	CR 2 Yr	Aph Root 20	Aph Root 2 Yr	Rhizoc 20	Rhizoc 2 Yr	Fusarium 20	Fusarium 2 Yr	Rzm
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Emergence is % of planted seeds producing a 4 leaf beet.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by Cercospora

Variety	Yrs Com	Rev/Ton ++ 20	Rev/Ton ++ 2 Yr	Rev/Ton ++ 2Y%	Rev/Acre ++ 20	Rev/Acre ++ 2 Yr	Rev/Acre ++ 2Y%	Rec/Ton 20	Rec/Ton 2 Yr	Rec/Acre 20	Rec/Acre 2 Yr	Sugar 20	Sugar 2 Yr	Yield 20	Yield 2 Yr	Molasses 20	Molasses 2 Yr	Emerg 20	Emerg 2 Yr	Bolter / Ac 20	Bolter / Ac 2 Yr	CR 20	CR 2 Yr	Aph Root 20	Aph Root 2 Yr	Rhizoc 20	Rhizoc 2 Yr	Fusarium 20	Fusarium 2 Yr	Rzm
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Emergence is % of planted seeds producing a 4 leaf beet.

Performance Data of RR Varieties Approved for 2021 Season - Sorted by Emergence

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Sugar		Yield		Molasses		Emerg		Bolter / Ac		CR		Aph Root		Rhizoc		Fusarium		Rzm
		20	2 Yr	2Y%	20	2 Yr	2Y%	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	20	2 Yr	
# locations		7	14		7	14		7	14	7	14	7	14	7	14	7	14	7	14	7	14	3	6	3	5	2	5	2	4	
Crystal 916	NC	45.26	44.57	95	1410	1493	112	321	319	9967	10704	17.09	17.01	31.0	33.5	1.06	1.04	79	78	0	0	4.5	4.4	3.9	4.0	4.6	4.4	2.4	2.5	Hi
Crystal 803	NC	49.01	48.05	102	1444	1469	110	334	332	9811	10142	17.62	17.54	29.3	30.6	0.95	0.96	78	77	0	0	3.9	3.9	4.0	4.2	5.0	4.8	2.5	2.6	Hi
Crystal 796	1	45.63	44.28	94	1372	1451	109	322	318	9674	10442	17.14	16.95	30.1	32.8	1.05	1.03	74	76	0	0	5.0	4.8	3.9	3.9	4.5	4.2	2.2	2.3	Hi
Maribo MA902	NC	48.77	46.45	99	1393	1409	106	333	326	9508	9909	17.60	17.27	28.6	30.5	0.98	0.98	72	76	0	0	5.0	4.9	4.0	4.7	3.9	4.0	4.0	3.9	Hi
BTS 8927	NC	53.07	51.25	109	1482	1533	115	348	343	9720	10284	18.28	18.00	28.0	30.1	0.90	0.87	77	76	0	3	4.4	4.4	3.9	4.0	4.4	4.2	2.6	2.7	Hi
Crystal 808	NC	46.00	44.52	95	1417	1437	108	323	319	9955	10333	17.19	17.01	30.8	32.4	1.04	1.04	76	75	0	0	5.1	4.9	4.0	3.8	3.9	4.0	2.3	2.4	Hi
Crystal 912	NC	45.87	44.56	95	1520	1558	117	323	319	10726	11202	17.12	16.96	33.3	35.1	0.99	0.99	75	74	0	0	4.7	4.7	3.7	3.8	3.5	3.6	3.6	3.5	Hi
Crystal 913	NC	48.81	48.37	103	1490	1555	117	333	333	10150	10701	17.61	17.56	30.5	32.2	0.97	0.93	74	73	0	0	4.1	4.1	3.7	3.7	4.6	4.4	2.6	2.6	Hi
BTS 8961	NC	45.49	44.32	94	1415	1445	108	321	319	9990	10393	17.12	16.97	31.1	32.6	1.05	1.04	73	73	0	0	4.7	4.5	4.0	4.0	4.1	3.9	2.2	2.4	Hi
Maribo MA717	2	47.70	46.02	98	1454	1465	110	329	324	10054	10368	17.47	17.23	30.6	32.1	1.03	1.01	75	72	0	0	5.1	5.1	3.8	4.1	4.6	4.4	4.6	4.7	Hi
BTS 8524	4	44.39	42.16	90	1279	1344	101	317	311	9150	9946	16.97	16.63	28.8	32.1	1.10	1.09	74	72	0	0	4.4	4.5	4.2	4.4	4.1	4.1	3.0	3.1	Hi
Hilleshög HM4448RR	7	44.42	43.78	93	1358	1407	106	318	317	9725	10192	16.89	16.82	30.7	32.3	1.01	1.00	75	72	0	2	5.6	5.5	4.1	4.5	4.8	4.4	4.6	4.7	Rzm
Hilleshög HIL9708	3	47.99	45.68	97	1369	1401	105	330	323	9420	9940	17.48	17.14	28.5	30.8	0.98	0.98	72	72	0	0	5.0	5.0	4.0	4.3	3.8	3.8	3.6	3.8	Rzm
Crystal 572	4	51.00	49.32	105	1405	1441	108	341	336	9387	9837	18.02	17.79	27.6	29.3	0.99	0.98	73	71	0	0	4.5	4.6	4.3	4.6	4.2	4.2	2.4	2.4	Hi
Maribo MA504	4	44.42	42.61	91	1368	1394	105	318	312	9787	10241	16.87	16.61	30.9	32.8	1.00	1.00	72	71	0	0	5.4	5.3	5.1	5.6	4.8	4.8	4.3	4.4	Hi
Hilleshög HIL2317	NC	49.24	48.54	103	1385	1443	108	334	333	9428	9940	17.67	17.60	28.2	29.9	0.97	0.94	72	70	0	0	5.0	5.0	3.9	3.9	4.9	4.6	6.0	5.6	Hi
BTS 8767	2	45.48	44.57	95	1317	1382	104	321	319	9299	9923	17.08	16.99	29.0	31.1	1.02	1.03	71	70	0	0	4.4	4.3	4.5	4.4	4.7	4.4	2.5	2.5	Hi
Hilleshög HIL9920	2	48.97	47.40	101	1398	1414	106	333	329	9533	9853	17.64	17.44	28.6	30.0	0.97	0.97	70	70	0	0	4.8	4.9	3.6	4.3	5.1	4.9	6.3	5.8	Hi
Crystal 574	4	44.14	43.32	92	1396	1416	106	317	315	10010	10317	16.91	16.82	31.6	32.8	1.08	1.07	68	70	0	0	4.6	4.5	4.1	4.1	4.2	4.3	2.3	2.1	Hi
Crystal 684	2	44.19	42.94	91	1432	1431	107	317	314	10283	10479	16.90	16.74	32.6	33.5	1.06	1.07	74	69	0	0	4.4	4.3	4.0	4.1	4.2	4.1	2.3	2.2	Hi
BTS 8976	NC	49.57	48.74	104	1351	1438	108	336	334	9116	9845	17.72	17.63	27.1	29.4	0.95	0.94	69	68	0	0	4.1	4.0	3.5	3.6	4.5	4.3	2.9	3.3	Hi
SV 333	5	47.34	46.27	98	1391	1400	105	328	325	9635	9861	17.36	17.23	29.4	30.4	0.97	0.97	66	68	0	0	4.7	4.6	4.1	4.4	4.6	4.3	5.6	5.2	Hi
BTS 8938	NC	47.75	47.38	101	1409	1448	109	329	329	9700	10067	17.44	17.39	29.4	30.6	0.98	0.93	67	68	0	0	4.7	4.5	3.9	3.8	3.9	3.7	3.7	3.4	Hi
Crystal 793	2	49.48	47.70	102	1514	1535	115	335	330	10253	10650	17.70	17.46	30.6	32.3	0.93	0.93	71	68	0	0	4.3	4.2	3.9	3.8	4.8	4.5	2.6	2.7	Hi
Hilleshög HM9528RR	5	46.14	44.94	96	1362	1409	106	324	321	9576	10082	17.21	17.03	29.6	31.5	1.03	1.00	69	67	0	0	4.8	4.9	3.7	4.1	4.6	4.3	4.7	4.4	Hi
BTS 8606	3	45.91	44.58	95	1284	1344	101	323	319	9022	9649	17.17	17.00	28.0	30.3	1.03	1.03	71	67	0	0	4.8	4.7	4.6	4.8	4.8	4.7	2.9	2.8	Hi
BTS 8629	3	44.38	42.86	91	1406	1426	107	317	313	10066	10440	16.89	16.71	31.8	33.4	1.02	1.05	68	67	0	0	4.5	4.6	3.9	4.6	4.3	4.1	3.8	3.7	Hi
BTS 8337	6	51.24	48.74	104	1300	1371	103	341	334	8662	9433	18.14	17.74	25.3	28.3	1.07	1.04	64	67	4	2	4.5	4.4	3.5	3.5	4.4	4.0	3.6	3.6	Hi
BTS 8815	1	47.60	46.78	100	1307	1383	104	329	327	9013	9676	17.45	17.36	27.4	29.6	1.02	1.00	66	66	0	0	4.9	4.7	4.2	4.7	3.9	4.0	2.6	2.6	Hi
BTS 8500	4	43.48	42.67	91	1307	1363	102	314	313	9476	10032	16.81	16.73	30.2	32.2	1.10	1.10	67	66	0	0	4.4	4.2	4.2	4.2	4.6	4.5	2.4	2.3	Hi
SX 1898	NC	50.03	47.96	102	1510	1471	110	337	331	10198	10180	17.80	17.52	30.3	30.8	0.95	0.96	72	66	0	0	4.7	4.7	3.8	4.3	4.2	4.2	5.4	5.3	Hi
BTS 8882	1	43.65	43.44	92	1381	1413	106	315	315	9981	10265	16.80	16.84	31.8	32.6	1.05	1.06	72	65	0	0	4.7	4.4	4.3	4.8	4.3	4.3	2.1	2.5	Hi
SV 268	3	47.51	45.92	98	1317	1363	102	328	324	9093	9630	17.42	17.19	27.6	29.8	1.01	0.99	67	65	0	0	4.8	4.8	4.5	4.8	5.2	4.7	4.0	4.5	Hi
SV 265	3	48.67	46.49	99	1396	1409	106	332	326	9523	9902	17.58	17.26	28.7	30.4	0.96	0.96	67	65	0	0	4.5	4.4	4.0	4.7	4.2	4.2	5.7	5.7	Hi
SX 1887	1	47.02	46.64	99	1334	1378	103	327	327	9270	9658	17.34	17.32	28.3	29.5	1.02	1.00	67	64	0	0	5.1	5.0	3.9	4.3	4.8	4.5	4.3	4.5	Hi
Crystal 804	NC	42.95	43.55	93	1383	1427	107	313	316	10068	10376	16.72	16.86	32.2	32.9	1.10	1.06	66	64	0	0	4.8	4.6	3.6	4.0	3.9	3.8	2.3	2.3	Hi
SV 375	1	47.28	46.34	99	1352	1391	104	328	326	9393	9794	17.37	17.25	28.8	30.1	0.99	0.97	63	63	4	2	4.8	4.4	4.0	4.5	4.5	4.3	5.2	5.1	Hi
SX 1888	1	47.38	46.34	99	1345	1410	106	328	326	9325	9934	17.40	17.27	28.5	30.6	1.00	0.98	63	62	4	2	4.7	4.8	4.0	4.3	4.2	4.2	5.5	5.5	Hi
SV 285	NC	49.60	47.59	101	1373	1398	105	336	330	9262	9694	17.74	17.46	27.5	29.4	0.97	0.97	65	62	0	0	4.5	4.7	4.3	4.4	4.0	4.2	5.4	5.1	Hi
SX Marathon	4	47.30	45.59	97	1396	1388	104	328	323	9669	9849	17.37	17.14	29.5	30.6	0.99	0.99	66	61	0	0	4.9	4.8	4.1	4.6	4.3	4.3	5.4	5.5	Hi
Benchmark var. mean		48.98	46.99		1272	1333		333	328	8671	9341	17.72	17.44	26.0	28.6	1.05	1.05	69	68											

Excellent | V.Good | Caution | Weak

Created 11/03/2020

2 Yr is mean of 2 years data, 2 Y% is 2-Yr mean as % of benchmark varieties.

++2020 Revenue estimate based on a $45.12beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses; Revenue does not consider hauling or production costs.

Bolters /Ac are based upon a planted seed of 60,000.

Emergence is % of planted seeds producing a 4 leaf beet.

Key to color highlighting

Disease/Trait	Tolerance/Category	Color	Category levels
Rhizomania	V. Good	L Green	Rzm
Rhizomania	Excellent	D Green	Multi Source or Double tolerant
Rhizoctonia	Weak	Orange	>5.0
Rhizoctonia	Caution	Yellow	4.4-5.0
Rhizoctonia	V. Good	L Green	3.81- 4.4
Rhizoctonia	Excellent	D Green	<= 3.81 (specialty criteria)
Aphanomyces	Weak	Orange	>5.0
Aphanomyces	Caution	Yellow	4.9-5.0
Aphanomyces	V. Good	L Green	4.4- 4.9
Aphanomyces	Excellent	D Green	<= 4.4 (specialty criteria)
Fusarium	Weak	Orange	>5.0
Fusarium	Caution	Yellow	4.0-5.0
Fusarium	V. Good	L Green	3.0-4.0
Fusarium	Excellent	D Green	<=3.0
Cercospora	Weak	Orange	>5.0
Cercospora	Caution	Yellow	4.8-5.0
Cercospora	V. Good	L Green	4.4-4.8
Cercospora	Excellent	D Green	<=4.4
Bolters	Caution	Yellow	> 0 / acre
Emergence	V. Good	L Green	> benchmark mean
Sugar	V. Good	L Green	> benchmark mean
Yield	V. Good	L Green	> benchmark mean
Molasses	V. Good	L Green	< benchmark mean
Rec/Acre	V. Good	L Green	> benchmark mean
Rec/Ton	V. Good	L Green	> benchmark mean
Rev/Ton	V. Good	L Green	> 105% of benchmark mean
Rev/Acre	V. Good	L Green	> 105% of benchmark mean