

Imperial Valley Late Harvest Official Variety Trials
1 Year Data Summary (2021)

Variety	2021-2022 Marketing Approval	Extractable Sugar/ Acre	Extractable Sugar/ Ton [†]	Gross Sugar/ Acre	Tons / Acre	% Sugar	Purity	Final Stand Beets/100'	% Bolt	% Rot	Percent Emergence	Curly Top M = 150	% of Mkt. Avg.	Powdery Mildew M = 100	% of Mkt. Avg.	Rhizomania Root Rating
BTS 511N		18,053	310.4	21,014	58.5	18.0	91.9	233	0.0	0.0	63.4	--	--	--	--	--
BTS 582N		16,959	305.0	19,763	55.0	17.8	91.3	229	0.0	0.0	58.3	5.9	100.4	--	--	--
SV 1915		18,861	303.2	22,096	62.2	17.8	91.2	231	0.0	0.0	61.8	--	--	--	--	--
BTS 5678	Full Approval	17,311	302.3	20,147	57.4	17.6	91.7	232	0.0	0.0	49.2	5.9	100.4	--	--	--
BTS 5139		16,906	300.2	19,757	56.3	17.6	91.4	231	0.0	0.0	58.7	--	--	--	--	--
BTS 5104		18,360	300.2	21,253	61.1	17.4	92.1	230	0.0	0.0	54.4	--	--	--	--	--
BTS 5460	Full Approval	17,525	299.8	20,409	58.3	17.5	91.6	232	0.0	0.0	59.1	5.6	95.3	--	--	--
BTS 5983		17,587	299.4	20,500	58.9	17.4	91.7	232	0.0	0.0	57.7	5.6	95.3	--	--	--
BTS 513N		17,756	297.9	20,698	59.6	17.4	91.7	231	0.0	0.0	45.4	--	--	--	--	--
SV 1913N		17,624	295.0	20,914	59.8	17.5	90.4	230	0.0	0.0	59.1	--	--	--	--	--
BTS 5775	Full Approval	17,815	295.0	20,852	60.5	17.2	91.5	226	0.0	0.0	40.0	6.3	107.2	--	--	--
BTS 5128		17,901	289.9	20,907	61.8	17.0	91.7	231	0.0	0.0	57.6	--	--	--	--	--
SV 981		18,561	280.4	21,810	65.8	16.5	91.3	228	0.0	0.0	51.9	6.2	105.5	--	--	--
SV 604N	Full Approval	16,969	280.1	20,217	60.7	16.7	90.4	232	0.0	0.0	58.8	5.7	97.0	--	--	--
BTS 5112		18,119	279.4	21,315	64.9	16.4	91.2	231	0.0	0.0	52.0	--	--	--	--	--
SV 2997	Limited Approval	18,586	278.0	21,948	66.9	16.4	90.9	228	0.0	0.0	46.9	6.1	103.8	--	--	--

[†] varieties ranked by Extractable Sugar per Ton

Mean of 21-22 Full Approved	17,405	294.3	20,406	59.2	17.2	91.3						2021 Mean	5.9			
97% of 21-22 Full Approved	16,883	285.5	19,794	57.4	16.7	88.6										

LSD 0.05)	932.7	5.6	1071.7	3.1	0.2	0.6	5.2	--	--	5.3	0.5					
C.V.	4.7	1.8	4.6	4.5	1.3	0.6	2.1	--	--	8.9	7.0					

<u>Cooperator</u>	<u>Planted</u>	<u>Harvested</u>	<u>Plot Size</u>
Jason Taylor	10/12/2020	6/9/2021	2 rows -- 30 in. 4 x 4 lattice

*** One year data summary is from Late Harvest Trial - Location 1.

For disease performance data, view 2020-2021 Late Harvest OVT - Location 2.