

RECOMMENDED LIST OF SUGAR BEET VARIETIES 2027 (Based on trials from 2023-2025)
Listed in order of Adjusted Tonnes %

Variety	Status	Relative data for treated trials				Sugar content %	Measured impurities per 100g sugar	Bolters per ha based on 100,000/ha			DISEASE (1 = high leaf infection 9 = very low leaf infection) ⁶			OTHER CLAIMS					Breeder	Agent
		% of C=100%						"X" Unsuitable for sowing BEFORE Mid March	Early sowing before 5 March ⁵	Normal sowing	Rust, mildew, Cercospora			BCN (as claimed by the Breeder)	ALS (Herbicide Tolerant)	AYPR (Aggressive rhizomania)	V (as claimed by the Breeder)	CERC (as claimed by the Breeder)		
		Adjusted Tonnes ³	Sugar yield ³	Root yield ³	Pre-Gapping Establishment ⁴						Rust	mildew	Cercospora							
Mean of (C) varieties		100.0	100.0	100.0	100.0			1,673	14	5.3	6.4	7.3								
Tonnes or thousands per ha		97.3	15.6	89.8	114.1	17.19	3.39	-	-	-	-	-								
std error of means		1.58					3.90	-	-	-	-	-								
95% Isd		4.4	4.4	4.1	3.9	0.31	0.21	-	2,999	-	-	-								
99.9% Isd								-	4,258	95	-	-								
BTS1915	Y7 (C)	103.4	103.4	104.0	102.4	17.07	3.62	X	4,741	40	7.0	5.5	[7.5]						BTS	LG
BTS1915 G	Y7	103.4	103.4	103.8	103.3	17.11	3.63	X	5,039	42	6.9	5.5	[7.5]						BTS	LG
ST Rotterdam	Y1	101.5	101.5	100.2	99.2	17.30	3.12	X	3,658	102	[5.7]	[6.4]	-						STR	STR
ST Rotterdam G	Y1	100.5	100.5	98.8	101.0	17.41	3.11	X	3,677	81	[5.3]	[7.0]	-						STR	STR
Chyma KWS G	Y3	101.3	101.3	101.3	101.5	17.18	3.48	X	3,842	0	7.1	6.5	[8.5]						CERC	KWS
Chyma KWS	Y3	100.4	100.4	100.6	101.4	17.14	3.49	X	3,645	0	7.1	6.7	[8.5]						CERC	KWS
Antler	Y2	101.1	101.1	100.5	101.5	17.23	3.41		[2,388]	12	[3.2]	[4.6]	[7.2]							SV
Harryetta KWS	Y5 (C)	100.1	100.1	100.4	101.8	17.15	3.28		1,377	12	3.7	7.2	[7.4]	BCN						KWS
Harryetta KWS G	Y5	99.9	99.9	100.2	102.0	17.15	3.30		1,421	12	3.9	7.0	[7.4]	BCN						KWS
Possom	Y1	99.8	99.8	98.1	101.8	17.39	3.28	X	[5,353]	0	[4.8]	[6.1]	-							SV
Katjana KWS	Y6 (C)	99.5	99.5	98.6	99.3	17.35	3.09		1,460	21	3.9	6.5	[7.0]	BCN						KWS
Katjana KWS G	Y6	99.0	99.0	98.7	99.5	17.24	3.10		1,350	23	3.8	6.6	[7.0]	BCN						KWS
Daphna G	Y10	99.3	99.3	99.6	100.2	17.18	3.50		1,999	0	5.6	6.9	[8.0]	BCN						KWS
Daphna	Y10 (C)	98.1	98.1	98.7	100.0	17.10	3.51		1,877	0	5.5	6.8	[8.0]	BCN						KWS
Partridge	Y1	99.3	99.3	97.9	97.9	17.33	3.19		[1,985]	0	[5.5]	[5.1]	-							SV
Morgan	Y5	99.1	99.1	98.6	101.6	17.20	3.16	X	3,875	74	3.6	5.1	[7.0]							STR
Morgan G	Y5	97.9	97.9	97.3	100.8	17.23	3.11	X	4,012	40	3.6	4.8	[7.0]							STR
ST Tweed	SY3	99.0	99.0	99.0	97.2	17.13	3.13		1,323	30	5.1	7.0	[8.1]							STR
ST Tweed G	SY3	97.7	97.7	97.7	96.8	17.18	3.14		1,594	64	5.1	6.9	[8.1]				YY			STR
Pintail	Y1	98.9	98.9	97.0	97.8	17.44	3.68		[1,818]	0	[3.7]	[4.7]	-	BCN						SV
Josephina KWS G	Y3	98.8	98.8	96.2	99.2	17.64	3.13		1,128	9	6.3	1.3	[8.0]							KWS
Josephina KWS	Y3	97.7	97.7	95.4	98.3	17.58	3.18		1,046	0	6.1	1.2	[8.0]							KWS
Mallard	Y1	98.8	98.8	96.3	100.3	17.55	3.48		[2,597]	35	[5.1]	[4.1]	-	BCN						SV
Petrel	Y1	98.6	98.6	97.8	100.3	17.24	3.22		[2,251]	16	[4.0]	[3.7]	-							SV
Grouse	Y1	98.6	98.6	96.6	94.7	17.49	3.51		[2,133]	14	[4.7]	[4.4]	-							SV
Button	Y5	98.5	98.5	97.7	99.6	17.26	3.19		2,873	42	5.4	5.7	[6.9]	BCN						STR
Button G	Y5	97.9	97.9	97.2	100.3	17.26	3.14		2,289	33	5.3	6.0	[6.9]	BCN						STR
Curlew	Y1	98.3	98.3	97.6	100.5	17.22	3.26		[2,334]	35	[5.3]	[6.0]	-							SV
Snipe	Y1	98.2	98.2	93.8	100.9	17.92	3.07	X	[3,529]	16	[5.1]	[5.0]	-							SV
Hoopoe	Y2	98.1	98.1	98.9	100.3	17.01	3.26		[2,155]	0	[1.3]	[3.7]	[3.6]	BCN						SV
BTS 7870	SY1	97.8	97.8	94.4	97.2	17.76	3.22	X	3,710	35	[4.0]	[5.5]	-							BTS
Maple	Y3	97.5	97.5	97.4	101.6	17.13	3.30		2,170	26	3.9	4.9	[8.2]				YY			SV
Asian	Y2	97.1	97.1	97.6	101.6	17.10	3.27		1,138	0	[4.5]	[6.4]	[7.8]							HH
Gadwall	Y2	97.1	97.1	97.6	101.5	17.06	3.45		[1,780]	0	[4.3]	[6.3]	[8.3]							SV
Generosa KWS G	SY2	95.1	95.1	92.5	96.4	17.59	3.24	X	5,442	0	[7.3]	[7.0]	[8.5]							KWS
Generosa KWS	SY2	94.6	94.6	91.9	96.6	17.63	3.22	X	5,592	0	[7.4]	[6.7]	[8.5]							KWS
Niksha KWS	SY1	94.7	94.7	92.3	95.6	17.59	3.28		1,541	0	[6.7]	[6.7]	-							KWS
Smart Uma KWS	SY3	94.6	94.6	93.3	99.2	17.34	3.79	X	2,133	23	7.6	7.4	[7.7]		ALS					KWS
Osprey	SY4	94.5	94.5	93.0	99.6	17.38	3.21		1,917	0	4.2	5.2	[8.0]							SV
Smart Agneta KWS	SY1	94.3	94.3	92.7	95.8	17.44	3.51	X	1,692	16	[5.1]	[8.3]	-		ALS					KWS
BTS Smart 8565	SY1	94.1	94.1	92.3	100.4	17.50	3.46	X	2,334	38	[6.0]	[8.2]	-		ALS					BTS
BTS Smart 4960 N	SY1	93.4	93.4	91.3	103.1	17.53	3.47	X	1,198	14	[6.0]	[6.0]	-		ALS					BTS
Smart Vesnica KWS	SY4	93.3	93.3	92.3	101.2	17.33	3.65	X	1,523	0	6.9	5.7	[7.6]		ALS					KWS
BTS Smart 9485	SY5	91.6	91.6	92.5	94.9	16.99	3.22	X	1,805	0	5.0	7.8	[6.2]		ALS					BTS
Smart Attala KWS	SY1	92.1	92.1	90.3	97.5	17.46	3.50	X	1,259	0	[6.1]	[4.6]	-	BCN	ALS					KWS
Smart Nelda KWS	SY2	90.3	90.3	87.2	99.7	17.72	3.15	X	837	0	[6.2]	[7.4]	[7.3]	BCN	ALS					KWS

- Newly listed varieties (Y1/SY1) have results from three years using approximately 2 kgs breeders' seed. Thereafter commercial seed should be used in RL trials.
- 26 Treated trials were drilled and had data collected over the 3 years; 15 of these trials were harvested.
- Yields based on an average plant population of 101,900 plants/ha in these trials. Differences in adjusted tonnes of less than 4.4% should be treated with reserve
- Differences in establishment of less than 3.9% should be treated with reserve.
- The ratings from normal sowings are applicable for sowing after mid-March in most seasons.
- Disease ratings are produced from untreated trials only.
- Breeders claims are for partial tolerance to some of the yellowing viruses
- BTS = Betaseed, KWS = KWS UK Ltd, LG = Limagrain UK Ltd, STR = Strube Sugar Beet UK Ltd, SV = SESVanderHave UK Ltd, HH = Hillesloh.
- Varieties with 'G' in the listing, are treated by Germains with Enrich 300 in the 2025 RL trials
- Pellets used in RL Trials 2025-26: BTS = Ultripro, KWS = Initio early power, STR = 3D+, SV = SV1 (+ rampart), HH = HH1(+ rampart)
- Control variety Annatina KWS no longer listed.
- [] - limited data
- # - 15% above mean of control