

RECOMMENDED LIST OF SUGAR BEET VARIETIES 2025 (Based on trials from 2021-2023)
UNTREATED DATA from 4 trials in 2021, 3 trials in 2022 and 2 trials in 2023

Rz1 rhizomania varieties			BTS1915	Daphna	Harryetta KWS	Katjana KWS	Chyma KWS	Annatina KWS	Josephina KWS	Morgan	ST Tweed	Magpie	ST Trent	Wren	Button	Osprey	BTS3610	Stewart	Tawny	Adder	Smart Uma KWS	BTS Smart 9485	Smart Vesnica KWS	Maruscha KWS
Status: (C) = control variety ¹			Y5(C)	Y8 (C)	Y3	Y4(C)	Y1	Y3	Y1	Y3	Y1	Y1	Y1	Y4(C)	Y3	Y2	Y3	Y3	Y3	Y3	SY1	SY3	SY2	SY4
AYPR/BCN/ALS/VY as claimed by the Breeder			-	BCN	BCN	BCN	CERC	-	-	-	-	-	-	-	BCN	AYPR	-	-	-	-	ALS	ALS	ALS	V
CROP YIELDS ²	MEAN	95% Isd																						
Adjusted tonnes % of C=100% ³	107.3 t/ha	4.3	103.5	100.7	100.4	98.6	105.2	102.2	94.5	98.4	101.1	96.8	95.7	97.5	97.2	96.9	101.1	97.3	96.5	96.8	94.4	92.3	96.0	91.6
Sugar yield % of C=100% ³	17.2 t/ha	4.3	103.5	100.7	100.4	98.6	105.2	102.2	94.5	98.4	101.1	96.8	95.7	97.5	97.2	96.9	101.1	97.3	96.5	96.8	94.4	92.3	96.0	91.6
Root yield % of C=100% ³	103.5 t/ha	3.5	102.7	100.3	100.1	98.5	104.1	100.0	92.1	98.1	100.0	97.5	94.8	99.4	97.5	98.3	99.1	96.3	98.3	99.3	93.0	94.1	92.0	89.8
Sugar content %	16.5%	2.3	16.66	16.59	16.56	16.55	16.75	16.90	16.97	16.53	16.65	16.39	16.63	16.19	16.50	16.25	16.90	16.66	16.26	16.11	16.82	16.21	17.20	16.83
BOLTERS per 100,000 plants/ha	MEAN	99.9% Isd																						
Normal sowing ⁴	23 /ha	172	38	0	19	26	9	0	9	26	79	33	64	0	19	84	21	59	21	0	67	26	2	0
PRE-GAPPING ESTABLISHMENT ⁵																								
Control	100%		100.2	99.0	98.0	100.0	97.5	94.6	97.5	98.4	93.6	97.2	97.2	100.9	100.0	99.6	98.5	96.1	98.3	99.3	97.9	95.6	99.2	96.1
TOTAL MEASURED IMPURITIES (IMP/100G SUGAR)		95% Isd																						
Control	4.02	4.62	4.32	4.12	3.91	3.56	4.04	3.89	3.98	3.53	3.64	3.85	3.53	4.30	3.63	3.88	3.69	3.51	4.28	4.20	4.30	4.01	4.08	4.42
RL SYSTEM																								
Year first listed			2020	2017	2022	2021	2024	2022	2024	2022	2024	2024	2024	2021	2022	2023	2022	2022	2022	2022	2024	2022	2023	2021
BREEDER/UK CONTACT ⁶																								
Breeder			BTS	KWS	KWS	KWS	KWS	KWS	KWS	STR	STR	SV	STR	SV	STR	SV	BTS	STR	SV	SV	KWS	BTS	KWS	KWS
UK Agent			LG	KWS	KWS	KWS	KWS	KWS	KWS	STR	STR	SV	STR	SV	STR	SV	LG	STR	SV	SV	KWS	LG	KWS	KWS

Mean of controls includes BTS1140 which is no longer listed

1 Newly listed varieties (Y1/SY1) have results from two years using approximately 2 kgs breeders’ seed (Not in trial in 2021). Thereafter commercial seed should be used in RL trials.
2 4 trials were drilled and had data collected in 2023; 2 of these trials were used in the harvested results presented.
3 Yields based on an average plant population of 102,500 plants/ha in these trials. Differences in adjusted tonnes of less than 4.3% should be treated with reserve.
4 The ratings from normal sowings are applicable for sowing after mid-March in most seasons.
5 Differences in establishment of less than 3.8% should be treated with reserve.
6 BTS = Betaseed, KWS = KWS UK Ltd, LG = Limagrain UK Ltd, STR = Strube Sugar Beet UK Ltd, SV = SESVanderHave UK Ltd

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AYPR/BCN/ALS/VY/Cercospora as claimed by the Breeder					-	BCN	BCN	BCN	CERC	-	-	-	-	-	-	BCN	AYPR	-	-	-	-	-	ALS	ALS	ALS	V
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