

RECOMMENDED LIST OF SUGAR BEET VARIETIES 2026 (Based on trials from 2022-2024)

Rz1 rhizomania varieties (3-year data)				BTS1915	Antler	Katjana KWS	Harryetta KWS	Daphna	Chyma KWS	Gadwall	Annatina KWS	Josephina KWS	Hoopoe	Aslan	Morgan	Magpie	BTS3610	ST Tweed	Burton	Osprey	Smart Uma KWS	Generosa KWS	BTS Smart 9485	Smart Vesnica KWS	Smart Neida KWS	Maruschia KWS			
				Y6(C)	Y1	Y5(C)	Y4(C)	Y9(C)	Y2	Y1	Y4(C)	Y2	Y1	Y1	Y4	Y2	Y4	SY2	Y4	Y3	SY2	SY1	SY4	SY3	SY1	SY5			
Status: (C) = control variety				-	-	BCN	BCN	BCN	CERC	-	-	-	BCN	-	-	-	-	V	BCN	AYPR	ALS	V	ALS	ALS	ALS & BCN	V			
AYPR/BCN/ALS/VY/Cercospora as claimed by the Breeder																													
ADJUSTED TONNES				T's per ha	95% lsd																								
% Mean of (C)	Mean	100.4	6.1	103.4	-	97.0	99.4	100.2	103.0	-	100.0	95.1	-	-	98.5	97.1	101.0	100.6	96.4	95.8	94.1	-	90.4	93.9	-	89.9			
	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2023	98.6	4.4	104.3	-	97.8	99.4	101.0	103.7	-	97.6	93.7	-	-	100.0	98.6	101.2	101.3	96.2	96.6	94.3	-	89.6	93.3	-	88.9			
	2022	99.8	5.4	101.5	-	95.7	100.1	99.4	-	-	103.3	-	-	-	96.3	94.1	100.5	-	94.6	95.2	-	-	89.8	96.4	-	91.7			
SUGAR YIELD																													
% Mean of (C)	Mean	16.1	6.1	103.4	-	97.0	99.4	100.2	103.0	-	100.0	95.1	-	-	98.5	97.1	101.0	100.6	96.4	95.8	94.1	-	90.4	93.9	-	89.9			
	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2023	15.8	4.4	104.3	-	97.8	99.4	101.0	103.7	-	97.6	93.7	-	-	100.0	98.6	101.2	101.3	96.2	96.6	94.3	-	89.6	93.3	-	88.9			
	2022	16.0	5.4	101.5	-	95.7	100.1	99.4	-	-	103.3	-	-	-	96.3	94.1	100.5	-	94.6	95.2	-	-	89.8	96.4	-	91.7			
ROOT YIELD																													
% Mean of (C)	Mean	99.8	5	103.1	-	97.7	100.4	100.7	102.3	-	98.1	92.4	-	-	98.3	97.8	99.2	100.3	96.9	96.5	93.5	-	92.6	91.4	-	88.8			
	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2023	100.0	3.7	103.3	-	98.5	100.8	101.2	102.7	-	96.2	91.0	-	-	98.5	98.6	99.8	100.2	96.0	94.2	93.1	-	91.6	91.1	-	88.2			
	2022	100.3	3.9	102.7	-	96.5	100.8	100.0	-	-	100.1	-	-	-	97.9	96.5	98.4	-	96.3	100.1	-	-	92.5	92.1	-	90.5			
SUGAR CONTENT																													
Sugar %	Mean	16.0	3.3	16.1	-	16.0	15.9	15.9	16.2	-	16.3	16.5	-	-	16.0	15.9	16.3	16.1	16.0	15.9	16.2	-	15.7	16.5	-	16.2			
	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2023	15.7	1.8	15.9	-	15.7	15.5	15.7	15.9	-	15.9	16.3	-	-	16.0	15.7	16.0	15.9	15.8	16.1	16.0	-	15.4	16.2	-	15.9			
	2022	15.8	3.1	15.7	-	15.7	15.7	15.7	-	-	16.3	-	-	-	15.5	15.4	16.2	-	15.5	15.0	-	-	15.4	16.5	-	16.0			
NORMAL SOWN BOLTERS				Mean of (C)	99.9% lsd																								
Bolters/ha (per 100,000 plants)	Mean	12	286	0	-	38	26	0	5	-	0	5	-	-	35	26	0	59	0	69	50	-	35	0	-	30			
	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2023	0	176	0	-	64	0	0	0	-	0	0	-	-	64	0	0	69	0	0	57	-	64	0	-	0			
	2022	19	471	0	-	0	94	0	-	-	0	-	-	-	0	96	0	-	0	268	-	-	0	0	-	0			
PRE-GAPPING ESTABLISHMENT				Mean of (C)	95% lsd																								
2 sites in 2024 sown at 9cm spacing	Mean	141.2	4.9	101.5	97.2	101.4	100.8	99.3	99.8	99.6	97.1	99.2	102.0	101.6	100.3	98.9	99.1	96.9	100.2	100.8	98.9	97.7	95.8	100.6	96.4	97.6			
	2024	94.6	5.5	99.9	[97.7]	104.4	102.4	96.1	103.4	[101.2]	97.2	100.6	[104.9]	[104.3]	101.4	103.4	103.8	102.4	103.1	101.6	98.5	[98.4]	97.1	102.5	[96.5]	100.6			
	2023	124.7	5.2	101.2	-	101.5	100.4	98.4	-	96.4	98.4	-	-	-	99.1	100.1	101.3	93.8	95.8	96.2	98.8	-	93.4	102.1	-	99.0			
4 sites in 2022 sown at 9cm spacing	2022	182.5	5.2	101.9	-	100.8	100.5	99.2	-	97.5	-	-	-	-	100.4	97.3	94.7	-	103.8	104.2	-	-	96.4	99.0	-	96.9			

[] = Limited data

RECOMMENDED LIST OF SUGAR BEET VARIETIES 2026 (Based on trials from 2022-2024)
 UNTREATED DATA from 3 trials in 2022, 4 trials in 2023 and 1 trial in 2024

Rz1 rhizomania varieties			BTS1915	Antler	Katjana KWS	Harryetta KWS	Daphna	Chyma KWS	Gadwall	Annatina KWS	Josephina KWS	Hoopoe	Astlan	Morgan	Magpie	BTS3610	ST Tweed	Button	Osprey	Smart Uma KWS	Generosa KWS	BTS Smart 9485	Smart Vesnica KWS	Smart Neida KWS	Maruscha KWS
			Y6(C)	Y1	Y5(C)	Y4(C)	Y9(C)	Y2	Y1	Y4(C)	Y2	Y1	Y1	Y4	Y2	Y4	SY2	Y4	Y3	SY2	SY1	SY4	SY3	SY1	SY5
Status: (C) = control variety ¹			Y6(C)	Y1	Y5(C)	Y4(C)	Y9(C)	Y2	Y1	Y4(C)	Y2	Y1	Y1	Y4	Y2	Y4	SY2	Y4	Y3	SY2	SY1	SY4	SY3	SY1	SY5
AYPR/BCN/ALS/VY as claimed by the Breeder			-	-	BCN	BCN	BCN	CERC	-	-	-	BCN	-	-	-	-	V	BCN	AYPR	ALS	V	ALS	ALS	ALS+B CN	V
CROP YIELDS ²			MEAN	95% lsd																					
Adjusted Tonnes % of C=100%	100.4 t/ha	6.1	103.4	-	97.0	99.4	100.2	103.0	-	100.0	95.1	-	-	98.5	97.1	101.0	100.6	96.4	95.8	94.1	-	90.4	93.9	-	89.9
Sugar Yield % of C=100%	16.1 t/ha	6.1	103.4	-	97.0	99.4	100.2	103.0	-	100.0	95.1	-	-	98.5	97.1	101.0	100.6	96.4	95.8	94.1	-	90.4	93.9	-	89.9
Mean	99.8 t/ha	5.0	103.1	-	97.7	100.4	100.7	102.3	-	98.1	92.4	-	-	98.3	97.8	99.2	100.3	96.9	96.5	93.5	-	92.6	91.4	-	88.8
Sugar content %	16.0%	3.3	16.10	-	15.97	15.89	15.94	16.18	-	16.29	16.53	-	-	16.01	15.89	16.33	16.08	15.95	15.92	16.19	-	15.66	16.50	-	16.24
BOLTERS per 100,000 plants/ha			MEAN	99.9% lsd																					
Normal-sown bolters /ha	12 /ha	286	0	-	38	26	0	5	-	0	5	-	-	35	26	0	59	0	69	50	-	35	0	-	30
PRE-GAPPING ESTABLISHMENT ⁵																									
Control	100%	4.9	101.5	97.2	101.4	100.8	99.3	99.8	99.6	97.1	99.2	102.0	101.6	100.3	98.9	99.1	96.9	100.2	100.8	98.9	97.7	95.8	100.6	96.4	97.6
TOTAL MEASURED IMPURITIES (IMP/100G SUGAR)				95% lsd																					
Control	4.17	4.58	4.50	-	3.83	4.13	4.29	4.31	-	4.09	3.96	-	-	3.77	4.00	3.85	3.74	3.84	3.99	4.45	-	4.03	4.28	-	4.64
RL SYSTEM																									
Year first listed			2020	2025	2021	2022	2017	2024	2025	2022	2024	2025	2025	2022	2024	2022	2024	2022	2023	2024	2025	2022	2023	2025	2021
BREEDER/UK CONTACT ⁶																									
Breeder			BTS	SV	KWS	KWS	KWS	KWS	SV	KWS	KWS	SV	HH	STR	SV	BTS	STR	STR	SV	KWS	KWS	BTS	KWS	KWS	KWS
UK Agent			LG	SV	KWS	KWS	KWS	KWS	SV	KWS	KWS	SV	SV	STR	SV	LG	STR	STR	SV	KWS	KWS	LG	KWS	KWS	KWS

Yield and bolter data for Y1 not presented as only one trial of data is available. Establishment is based on two trials so should be treated with caution.

1 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. (See supplementary table).

2 4 trials were drilled and had data collected in 2024; 1 of these trials was used in the harvested results presented.

3 Yields based on an average plant population of 101.0 plants/ha in these trials. Differences in adjusted tonnes of less than 6.1% 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 4.9% 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, HH = Hilleshög