

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

Rz1 rhizomania varieties																													
Status: (C) = control variety <sup>1</sup>					BTS1915	Antler	Katjana KWS	Harryetta KWS	Daphna	Chyma KWS	Gadwall	Annalina KWS	Josephina KWS	Hoopoe	Aslan	Morgan	Magpie	BTS3610	ST Tweed	Button	Osprey	Smart Uma KWS	Generosa KWS	BTS Smart 9485	Smart Vesnica KWS	Smart Nelda 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		
AYPR/BCN/ALS/VY as claimed by the Breeder					-	-	BCN	BCN	BCN	CERC	-	-	-	BCN	-	-	-	-	V	BCN	AYPR	ALS	V	ALS	ALS	ALS/BCN	V		
CROP YIELDS <sup>2</sup>		MEAN	SE		95% Isd																								
Adjusted tonnes % of C=100% <sup>3</sup>		99.1 t/ha	100.0	1.23	3.4	101.4	100.6	99.9	99.8	99.6	99.4	99.4	99.3	98.4	97.7	97.3	96.8	96.7	96.6	96.6	95.4	94.9	94.1	92.6	91.6	91.1	89.5	87.3	
Sugar yield % of C=100% <sup>3</sup>		15.9 t/ha			3.4	101.4	100.6	99.9	99.8	99.6	99.4	99.4	99.3	98.4	97.7	97.3	96.8	96.7	96.6	96.6	95.4	94.9	94.1	92.6	91.6	91.1	89.5	87.3	
Root yield % of C=100% <sup>3</sup>		95.0 t/ha			3.3	102.2	99.4	98.9	100.6	100.3	99.5	99.1	98.1	96.2	98.3	97.1	96.1	96.2	96.1	96.5	95.7	94.4	93.1	90.2	93.0	90.0	86.4	86.7	
Sugar content %		16.7%			0.27	16.5	16.8	16.9	16.6	16.6	16.6	16.7	16.9	17.1	16.6	16.7	16.8	16.7	16.8	16.7	16.6	16.7	16.8	17.1	16.4	16.9	17.2	16.8	
BOLTERS per 100,000 plants/ha		MEAN	95% Isd		99.9% Isd																								
"X" Unsuitable for sowing BEFORE Mid March						X				X							X		X				X	X	X	X	X	X	
"X" Unsuitable for sowing BEFORE Mid March (Breeder claim)																													
Early sowing, before 5 March <sup>4</sup>		2,206 /ha	3,966		5,684	8,016	[3169]	1,871	1,805	2,573	7,260	[1904]	2,681	1,432	[3365]	1,541	5,683	2,899	4,395	1,851	3,093	2,690	3,074	8,099	2,767	2,097	1,218	6,586	
Normal sowing		14 /ha	-		117	30	0	19	14	0	14	0	9	0	0	0	33	33	19	57	9	21	38	14	0	0	14	26	
PRE-GAPPING ESTABLISHMENT <sup>5</sup>			95% Isd																										
Control		100%	3.5%			101.8	100.3	99.8	100.8	100.6	100.4	101.6	97.1	98.7	99.0	100.8	100.7	100.4	98.9	96.3	98.8	100.0	97.8	95.4	94.6	100.9	97.4	98.2	
TOTAL MEASURED IMPURITIES (IMP/100G SUGAR)			15% above mean of C		95% Isd																								
Control		3.60	4.14		0.188	3.86	3.51	3.33	3.56	3.68	3.72	3.60	3.56	3.39	3.47	3.45	3.29	3.47	3.44	3.36	3.44	3.42	4.01	3.45	3.40	3.88	3.41	3.86	
DISEASE (1 = high leaf infection 9 = very low leaf infection) <sup>6</sup>			Average																										
Rust			5.0			6.6	[3.4]	3.8	3.9	4.9	7.0	[4.1]	6.0	6.2	[1.3]	[4.3]	4.1	4.2	6.0	5.1	5.1	5	7.4	[7.4]	5.6	6.3	[6.5]	6.4	
Powdery mildew			5.5			5.3	[3.5]	5.6	5.9	5.7	5.9	[5.7]	5.6	1.3	[3.6]	[5.8]	4.1	4.7	5.5	6.1	5.3	5	6.1	[5.5]	6.5	5.3	[5.8]	3.2	
Cercospora			7.4			[8.0]	-	[7.4]	[7.3]	[7.9]	[8.5]	-	[6.6]	[7.9]	-	-	[7.4]	[8.2]	[7.7]	[8.0]	[6.8]	[7.9]	[7.6]	-	[5.2]	[7.5]	-	[8.6]	
OTHER CLAIMS																													
AYPR (Aggressive rhizomania)						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	
ALS (Herbicide Tolerant)						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	-	Y	Y	Y	-	
BCN (as claimed by the Breeder)						-	-	Y	Y	Y	-	-	-	-	Y	-	-	-	-	-	Y	-	-	-	-	-	Y	-	
V (as claimed by the Breeder) <sup>7</sup>						-	-	-	-	-	-	-	-	-	-	-	-	-	-	V	-	-	-	V	-	-	-	V	
CERC (as claimed by the Breeder)						-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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 <sup>8</sup>																													
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	

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 31 trials were drilled and had data collected over the 3 years; 25 of these trials were harvested.

3 Yields based on an average plant population of 101,100 plants/ha in these trials. Differences in adjusted tonnes of less than 3.4% 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 3.5% should be treated with reserve.

6 Cercospora ratings should be treated with caution with no available data in 2022.

7 Breeders claims are for partial tolerance to some of the yellowing viruses

8 BTS = Betaseed, KWS = KWS UK Ltd, LG = Limagrain UK Ltd, STR = Strube UK Ltd, SV = SESVanderHave UK Ltd, HH = Hilleshög [] - limited data