**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 % of C=100% | | | | 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)[8] | | | OTHER CLAIMS | | | | | Breeder | Agent |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Adjusted Tonnes[3] | Sugar yield[3] | Root yield[3] | Pre-Gapping Establishment[4] | | | "X" Unsuitable for sowing BEFORE Mid March | Early sowing before 5 March[5] | Normal sowing | Rust | Powdery mildew | Cercospora | BCN (as claimed by the Breeder) | ALS (Herbicide Tolerant) | AYPR (Aggressive rhizomania) | V (as claimed by the Breeder)[7] | CERC (as claimed by the Breeder) | | |
| 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% lsd | | 4.4 | 4.4 | 4.1 | 3.9 | 0.31 | 0.21 | - | 2,999 | - | - | - | - | | | | | | | |
| 99.9% lsd | | - | - | - | - | - | - | - | 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 | 3,656 | 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 | 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 | 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 | 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 | 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 | KWS |
| Possom | Y1 | 99.8 | 99.8 | 98.1 | 101.8 | 17.39 | 3.28 | X | [5,353] | 0 | [4.8] | [6.1] | - | | | | | | SV | 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 | 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 | 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 | 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 | KWS |
| Partridge | Y1 | 99.3 | 99.3 | 97.9 | 97.9 | 17.33 | 3.19 | | [1,985] | 0 | [5.5] | [5.1] | - | | | | | | SV | 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 | 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 | 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] | | | | VY | | STR | 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] | | | | VY | | STR | STR |
| Pintail | Y1 | 98.9 | 98.9 | 97.0 | 97.8 | 17.44 | 3.68 | | [1,818] | 0 | [3.7] | [4.7] | - | BCN | | | | | SV | 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 | 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 | KWS |
| Mallard | Y1 | 98.8 | 98.8 | 96.3 | 100.3 | 17.55 | 3.48 | | [2,597] | 35 | [5.1] | [4.1] | - | BCN | | | | | SV | SV |
| Petrel | Y1 | 98.6 | 98.6 | 97.8 | 100.3 | 17.24 | 3.22 | | [2,251] | 16 | [4.0] | [3.7] | - | | | | | | SV | SV |
| Grouse | Y1 | 98.6 | 98.6 | 96.6 | 94.7 | 17.49 | 3.51 | | [2,133] | 14 | [4.7] | [4.4] | - | | | | | | SV | 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 | 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 | STR |
| Curlew | Y1 | 98.3 | 98.3 | 97.6 | 100.5 | 17.22 | 3.26 | | [2,334] | 35 | [5.3] | [6.0] | - | | | | | | SV | SV |
| Snipe | Y1 | 98.2 | 98.2 | 93.8 | 100.9 | 17.92 | 3.07 | X | [3,529] | 16 | [5.1] | [5.0] | - | | | | | | SV | 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 | SV |
| BTS 7870 | SY1 | 97.8 | 97.8 | 94.4 | 97.2 | 17.76 | 3.22 | X | 3,710 | 35 | [4.0] | [5.5] | - | | | | VY | | BTS | LG |
| Magpie | Y3 | 97.5 | 97.5 | 97.4 | 101.6 | 17.13 | 3.30 | | 2,170 | 26 | 3.9 | 4.9 | [8.2] | | | | | | SV | SV |
| Aslan | Y2 | 97.1 | 97.1 | 97.6 | 101.6 | 17.10 | 3.27 | | 1,138 | 0 | [4.5] | [6.4] | [7.8] | | | | | | HH | SV |
| Gadwall | Y2 | 97.1 | 97.1 | 97.6 | 101.5 | 17.06 | 3.45 | | [1,780] | 0 | [4.3] | [6.3] | [8.3] | | | | | | SV | 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] | | | | VY | | KWS | 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] | | | | VY | | KWS | KWS |
| Niksha KWS | SY1 | 94.7 | 94.7 | 92.3 | 95.6 | 17.59 | 3.28 | | 1,541 | 0 | [6.7] | [6.7] | - | | | | VY | | KWS | 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 | KWS |
| Osprey | SY4 | 94.5 | 94.5 | 93.0 | 99.6 | 17.38 | 3.21 | | 1,917 | 0 | 4.2 | 5.2 | [8.0] | | | AYPR | | | SV | 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 | 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 | LG |
| 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 | LG |
| 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 | 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 | LG |
| 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 | 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 | 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.
2. 26 Treated trials were drilled and had data collected over the 3 years; 15 of these trials were harvested.
3. 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
4. Differences in establishment of less than 3.9% should be treated with reserve.
5. The ratings from normal sowings are applicable for sowing after mid-March in most seasons.
6. Disease ratings are produced from untreated trials only.
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 Sugar Beet UK Ltd, SV = SESVanderHave UK Ltd, HH = Hilleshög.
9. Varieties with 'G' in the listing, are treated by Germains with Enrich 300 in the 2025 RL trials
10. Pellets used in RL Trials 2025-26: BTS = Ultripro, KWS = Initio early power, STR = 3D+, SV = SV1 (+ rampart), HH = HH1(+ rampart)
11. Control variety Annatina KWS no longer listed.
12. [ ] - limited data
13. # - 15% above mean of control