

**SUPPLEMENTARY DATA FOR THE SUGAR BEET RL VARIETIES FOR 2018**

| Rz1 rhizomania varieties<br>3-year data                      |             |             |                              | Cayman | Thor   | Springbok | Haydn  | Hornet | Stingray | Pasteur | Daphna | Senada KWS | Landon | Damella KWS | Cantona KWS | Alisha KWS | BTS 860 | Sabatina KWS | BTS 470 | BTS 3325 | Salamanca KWS | Degas  | Leesha KWS | Bloodhound | Flixter | Firefly | Aurora | Sandra KWS |     |
|--|-------------|-------------|------------------------------|--------|--------|-----------|--------|--------|----------|---------|--------|------------|--------|-------------|-------------|------------|---------|--------------|---------|----------|---------------|--------|------------|------------|---------|---------|--------|------------|-----|
|  |             |             |                              | R(C)   | R      | R(C)      | R(C)   | R(C)   | R        | R(C)    | PR1    | PR1        | PR1    | PR2         | PR2         | PR2        | PR2     | PR2          | PR2     | PR3      | PR3           | PR1    | PR3        | PR1        | PR3     | PR1     | PR2    | PR2        | PR3 |
| <b>STATUS (C) = control variety</b>                          |             |             |                              |        |        |           |        |        |          |         |        |            |        |             |             |            |         |              |         |          |               |        |            |            |         |         |        |            |     |
| <b>BOLTING EARLY SOWING</b><br>(sown on or before 5th March) |             |             |                              |        |        |           |        |        |          |         |        |            |        |             |             |            |         |              |         |          |               |        |            |            |         |         |        |            |     |
| Year   | Site        | Sowing date | Number of Vernalisation days |        |        |           |        |        |          |         |        |            |        |             |             |            |         |              |         |          |               |        |            |            |         |         |        |            |     |
| 2016   | Beal        | 25-Feb      | 41.1                         | 7,063  | 19,370 | 19,287    | 7,456  | 19,923 | 32,976   | 6,217   | 10,070 | 35,392     | 68,063 | 31,939      | 15,667      | 30,053     | 15,477  | 12,573       | 22,157  | 9,249    | 13,858        | 19,266 | 17,977     | 7,784      | 13,145  | 4,628   | 15,794 | 34,406     |     |
| 2016   | Beal        | 03-Mar      | 35.0                         | 2,588  | 4,072  | 10,278    | 3,093  | 10,361 | 14,443   | 19,554  | 5,012  | 18,916     | 32,499 | 16,742      | 9,556       | 9,730      | 5,549   | 5,471        | 9,909   | 5,745    | 6,064         | 9,444  | 8,739      | 2,705      | 3,792   | 1,440   | 6,402  | 19,808     |     |
| 2016   | Brooms Barn | 25-Feb      | 40.3                         | 0      | 3,378  | 1,651     | 879    | 2,917  | 4,697    | 435     | 1,462  | 2,211      | 15,832 | 6,250       | 2,030       | 4,820      | 2,780   | 1,528        | 1,986   | 1,458    | 2,635         | 2,030  | 4,136      | 688        | 1,509   | 4,211   | 1,580  | 9,016      |     |
| 2016   | Cranwell    | 19-Feb      | 49.5                         | 16,337 | 35,386 | 33,789    | 28,135 | 44,620 | 60,050   | 16,545  | 38,053 | 70,490     | 89,588 | 81,552      | 63,004      | 78,135     | 47,384  | 55,011       | 63,356  | 45,350   | 68,522        | 52,185 | 61,668     | 31,409     | 47,833  | 27,527  | 29,940 | 85,956     |     |
| 2016   | Cranwell    | 26-Feb      | 45.0                         | 12,436 | 12,086 | 17,410    | 6,512  | 14,796 | 22,788   | 9,299   | 9,439  | 45,401     | 47,480 | 34,304      | 24,259      | 48,244     | 13,761  | 24,086       | 24,193  | 8,824    | 11,725        | 13,888 | 25,876     | 2,066      | 10,890  | 13,380  | 11,028 | 33,598     |     |
| 2015   | Beal        | 25-Feb      | 52.1                         | 19,071 | 4,250  | 29,625    | 5,625  | 29,375 | 20,500   | 12,500  | 21,625 | 44,928     | 40,000 | 43,750      | 16,285      | 24,000     | 17,500  | 25,125       | 36,625  | 6,260    | 27,875        | 22,625 | 36,250     | 7,500      | 10,330  | 9,625   | 23,000 | 36,250     |     |
| 2015   | Beal        | 05-Mar      | 45.0                         | 14,875 | 1,125  | 15,000    | 1,250  | 22,125 | 7,000    | 4,375   | 6,875  | 27,250     | 18,375 | 42,750      | 8,250       | 11,250     | 5,610   | 14,000       | 33,875  | 4,125    | 23,500        | 9,125  | 24,125     | 7,769      | 4,250   | 11,500  | 31,250 |            |     |
| 2015   | Docking     | 05-Mar      | 29.7                         | 1,983  | 750    | 2,156     | 1,625  | 3,500  | 4,000    | 2,125   | 875    | 4,000      | 1,750  | 2,806       | 3,819       | 3,000      | 4,875   | 4,635        | 6,125   | 511      | 4,210         | 1,314  | 3,985      | 750        | 2,000   | 1,125   | 2,500  | 5,875      |     |
| 2015   | Cranwell    | 21-Feb      | 42.0                         | 13,766 | 12,156 | 26,124    | 17,104 | 24,717 | 13,573   | 24,600  | 17,614 | 55,456     | 74,475 | 37,858      | 24,060      | 34,511     | 23,297  | 24,462       | 54,593  | 11,522   | 33,632        | 24,700 | 42,308     | 9,095      | 13,402  | 18,707  | 15,046 | 67,522     |     |
| 2015   | Cranwell    | 26-Feb      | 38.3                         | 12,747 | 5,113  | 25,517    | 5,736  | 28,472 | 12,935   | 12,911  | 13,533 | 37,490     | 58,484 | 25,409      | 15,763      | 24,562     | 16,102  | 25,387       | 39,447  | 4,932    | 36,369        | 14,449 | 35,251     | 4,638      | 6,628   | 8,153   | 17,882 | 52,169     |     |
| 2014   | Beal        | 01-Mar      | 16.4                         | 5,750  | 1,125  | 9,625     | 2,375  | 4,125  | 4,500    | 2,500   | 1,000  | 7,250      | 12,000 | 17,250      | 1,750       | 1,500      | 4,875   | 2,250        | 8,500   | 875      | 3,000         | 3,750  | 3,250      | 1,125      | 2,875   | 1,250   | 11,125 | 13,000     |     |
| 2014   | Cranwell    | 21-Feb      | 26.3                         | 8,125  | 4,815  | 10,250    | 4,125  | 13,899 | 5,625    | 6,750   | 2,627  | 15,041     | 12,875 | 23,250      | 5,500       | 11,143     | 9,250   | 9,106        | 8,406   | 1,000    | 5,571         | 3,125  | 10,143     | 2,875      | 6,379   | 2,375   | 17,440 | 26,417     |     |
| 2014   | Cranwell    | 26-Feb      | 24.6                         | 2,000  | 250    | 2,000     | 500    | 777    | 1,375    | 888     | 598    | 2,742      | 3,798  | 4,125       | 250         | 1,262      | 2,280   | 761          | 2,146   | 125      | 458           | 1,442  | 1,327      | 125        | 268     | 2,125   | 8,190  |            |     |
| 2014   | Cranwell    | 05-Mar      | 20.1                         | 1,990  | 420    | 2,030     | 1,026  | 741    | 743      | 1,435   | 2,570  | 602        | 1,375  | 4,251       | 930         | 2,820      | 2,149   | 666          | 3,013   | 0        | 1,197         | 1,151  | 3,310      | 189        | 1,156   | 190     | 3,746  | 8,300      |     |

Data in bold from commercial seed.