

## Trap period 08 April – 14 April 2019

### General

- The total number of aphids flying and species diversity have increased this bulletin week. Only single individuals of many species were recorded however.
- The numbers of cereal aphids recorded from the suction-traps has slightly increased with three first arrivals being noted this week.
- Some winter cereals have not yet passed the danger period for BYDV, i.e. beyond GS31. No field reports of cereal aphids have been received.
- The first pea aphid from Silwood Park was recorded this bulletin week.
- No data are available from Dundee and Gogarbank this week.

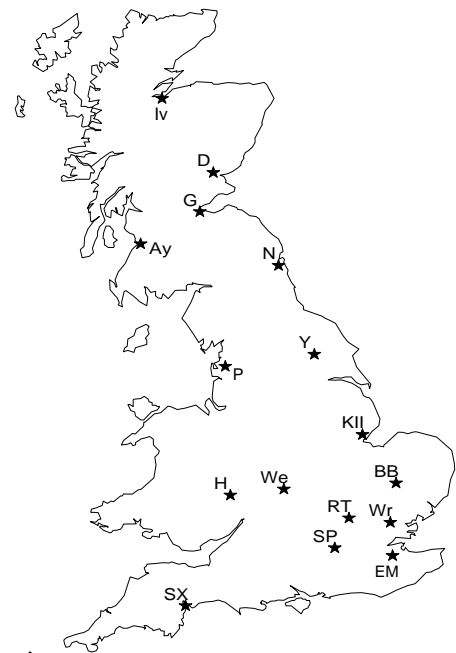
**Monitoring at risk cereal and oilseed rape crops is advised.**

### Suction-trap locations

AHDB Aphid News is based on information on aphid species and numbers from the Rothamsted Research/SASA suction-trap (ST) network. The traps are located at:

Inverness (Iv), Dundee (D), Gogarbank (G), Ayr (Ay), Newcastle (N), Preston (P), York (Y), Kirton (K), Broom's Barn (BB), Wellesbourne (We), Hereford (H), Rothamsted Tower (RT), Writtle (Wr), Silwood Park (SP), East Malling\* (EM) and Starcross (SX).

\* The East Malling (EM) trap will start operating during 2019.



## Suction-trap data

\*' indicates where totals have been corrected proportionally to seven days, fewer days' samples having been processed, '#' indicates the first occurrence of this aphid species this year and **0 = none so far this year.**

Red text indicates an increase (↑) and blue text indicates a decrease (↓) in aphid numbers compared to last week. "/" indicates that we have no data from this trap.

| Rose-grain aphid<br>( <i>Metopolophium dirhodum</i> ) | Bulletin Week Totals 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|---|----------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|   | 2019                             | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee  | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                                 | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Newcastle   | *0                               | 0    | 0                       | 0                       | 0    | 0                       |
| York  | 0                                | 0    |                         | 0                       | 0    |                         |
| Preston   | 0                                | 0    | 0                       | 1                       | 0    | 0                       |
| Kirton II   | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)                        | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Wellesbourne  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Hereford  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Rothamsted (Harpenden)                                | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Writtle   | 0                                | 0    | 0                       | 0                       | 1    | 1                       |
| Silwood Park (nr Ascot)                               | 0                                | 0    | 0                       | 2                       | 0    | 1                       |
| East Malling  | /                                |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                                 | 0                                | 0    | 0                       | 3                       | 0    | 1                       |

| Bird cherry-oat aphid<br>( <i>Rhopalosiphum padi</i> ) | Bulletin Week Totals 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|--|----------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|  | 2019                             | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee   | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                                  | /                                | 0    | 0                       | 0                       | 1    | 0                       |
| Newcastle  | *0                               | 0    | 0                       | 0                       | 0    | 0                       |
| York   | 0                                | 0    |                         | 0                       | 0    |                         |
| Preston  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Kirton II  | 0                                | 0    | 0                       | 2                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)                         | 1 #                              | 0    | 0                       | 1                       | 0    | 0                       |
| Wellesbourne   | 0                                | 0    | 0                       | 0                       | 0    | 1                       |
| Hereford   | 0                                | 1    | 0                       | 1                       | 2    | 1                       |
| Rothamsted (Harpenden)                                 | 0                                | 0    | 0                       | 2                       | 0    | 0                       |
| Writtle  | 1                                | 0    | 0                       | 6                       | 0    | 1                       |
| Silwood Park (nr Ascot)                                | 1 #                              | 0    | 0                       | 1                       | 0    | 1                       |
| East Malling   | /                                |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                                  | 1                                | 0    | 0                       | 9                       | 0    | 3                       |

| Grain aphid<br><i>(Sitobion avenae)</i> | Bulletin Week Total 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|---|---------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|   | 2019                            | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee                                  | /                               | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                   | /                               | 0    | 0                       | 0                       | 0    | 0                       |
| Newcastle                               | *0                              | 0    | 0                       | 0                       | 0    | 0                       |
| York                                    | 1 #                             | 0    |                         | 1                       | 0    |                         |
| Preston                                 | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Kirton II                               | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)          | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Wellesbourne                            | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Hereford                                | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Rothamsted (Harpenden)                  | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| Writtle                                 | 0                               | 0    | 0                       | 1                       | 0    | 0                       |
| Silwood Park (nr Ascot)                 | 0                               | 0    | 0                       | 0                       | 0    | 0                       |
| East Malling                            | /                               |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                   | 0                               | 0    | 0                       | 0                       | 0    | 1                       |

| Potato aphid<br><i>(Macrosiphum euphorbiae)</i> | Bulletin Week Totals 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|---|----------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|   | 2019                             | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee  | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                           | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Newcastle                                       | *0                               | 0    | 0                       | 0                       | 0    | 0                       |
| York  | 0                                | 0    |                         | 0                       | 0    |                         |
| Preston   | 0                                | 0    | 0                       | 1                       | 0    | 0                       |
| Kirton II                                       | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)                  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Wellesbourne                                    | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Hereford  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Rothamsted (Harpenden)                          | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Writtle   | 1 #                              | 0    | 0                       | 1                       | 0    | 0                       |
| Silwood Park (nr Ascot)                         | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| East Malling                                    | /                                |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                           | 0                                | 0    | 0                       | 1                       | 0    | 0                       |

| Willow-carrot aphid<br>( <i>Cavariella aegopodii</i> ) | Bulletin Week Totals 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|--|----------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|  | 2019                             | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee   | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                                  | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Newcastle  | *0                               | 0    | 0                       | 0                       | 0    | 0                       |
| York   | 0                                | 0    |                         | 0                       | 0    |                         |
| Preston  | 0                                | 0    | 0                       | 1                       | 0    | 0                       |
| Kirton II  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)                         | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Wellesbourne   | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Hereford   | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Rothamsted (Harpenden)                                 | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Writtle  | 0                                | 0    | 0                       | 1                       | 0    | 0                       |
| Silwood Park (nr Ascot)                                | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| East Malling   | /                                |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                                  | 0                                | 0    | 0                       | 1                       | 0    | 0                       |

| Pea aphid<br>( <i>Acyrtosiphon pisum</i> ) | Bulletin Week Totals 08/04-14/04 |      |                         | Accumulated until 14/04 |      |                         |
|--|----------------------------------|------|-------------------------|-------------------------|------|-------------------------|
|  | 2019                             | 2018 | 10-year average 2009-18 | 2019                    | 2018 | 10-year average 2009-18 |
| Dundee                                     | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Gogarbank (Edinburgh)                      | /                                | 0    | 0                       | 0                       | 0    | 0                       |
| Newcastle                                  | *0                               | 0    | 0                       | 0                       | 0    | 0                       |
| York                                       | 0                                | 0    |                         | 0                       | 0    |                         |
| Preston                                    | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Kirton II                                  | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Broom's Barn (Bury St Edmunds)             | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Wellesbourne                               | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Hereford                                   | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Rothamsted (Harpenden)                     | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Writtle                                    | 0                                | 0    | 0                       | 0                       | 0    | 0                       |
| Silwood Park (nr Ascot)                    | 1 #                              | 0    | 0                       | 1                       | 0    | 0                       |
| East Malling                               | /                                |      |                         | 0                       |      |                         |
| Starcross (nr Exeter)                      | 0                                | 0    | 0                       | 0                       | 0    | 0                       |

### Further information

Please send information on crop aphids to: [alex.greenslade@rothamsted.ac.uk](mailto:alex.greenslade@rothamsted.ac.uk)

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