





## Suction-trapping Results

The information below relates to suction-trap samples collected during Bulletin Week **15: 03/07 – 09/07**.

‘\*’ indicates where totals have been corrected proportionally to seven days, fewer days’ samples having been processed and **0 = none so far this year**.

| Rose-grain aphid<br>( <i>Metopolophium dirhodum</i> ) | Bulletin Week Totals |                                | 03/07-09/07 |                         | Accumulated until |      | 09/07                   |
|---|----------------------|--------------------------------|-------------|-------------------------|-------------------|------|-------------------------|
|   | 2017                 | Compared to last Bulletin week | 2016        | 10-year average 2007-16 | 2017              | 2016 | 10-year average 2007-16 |
| Dundee  | *0                   |                                | 11          | 302                     | 14                | 60   | 418                     |
| Gogarbank (Edinburgh)                                 | 3                    | ↑                              | 3           | 151                     | 209               | 29   | 277                     |
| Newcastle   | 3                    | ↓                              | 4           | 15                      | 57                | 39   | 71                      |
| York  | 8                    | ↓                              | 0           | /                       | 164               | 27   | /                       |
| Preston   | 4                    | ↑                              | 4           | 13                      | 168               | 67   | 291                     |
| Kirton  | 18                   | ↑                              | 6           | 443                     | 223               | 32   | 876                     |
| Broom’s Barn (Bury St Edmunds)                        | 34                   | ↑                              | 8           | 234                     | 200               | 40   | 688                     |
| Wellesbourne  | 80                   | ↓                              | 0           | 67                      | 279               | 51   | 277                     |
| Hereford  | 22                   | ↑                              | 0           | 83                      | 149               | 34   | 327                     |
| Rothamsted (Harpenden)                                | 18                   | ↑                              | 4           | 142                     | 87                | 45   | 352                     |
| Writtle   | 4                    | ↑                              | 2           | 142                     | 83                | 46   | 422                     |
| Silwood Park (nr Ascot)                               | 2                    | ↓                              | 0           | 5                       | 33                | 18   | 107                     |
| Wye   | 26                   | ↑                              | 7           | 65                      | 102               | 26   | 136                     |
| Starcross (nr Exeter)                                 | 16                   | ↑                              | 1           | 27                      | 146               | 62   | 286                     |

The rose-grain aphid was caught at all sites but Dundee this bulletin week, increasing at nine sites with the highest number caught at Wellesbourne (80).

| Bird cherry–oat aphid<br>( <i>Rhopalosiphum padi</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|--|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|  | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee   | *2                   | ↑                                 | 155         | 173                           | 11                | 867  | 450                           |
| Gogarbank (Edinburgh)                                  | 2                    | ↓                                 | 11          | 331                           | 134               | 83   | 550                           |
| Newcastle  | 3                    | ↓                                 | 66          | 56                            | 81                | 129  | 240                           |
| York   | 12                   |                                   | 8           | /                             | 108               | 69   | /                             |
| Preston  | 20                   | ↑                                 | 6           | 9                             | 852               | 73   | 72                            |
| Kirton   | 10                   | ↓                                 | 3           | 161                           | 95                | 195  | 575                           |
| Broom's Barn (nr Bury St Edmunds)                      | 24                   | ↑                                 | 12          | 109                           | 112               | 273  | 654                           |
| Wellesbourne   | 50                   | ↑                                 | 10          | 18                            | 166               | 261  | 153                           |
| Hereford   | 12                   | ↑                                 | 7           | 42                            | 126               | 188  | 185                           |
| Rothamsted (Harpenden)                                 | 8                    | ↑                                 | 14          | 66                            | 48                | 213  | 284                           |
| Writtle  | 14                   | ↑                                 | 12          | 80                            | 91                | 429  | 385                           |
| Silwood Park (nr Ascot)                                | 6                    | ↑                                 | 8           | 12                            | 60                | 158  | 167                           |
| Wye  | 16                   | ↑                                 | 27          | 29                            | 139               | 216  | 195                           |
| Starcross (nr Exeter)                                  | 9                    | ↑                                 | 26          | 37                            | 185               | 538  | 292                           |

The bird cherry–oat aphid was caught at all sites this bulletin week, with numbers generally increasing in the south with the highest number caught at Wellesbourne (50).

| Grain aphid<br>( <i>Sitobion avenae</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|---|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|   | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee                                    | *0                   |                                   | 23          | 58                            | 6                 | 66   | 92                            |
| Gogarbank (Edinburgh)                     | 1                    | ↓                                 | 1           | 65                            | 112               | 23   | 119                           |
| Newcastle                                 | 7                    | ↑                                 | 1           | 7                             | 23                | 30   | 40                            |
| York                                      | 48                   | ↓                                 | 8           | /                             | 315               | 27   | /                             |
| Preston                                   | 16                   | ↑                                 | 4           | 53                            | 176               | 28   | 152                           |
| Kirton                                    | 16                   | ↑                                 | 1           | 388                           | 47                | 14   | 518                           |
| Broom's Barn (nr Bury St Edmunds)         | 40                   | ↑                                 | 0           | 185                           | 76                | 22   | 506                           |
| Wellesbourne                              | 16                   | ↑                                 | 3           | 192                           | 46                | 49   | 313                           |
| Hereford                                  | 26                   | ↑                                 | 1           | 97                            | 56                | 22   | 231                           |
| Rothamsted (Harpenden)                    | 48                   | ↑                                 | 1           | 249                           | 67                | 23   | 468                           |
| Writtle                                   | 62                   | ↑                                 | 1           | 233                           | 93                | 24   | 509                           |
| Silwood Park (nr Ascot)                   | 9                    | ↓                                 | 0           | 20                            | 46                | 25   | 131                           |
| Wye                                       | 30                   | ↓                                 | 3           | 83                            | 68                | 53   | 145                           |
| Starcross (nr Exeter)                     | 19                   | ↓                                 | 5           | 45                            | 137               | 66   | 162                           |

The grain aphid was caught at all sites apart from Dundee this week. The highest number was caught at Writtle (62).

| Peach–potato aphid<br>( <i>Myzus persicae</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|---|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|   | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee  | *30                  | ↑                                 | 4           | 3                             | 49                | 17   | 8                             |
| Gogarbank (Edinburgh)                           | 5                    |                                   | 4           | 3                             | 89                | 7    | 11                            |
| Newcastle                                       | 23                   | ↓                                 | 0           | 1                             | 269               | 19   | 14                            |
| York  | 20                   | ↓                                 | 0           | /                             | 922               | 246  | /                             |
| Preston   | 12                   | ↑                                 | 2           | 41                            | 61                | 118  | 118                           |
| Kirton  | 16                   | ↓                                 | 1           | 176                           | 688               | 192  | 536                           |
| Broom's Barn (nr Bury St Edmunds)               | 18                   | ↑                                 | 1           | 100                           | 1262              | 368  | 757                           |
| Wellesbourne                                    | 80                   | ↓                                 | 0           | 21                            | 992               | 1558 | 653                           |
| Hereford  | 44                   | ↓                                 | 0           | 22                            | 375               | 543  | 205                           |
| Rothamsted (Harpenden)                          | 10                   | ↓                                 | 0           | 77                            | 275               | 283  | 380                           |
| Writtle   | 6                    | ↑                                 | 2           | 102                           | 129               | 405  | 707                           |
| Silwood Park (nr Ascot)                         | 11                   | ↑                                 | 0           | 3                             | 36                | 52   | 59                            |
| Wye   | 30                   | ↑                                 | 4           | 13                            | 205               | 73   | 221                           |
| Starcross (nr Exeter)                           | 6                    |                                   | 0           | 9                             | 134               | 44   | 148                           |

The peach–potato aphid was caught at all sites this week, with the highest number caught at Wellesbourne (80).

| Potato aphid<br>( <i>Macrosiphum euphorbiae</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|---|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|   | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee  | *0                   |                                   | 1           | 2                             | 10                | 15   | 11                            |
| Gogarbank (Edinburgh)                             | 1                    | ↓                                 | 0           | 10                            | 65                | 14   | 37                            |
| Newcastle   | 0                    | ↓                                 | 1           | 1                             | 33                | 5    | 12                            |
| York  | 0                    | ↓                                 | 0           | /                             | 41                | 9    | /                             |
| Preston   | 0                    |                                   | 0           | 2                             | 28                | 28   | 26                            |
| Kirton  | 0                    | ↓                                 | 0           | 17                            | 66                | 15   | 49                            |
| Broom's Barn (nr Bury St Edmunds)                 | 0                    | ↓                                 | 0           | 2                             | 21                | 4    | 29                            |
| Wellesbourne                                      | 0                    | ↓                                 | 0           | 3                             | 54                | 19   | 36                            |
| Hereford  | 0                    | ↓                                 | 0           | 16                            | 110               | 27   | 59                            |
| Rothamsted (Harpenden)                            | 4                    | ↑                                 | 0           | 3                             | 17                | 14   | 19                            |
| Writtle   | 2                    | ↑                                 | 0           | 4                             | 55                | 16   | 37                            |
| Silwood Park (nr Ascot)                           | 0                    |                                   | 0           | 0                             | 9                 | 15   | 18                            |
| Wye   | 2                    | ↑                                 | 1           | 2                             | 21                | 3    | 12                            |
| Starcross (nr Exeter)                             | 0                    |                                   | 0           | 4                             | 37                | 9    | 40                            |

The potato aphid was caught in single figures at only four sites this bulletin week. Numbers increased in the south but decreased in the north, with the highest number at Rothamsted (4).

| <b>Cabbage aphid</b><br>( <i>Brevicoryne brassicae</i> ) | <b>Bulletin Week Totals</b> |                                | <b>03/07-09/07</b> |                         | <b>Accumulated until</b> |      | <b>09/07</b>            |
|--|-----------------------------|--------------------------------|--------------------|-------------------------|--------------------------|------|-------------------------|
|  | 2017                        | Compared to last Bulletin week | 2016               | 10-year average 2007-16 | 2017                     | 2016 | 10-year average 2007-16 |
| Dundee   | *2                          | ↑                              | 0                  | 0                       | 4                        | 0    | 0                       |
| Gogarbank (Edinburgh)                                    | 2                           | ↑                              | 1                  | 0                       | 21                       | 3    | 2                       |
| Newcastle  | 1                           | ↓                              | 0                  | 0                       | 18                       | 1    | 5                       |
| York   | 4                           | ↓                              | 4                  | /                       | 31                       | 46   | /                       |
| Preston  | 0                           |                                | 0                  | 1                       | 20                       | 94   | 24                      |
| Kirton   | 6                           | ↑                              | 0                  | 23                      | 43                       | 69   | 145                     |
| Broom's Barn (nr Bury St Edmunds)                        | 10                          | ↑                              | 0                  | 21                      | 125                      | 34   | 77                      |
| Wellesbourne   | 16                          | ↑                              | 3                  | 121                     | 83                       | 1272 | 831                     |
| Hereford   | 44                          | ↑                              | 0                  | 15                      | 122                      | 985  | 248                     |
| Rothamsted (Harpenden)                                   | 0                           | ↓                              | 0                  | 12                      | 4                        | 7    | 42                      |
| Writtle  | 6                           | ↑                              | 0                  | 31                      | 23                       | 41   | 180                     |
| Silwood Park (nr Ascot)                                  | 7                           | ↑                              | 0                  | 9                       | 16                       | 9    | 48                      |
| Wye  | 24                          | ↑                              | 0                  | 25                      | 40                       | 21   | 88                      |
| Starcross (nr Exeter)                                    | 17                          | ↑                              | 0                  | 13                      | 75                       | 9    | 136                     |

The mealy cabbage aphid was caught at twelve sites this week, increasing at ten sites with the highest numbers at Hereford (44).

| <b>Willow-carrot aphid</b><br>( <i>Cavariella aegopodii</i> ) | <b>Bulletin Week Totals</b> |                                | <b>03/07-09/07</b> |                         | <b>Accumulated until</b> |      | <b>09/07</b>            |
|---|-----------------------------|--------------------------------|--------------------|-------------------------|--------------------------|------|-------------------------|
|   | 2017                        | Compared to last Bulletin week | 2016               | 10-year average 2007-16 | 2017                     | 2016 | 10-year average 2007-16 |
| Dundee  | *0                          |                                | 2                  | 2                       | 14                       | 174  | 81                      |
| Gogarbank (Edinburgh)   | 0                           | ↓                              | 2                  | 6                       | 73                       | 155  | 105                     |
| Newcastle   | 10                          | ↑                              | 11                 | 6                       | 155                      | 70   | 95                      |
| York  | 0                           | ↓                              | 4                  | /                       | 739                      | 458  | /                       |
| Preston   | 4                           | ↓                              | 2                  | 11                      | 532                      | 1057 | 625                     |
| Kirton  | 0                           | ↓                              | 1                  | 17                      | 1027                     | 693  | 756                     |
| Broom's Barn (nr Bury St Edmunds)                             | 0                           | ↓                              | 0                  | 15                      | 594                      | 446  | 853                     |
| Wellesbourne  | 4                           | ↓                              | 0                  | 3                       | 927                      | 426  | 559                     |
| Hereford  | 2                           | ↓                              | 0                  | 16                      | 838                      | 149  | 406                     |
| Rothamsted (Harpenden)  | 0                           |                                | 3                  | 9                       | 136                      | 240  | 481                     |
| Writtle   | 0                           |                                | 1                  | 10                      | 250                      | 481  | 1003                    |
| Silwood Park (nr Ascot)                                       | 0                           |                                | 0                  | 1                       | 113                      | 124  | 293                     |
| Wye   | 0                           |                                | 1                  | 7                       | 154                      | 243  | 431                     |
| Starcross (nr Exeter)   | 2                           | ↑                              | 0                  | 12                      | 162                      | 129  | 171                     |

The willow-carrot aphid was caught at only five sites this week. Numbers have fallen at several sites but have increased at Starcross and Newcastle, the latter of which had highest number (10).

| Pea aphid<br>( <i>Acyrtosiphon pisum</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|--|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|  | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee                                     | *2                   | ↑                                 | 2           | 5                             | 3                 | 6    | 9                             |
| Gogarbank (Edinburgh)                      | 0                    |                                   | 0           | 9                             | 4                 | 2    | 19                            |
| Newcastle                                  | 0                    |                                   | 2           | 2                             | 6                 | 11   | 8                             |
| York                                       | 8                    | ↑                                 | 0           | /                             | 9                 | 8    | /                             |
| Preston                                    | 8                    | ↑                                 | 0           | 5                             | 18                | 6    | 31                            |
| Kirton                                     | 30                   | ↑                                 | 0           | 151                           | 110               | 64   | 266                           |
| Broom's Barn (nr Bury St Edmunds)          | 48                   | ↑                                 | 0           | 99                            | 107               | 88   | 222                           |
| Wellesbourne                               | 50                   | ↑                                 | 0           | 67                            | 130               | 175  | 199                           |
| Hereford                                   | 0                    | ↓                                 | 0           | 9                             | 39                | 103  | 61                            |
| Rothamsted (Harpenden)                     | 40                   | ↑                                 | 2           | 46                            | 100               | 110  | 149                           |
| Writtle                                    | 132                  | ↑                                 | 0           | 144                           | 215               | 111  | 299                           |
| Silwood Park (nr Ascot)                    | 13                   | ↑                                 | 0           | 10                            | 26                | 51   | 65                            |
| Wye  | 22                   | ↓                                 | 1           | 51                            | 99                | 34   | 113                           |
| Starcross (nr Exeter)                      | 0                    | ↓                                 | 2           | 8                             | 23                | 32   | 76                            |

The pea aphid was caught at ten sites this week, with numbers increasing at many sites. The highest number was a hotspot at Writtle (132).

| Black bean aphid<br>( <i>Aphis fabae</i> ) | Bulletin Week Totals |                                   | 03/07-09/07 |                               | Accumulated until |      | 09/07                         |
|--|----------------------|-----------------------------------|-------------|-------------------------------|-------------------|------|-------------------------------|
|  | 2017                 | Compared to last<br>Bulletin week | 2016        | 10-year<br>average<br>2007-16 | 2017              | 2016 | 10-year<br>average<br>2007-16 |
| Dundee                                     | *0                   |                                   | 0           | 2                             | 0                 | 4    | 5                             |
| Gogarbank (Edinburgh)                      | 0                    |                                   | 0           | 2                             | 9                 | 3    | 5                             |
| Newcastle                                  | 2                    | ↑                                 | 0           | 1                             | 8                 | 0    | 3                             |
| York                                       | 28                   | ↑                                 | 0           | /                             | 87                | 0    | /                             |
| Preston                                    | 12                   | ↓                                 | 0           | 3                             | 69                | 1    | 18                            |
| Kirton                                     | 10                   | ↓                                 | 0           | 53                            | 37                | 8    | 120                           |
| Broom's Barn (nr Bury St Edmunds)          | 4                    | ↑                                 | 0           | 78                            | 108               | 1    | 228                           |
| Wellesbourne                               | 14                   | ↓                                 | 0           | 60                            | 108               | 2    | 169                           |
| Hereford                                   | 6                    | ↓                                 | 0           | 29                            | 17                | 0    | 92                            |
| Rothamsted (Harpenden)                     | 18                   | ↑                                 | 1           | 112                           | 106               | 6    | 271                           |
| Writtle                                    | 4                    | ↑                                 | 1           | 53                            | 87                | 3    | 259                           |
| Silwood Park (nr Ascot)                    | 0                    |                                   | 0           | 8                             | 12                | 12   | 57                            |
| Wye  | 6                    | ↑                                 | 3           | 33                            | 27                | 5    | 71                            |
| Starcross (nr Exeter)                      | 6                    | ↓                                 | 3           | 17                            | 263               | 212  | 98                            |

The black bean aphid was caught at eleven sites this week, with the highest number at York (28).

## Further information

Please send information on crop aphids to: [mark-s.taylor@rothamsted.ac.uk](mailto:mark-s.taylor@rothamsted.ac.uk)

AHDB Cereals and Oilseeds: [Click here](#)

AHDB Potatoes: [Click here](#)

AHDB Horticulture: [Click here](#)

Rothamsted Insect Survey: [Click here](#)

Science and Advice for Scottish Agriculture (SASA): [Click here](#)

In partnership with



AHDB publications are free to levy payers  
Electronic version can be downloaded at [cereals.ahdb.org.uk/aphidnews](http://cereals.ahdb.org.uk/aphidnews)  
To join the mailing lists, contact: [comms@ahdb.org.uk](mailto:comms@ahdb.org.uk)

While the Agriculture and Horticulture Development Board seeks to ensure that the information contained within this document is accurate at the time of printing, no warranty is given in respect thereof and, to the maximum extent permitted by law, the Agriculture and Horticulture Development Board accepts no liability for loss, damage or injury howsoever caused (including that caused by negligence) or suffered directly or indirectly in relation to information and opinions contained in or omitted from this document. Reference herein to trade names and proprietary products without stating that they are protected does not imply that they may be regarded as unprotected and thus free for general use. No endorsement of named products is intended, nor is any criticism implied of other alternative but unnamed products.

© Agriculture and Horticulture Development Board 2017. All rights reserved