Suction-trapping period 23 April to 29 April 2018

- In accordance with the more seasonal cooler air temperature and wetter conditions, the total number of aphids flying and species diversity has decreased this bulletin week.

- Of the main cereal aphids, only two bird cherry-oat aphids were caught in the suction traps this bulletin week, comprising first arrivals from Writtle and Starcross.

- No field reports of cereal aphids have been received this bulletin week. Some winter cereal crops have not yet passed the danger period for BYDV (i.e. beyond GS31).

- No willow-carrot aphids were caught this bulletin week.

- So far this year, no peach-potato aphids, potato aphids or black bean aphids have been caught from any of the suction traps.

The tables below show species of importance which have appeared for the first time at specific sites, together with forecast dates where available, their time of first arrival last year and the average time of their first arrival over the last ten years [0 = none so far this year and x/x = a first arrival this bulletin week].

Rose–grain aphid (*Metopolophium dirhodum*)

<table>
<thead>
<tr>
<th>Rose–grain aphid</th>
<th>FIRST ARRIVALS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
</tr>
<tr>
<td>D= Dundee</td>
<td>0</td>
</tr>
<tr>
<td>G= Edinburgh</td>
<td>0</td>
</tr>
<tr>
<td>N= Newcastle</td>
<td>0</td>
</tr>
<tr>
<td>Y = York</td>
<td>0</td>
</tr>
<tr>
<td>P = Preston</td>
<td>0</td>
</tr>
<tr>
<td>K = Kirton</td>
<td>0</td>
</tr>
<tr>
<td>BB = Bury St Edmunds</td>
<td>0</td>
</tr>
<tr>
<td>We = Wellesbourne</td>
<td>0</td>
</tr>
<tr>
<td>H = Hereford</td>
<td>0</td>
</tr>
<tr>
<td>RT = Harpenden</td>
<td>0</td>
</tr>
<tr>
<td>WR = Writtle</td>
<td>5/3</td>
</tr>
<tr>
<td>SP = nr Ascot</td>
<td>0</td>
</tr>
<tr>
<td>W = Wye</td>
<td>0</td>
</tr>
<tr>
<td>SX = nr Exeter</td>
<td>13/4</td>
</tr>
</tbody>
</table>

No rose-grain aphids were caught this bulletin week.
Bird cherry–oat aphid (*Rhopalosiphum padi*)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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<td>D= Dundee</td>
<td>0</td>
</tr>
<tr>
<td>G= Edinburgh</td>
<td>22/1</td>
</tr>
<tr>
<td>N= Newcastle</td>
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<tr>
<td>Y = York</td>
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<tr>
<td>P = Preston</td>
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<tr>
<td>K = Kirton</td>
<td>0</td>
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<tr>
<td>BB = Bury St Edmunds</td>
<td>0</td>
</tr>
<tr>
<td>We = Wellesbourne</td>
<td>0</td>
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<td>H = Hereford</td>
<td>29/3</td>
</tr>
<tr>
<td>RT = Harpenden</td>
<td>0</td>
</tr>
<tr>
<td>WR = Writtle</td>
<td>23/4</td>
</tr>
<tr>
<td>SP = nr Ascot</td>
<td>0</td>
</tr>
<tr>
<td>W = Wye</td>
<td>25/3</td>
</tr>
<tr>
<td>SX = nr Exeter</td>
<td>28/4</td>
</tr>
</tbody>
</table>

The first bird cherry-oat aphids were caught at Writtle and Starcross this bulletin week. A single individual from Writtle was 4 days later than predicted and another from Starcross over a month later than forecast.

Willow–carrot aphid (*Cavariella aegopodii*)

<table>
<thead>
<tr>
<th>Willow–carrot aphid</th>
<th>FIRST ARRIVALS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
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<td>D= Dundee</td>
<td>0</td>
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<tr>
<td>G= Edinburgh</td>
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<td>N= Newcastle</td>
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<tr>
<td>RT = Harpenden</td>
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</tr>
<tr>
<td>WR = Writtle</td>
<td>0</td>
</tr>
<tr>
<td>SP = nr Ascot</td>
<td>0</td>
</tr>
<tr>
<td>W = Wye</td>
<td>0</td>
</tr>
<tr>
<td>SX = nr Exeter</td>
<td>22/4</td>
</tr>
</tbody>
</table>

No willow–carrot aphids were caught this bulletin week.
Further information

Please send information on crop aphids to: alex.greenslade@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

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