AHDB Aphid News

Suction-trap period 03 June – 09 June 2019

General

- Average air temperatures were below the long-term average. However, the number aphids increased slightly (to 115% of those recorded in the previous week)
- Cereal aphid numbers increased slightly (to 115%), mostly due to a doubling of grain aphid numbers. Accumulated numbers are mostly above the 10-year mean. The thresholds to justify insecticide sprays for direct feeding damage is for 50% of tillers to be infested before GS61 increasing to 66% of tillers infested from GS61 to two weeks before the end of grain filling
- Peach–potato aphids increased to 235% of those recorded in the previous week. A hotspot at Broom’s Barn approached numbers not recorded until mid-July in 2018
- Potato aphids also more than doubled in numbers across much of Britain, increasing substantially against the 10-year mean at many sites in England
- Cabbage aphids increased at four sites with a hotspot at Writtle
- Four currant–lettuce aphids were recorded from Broom’s Barn
- Willow–carrot aphid numbers declined to 44%, compared with last week, across all but three sites
- Pea aphid increased at seven sites, including a first arrival at Gogarbank. Combining peas should be sprayed when around 20% of plants are infested and vining peas when 15% are infested
- Black bean aphid numbers increased at two sites. The threshold for black bean aphid in field and broad beans is 10% colonisation
- Monitoring 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

**(Metopolophium dirhodum)**

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*(*Macrosiphum euphorbiae*)

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### Cabbage aphid

*(Brevicoryne brassicae)*

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(Cavariella aegopodii)

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### Pea aphid
(Acrythosiphon pisum)

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<td>Starcross (nr Exeter)</td>
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</table>

### Further information

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

insectsurvey.com

ahdb.org.uk/aphid-news

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