

# AHDB Aphid News

Trap period 06 April – 12 April 2020

## General

In response to the Covid-19 pandemic; the Rothamsted Insect Survey is at this time operating at reduced capacity. The team will process as many samples as possible to produce weekly results, but substantial disruption to the normal reporting service is expected. Most of the suction-trap network is currently operating on a weekly trapping regime with several sites unable to send samples.

- Due to technical difficulties relating to the current situation, 10-year average data will be displayed on the data tables below and on the Rothamsted Insect Survey website from 2009 – 2018.
- With the continued increase in average air temperatures during this reporting period the number and diversity of aphids recorded from active sites from the last reporting period has increased with 11 first arrivals being noted.
- The numbers of cereal aphids recorded from the suction-traps has increased this reporting period with first arrivals being recorded from four sites.
- Many winter cereals have not yet passed the danger period for BYDV, i.e. beyond GS31.
- The late sowing of spring cereals this year could cause an issue where winged (alate) cereal aphid colonies may mature on winter crops in time to fly to spring crops that are newly emerged and hence cause greater damage. Multiple crop protection experts have said that there is some evidence that applying control measures earlier and not later (when natural enemies are more abundant) to spring cereals may be of some benefit, if crop inspections warrant such a measure.
- First arrivals were also recorded of the Peach-potato aphid from two sites along with further first arrivals of Potato aphid also from two sites.
- The first arrivals of Willow-carrot aphid were also noted this week from three sites.

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

## 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.

Only tables for species reported upon that have been recorded so far this year are displayed.

Rose-grain aphid ( <i>Metopolophium dirhodum</i> )	Bulletin Week Totals		06/04-12/04	Accumulated until		12/04
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	1
Kirton	0	0	0	0	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	0	0	1
Wellesbourne	/	0	1	0	0	1
Hereford	/	0	0	0	0	0
Rothamsted (Harpenden)	1 #	0	0	1	0	0
Writtle	/	0	0	0	1	1
Silwood Park (nr Ascot)	0	0	0	0	0	1
East Malling	0			0		
Starcross (nr Exeter)	*9	2	0	11	2	1

Bird cherry-oat aphid ( <i>Rhopalosiphum padi</i> )	Bulletin Week Totals		06/04-12/04	Accumulated until		12/04
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	1
Kirton	0	0	0	0	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	1	0	1
Wellesbourne	/	0	1	0	0	2
Hereford	/	0	0	0	2	1
Rothamsted (Harpenden)	0	0	0	0	0	0
Writtle	/	0	0	0	0	1
Silwood Park (nr Ascot)	2 #	0	1	2	0	2
East Malling	2			8		
Starcross (nr Exeter)	*14	0	0	18	0	3

Grain aphid ( <i>Sitobion avenae</i> )	Bulletin Week Totals			Accumulated until		
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	0
Kirton	2 #	0	0	2	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	0	0	0
Wellesbourne	/	0	0	0	0	0
Hereford	/	0	0	0	0	0
Rothamsted (Harpenden)	0	0	0	0	0	0
Writtle	/	0	0	0	0	0
Silwood Park (nr Ascot)	1	0	0	2	0	0
East Malling	1 #			1		
Starcross (nr Exeter)	*0	0	0	1	0	1

Peach-potato aphid ( <i>Myzus persicae</i> )	Bulletin Week Totals			Accumulated until		
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	0
Kirton	0	0	0	0	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	0	0	0
Wellesbourne	/	0	0	0	0	1
Hereford	/	0	0	0	0	0
Rothamsted (Harpenden)	2 #	0	0	2	0	0
Writtle	/	0	0	0	0	0
Silwood Park (nr Ascot)	0	0	0	0	0	1
East Malling	0			0		
Starcross (nr Exeter)	*2 #	0	0	2	0	1

Potato aphid ( <i>Macrosiphum euphorbiae</i> )	Bulletin Week Totals			Accumulated until		
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	0
Kirton	0	0	0	0	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	0	0	0
Wellesbourne	/	0	0	0	0	0
Hereford	/	0	0	0	0	0
Rothamsted (Harpenden)	1 #	0	0	1	0	0
Writtle	/	0	0	0	0	0
Silwood Park (nr Ascot)	0	0	0	0	0	0
East Malling	1 #			1		
Starcross (nr Exeter)	*2	0	0	4	0	0

Willow-carrot aphid ( <i>Cavariella aegopodii</i> )	Bulletin Week Totals			Accumulated until		
	2020	2018	10-year average 2009-18	2020	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
York	/	0		0	0	
Preston	/	0	0	0	0	0
Kirton	2 #	0	0	2	0	0
Broom's Barn (Bury St Edmunds)	/	0	0	0	0	0
Wellesbourne	/	0	0	0	0	1
Hereford	/	0	0	0	0	0
Rothamsted (Harpenden)	0	0	0	0	0	0
Writtle	/	0	0	0	0	0
Silwood Park (nr Ascot)	0	0	0	0	0	0
East Malling	1 #			1		
Starcross (nr Exeter)	*2 #	0	0	2	0	0

### Further information

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

[insectsurvey.com/aphid-bulletin](http://insectsurvey.com/aphid-bulletin)

[ahdb.org.uk/aphid-news](http://ahdb.org.uk/aphid-news)

### In partnership with



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