

AHDB Aphid News

Suction trap period 25 March – 31 March 2019

General

In a reversal of last year’s cold weather event, unseasonably warm weather at the end of February has pushed winter temperatures up about 1°C above the 30-year average temperature throughout most of Britain, suggesting that first aphid flights may be about two weeks earlier than average.

The switch to daily collection, for most traps, commenced on 18 March. Before this, catches were weekly, apart from Scottish traps, which are daily, Writtle, which switched to daily on 22 March, and Starcross, which switched on March 26.

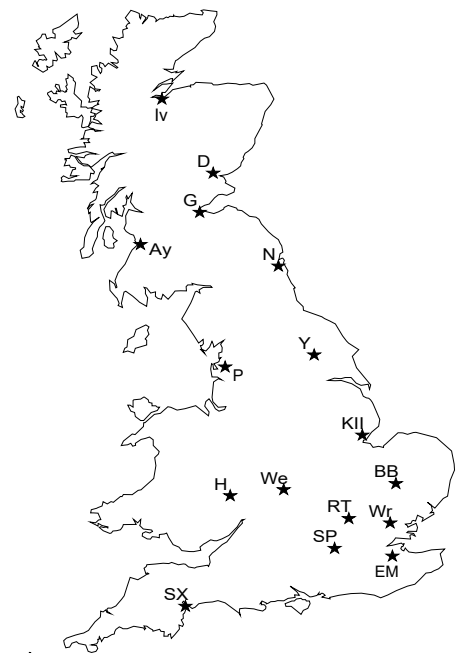
There have been a few field reports of BYDV symptoms (from East to West) in untreated crops. Overwintering success of aphids and the secondary spread of BYDV is thought to be more common than it was last season. The cut-off point for sprays against BYDV is thought to be GS31, after which no further economic benefit accrues. **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).



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 (<i>Metopolophium dirhodum</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	25/03-31/03 10-year average 2009-18	2019	2018	31/03 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	0
Silwood Park (nr Ascot)	0	0	0	1	0	0
East Malling	/			/		
Starcross (nr Exeter)	*0	0	0	1	0	0

Bird cherry-oat aphid (<i>Rhopalosiphum padi</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	25/03-31/03 10-year average 2009-18	2019	2018	31/03 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	1	0	0	2	0	0
Broom's Barn (Bury St Edmunds)	0	0	0	0	0	0
Wellesbourne	0	0	0	0	0	1
Hereford	0	0	0	1	0	1
Rothamsted (Harpenden)	0	0	0	1	0	0
Writtle	3	0	0	5	0	1
Silwood Park (nr Ascot)	0	0	0	0	0	0
East Malling	/			/		
Starcross (nr Exeter)	*0	0	0	7	0	2

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals			25/03-31/03		Accumulated until		31/03
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	/	0	0	0	0	0		0
Gogarbank (Edinburgh)	/	0	0	0	0	0		0
Newcastle	0	0	0	0	0	0		0
York	0	0		0	0			
Preston	0	0	0	0	0	0		0
Kirton II	0	0	0	0	0	0		0
Broom's Barn (Bury St Edmunds)	0	0	0	0	0	0		0
Wellesbourne	0	0	0	0	0	0		0
Hereford	0	0	0	0	0	0		0
Rothamsted (Harpenden)	0	0	0	0	0	0		0
Writtle	0	0	0	1	0	0		0
Silwood Park (nr Ascot)	0	0	0	0	0	0		0
East Malling	/			/				
Starcross (nr Exeter)	*0	0	0	0	0	0		0

Potato aphid (<i>Macrosiphum euphorbiae</i>)	Bulletin Week Totals			25/03-31/03		Accumulated until		31/03
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	/	0	0	0	0	0		0
Gogarbank (Edinburgh)	/	0	0	0	0	0		0
Newcastle	0	0	0	0	0	0		0
York	0	0		0	0			
Preston	0	0	0	0	0	0		0
Kirton II	0	0	0	0	0	0		0
Broom's Barn (Bury St Edmunds)	0	0	0	0	0	0		0
Wellesbourne	0	0	0	0	0	0		0
Hereford	0	0	0	0	0	0		0
Rothamsted (Harpenden)	0	0	0	0	0	0		0
Writtle	0	0	0	0	0	0		0
Silwood Park (nr Ascot)	0	0	0	0	0	0		0
East Malling	/			/				
Starcross (nr Exeter)	*0	0	0	1	0	0		0

Willow-carrot aphid (<i>Cavariella aegopodii</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2019-18
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	1	0	0
Silwood Park (nr Ascot)	0	0	0	0	0	0
East Malling	/			/		
Starcross (nr Exeter)	*1 #	0	0	1	0	0

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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