

AHDB Aphid News

Suction-trap period 06 May – 12 May 2019

General

- Air temperatures have remained below the long-term average across Britain. The total number of aphids has increased by just under 20%. Species diversity remains unchanged. We have continued to record many first flights of all aphid species, except peach–potato aphid and pea aphid.
- The number of cereal aphids recorded decreased by about 10%, compared with last week, but five first arrivals were recorded. Bird cherry–oat aphid was recorded in double figures at Broom’s Barn.
- Winter cereals have all but passed the danger period for BYDV, i.e. beyond GS31.
- Some spring crops may still be at risk.
- No field reports of cereal aphids have been received.
- Other species recorded in double figures include the peach–potato aphid, from Broom’s Barn and Wellesbourne, as well as the willow–carrot aphid, from Preston, Wellesbourne, Silwood Park and Starcross.

Monitoring at risk cereal and oilseed rape crops is advised.

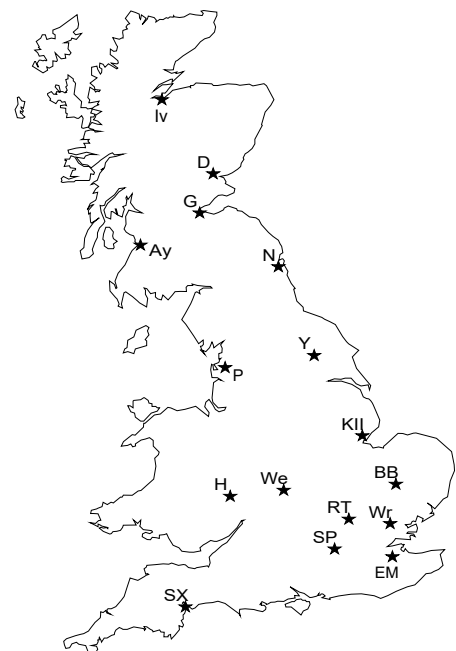
Suction-trap locations

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:

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 (<i>Metopolophium dirhodum</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	06/05-12/05 10-year average 2009-18	2019	2018	12/05 10-year average 2009-18
Dundee	0	0	1	1	0	1
Gogarbank (Edinburgh)	2	0	0	7	0	0
Newcastle	*0	0	0	0	0	0
York	0	0		0	0	
Preston	*2	1	1	8	1	2
Kirton	0	0	1	4	0	1
Broom's Barn (Bury St Edmunds)	3 #	0	1	3	0	1
Wellesbourne	0	0	0	0	0	2
Hereford	0	0	0	0	0	0
Rothamsted (Harpenden)	*0	0	0	0	0	1
Writtle	0	0	0	1	1	2
Silwood Park (nr Ascot)	3	0	0	10	0	3
East Malling	/			0		
Starcross (nr Exeter)	0	2	1	4	4	3

Bird cherry-oat aphid (<i>Rhopalosiphum padi</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	06/05-12/05 10-year average 2009-18	2019	2018	12/05 10-year average 2009-18
Dundee	0	0	0	5	0	0
Gogarbank (Edinburgh)	1 #	0	0	1	1	1
Newcastle	*0	0	0	0	0	1
York	1	0		6	0	
Preston	*5	0	2	18	0	3
Kirton	2	1	2	13	1	5
Broom's Barn (Bury St Edmunds)	12	1	2	24	1	4
Wellesbourne	6	0	2	15	0	5
Hereford	3	0	2	10	2	4
Rothamsted (Harpenden)	*6	0	1	25	0	3
Writtle	5	3	3	33	5	6
Silwood Park (nr Ascot)	3	3	4	37	3	11
East Malling	/			0		
Starcross (nr Exeter)	8	0	10	34	1	15

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals			06/05-12/05		Accumulated until		12/05
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	0	0	0	0	0	0		0
Gogarbank (Edinburgh)	2 #	0	0	2	0	0		0
Newcastle	*0	0	0	0	0	0		0
York	0	0		2	0			
Preston	*2	0	0	6	0	0		0
Kirton	1 #	0	0	1	0	0		0
Broom's Barn (Bury St Edmunds)	1	0	1	2	0	1		1
Wellesbourne	1 #	0	1	1	0	2		2
Hereford	1	0	1	2	0	1		1
Rothamsted (Harpenden)	*1	0	0	2	0	1		1
Writtle	0	1	1	2	1	1		1
Silwood Park (nr Ascot)	0	0	0	4	0	2		2
East Malling	/			0				
Starcross (nr Exeter)	1	0	2	6	0	4		4

peach-potato aphid (<i>Myzus persicae</i>)	Bulletin Week Totals			06/05-12/05		Accumulated until		12/05
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	0	0	0	2	0	0		0
Gogarbank (Edinburgh)	0	0	0	0	0	0		0
Newcastle	*0	0	0	0	0	0		0
York	1	0		8	0			
Preston	*0	0	0	0	0	0		0
Kirton	1	0	0	4	0	1		1
Broom's Barn (Bury St Edmunds)	32	0	4	64	0	5		5
Wellesbourne	13	0	5	16	0	9		9
Hereford	2	0	0	4	0	1		1
Rothamsted (Harpenden)	*6	1	1	18	1	2		2
Writtle	9	0	2	39	0	3		3
Silwood Park (nr Ascot)	9	0	1	13	0	3		3
East Malling	/			0				
Starcross (nr Exeter)	1	0	2	4	0	4		4

Potato aphid (<i>Macrosiphum euphorbiae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	0	0	0	1	0	0
Gogarbank (Edinburgh)	0	0	0	3	0	0
Newcastle	*0	0	0	0	0	0
York	0	0		0	0	
Preston	*0	0	0	6	0	0
Kirton	1 #	0	0	1	0	1
Broom's Barn (Bury St Edmunds)	5	0	0	7	0	1
Wellesbourne	5	0	0	7	0	1
Hereford	3	0	0	4	0	0
Rothamsted (Harpenden)	*0	0	0	1	0	1
Writtle	2	1	1	11	1	2
Silwood Park (nr Ascot)	2	0	1	12	0	2
East Malling	/			0		
Starcross (nr Exeter)	0	2	1	7	2	1

Cabbage aphid (<i>Brevicoryne brassicae</i>)	Bulletin Week Totals			Accumulated until		
	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
York	0	0		0	0	
Preston	*0	0	0	0	0	0
Kirton	1	0	0	2	0	0
Broom's Barn (Bury St Edmunds)	0	0	0	3	0	0
Wellesbourne	1 #	0	4	1	0	5
Hereford	0	0	0	0	0	0
Rothamsted (Harpenden)	*0	0	0	0	0	0
Writtle	0	0	0	6	0	0
Silwood Park (nr Ascot)	0	0	1	1	0	1
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	1	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 2009-18
Dundee	1	0	0	2	0	0
Gogarbank (Edinburgh)	2	0	0	7	0	0
Newcastle	*0	0	0	0	0	0
York	9	1		10	1	
Preston	*37	0	5	60	0	5
Kirton	1	1	5	6	1	6
Broom's Barn (Bury St Edmunds)	3	0	7	6	0	9
Wellesbourne	10	0	2	13	0	5
Hereford	7	0	0	8	0	1
Rothamsted (Harpenden)	*4 #	0	3	4	0	3
Writtle	6	2	3	10	2	4
Silwood Park (nr Ascot)	21	1	7	31	1	10
East Malling	/			0		
Starcross (nr Exeter)	14	0	3	40	1	5

Pea aphid (<i>Acyrtosiphon pisum</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	0	0	0	1	0	0
Gogarbank (Edinburgh)	0	0	0	0	0	0
Newcastle	*0	0	0	1	0	0
York	0	0		1	0	
Preston	*0	0	0	2	0	0
Kirton	1	0	0	5	0	0
Broom's Barn (Bury St Edmunds)	3	0	0	5	0	1
Wellesbourne	4	0	0	5	0	1
Hereford	0	0	1	0	0	1
Rothamsted (Harpenden)	*1	0	0	6	0	0
Writtle	3	0	1	12	0	1
Silwood Park (nr Ascot)	2	0	1	11	0	2
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	2	0	1

Black bean aphid (<i>Aphis fabae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	06/05-12/05 10-year average 2009-18	2019	2018	12/05 10-year average 2009-18
Dundee	0	0	0	2	0	0
Gogarbank (Edinburgh)	0	0	0	2	0	0
Newcastle	*0	0	0	0	0	0
York	0	0		0	0	
Preston	*0	0	0	0	0	0
Kirton	0	0	0	0	0	0
Broom's Barn (Bury St Edmunds)	3	0	0	4	0	0
Wellesbourne	2 #	0	0	2	0	0
Hereford	1	0	0	2	0	0
Rothamsted (Harpenden)	*1	0	0	2	0	0
Writtle	0	0	0	12	0	0
Silwood Park (nr Ascot)	9	0	0	23	0	0
East Malling	/			0		
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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