

24th May
2013

Aphid News

2013 No. 4



Faltering start to this year's aphid flights

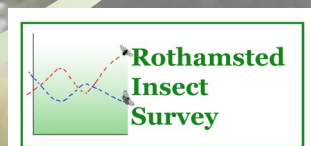
Bulletin 4: 13-19/5 was dominated numerically by sycamore aphids but a slow and hesitant start to some crop aphid flights has now begun.

The tables below show species of importance to field vegetables and sugar beet 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. A / indicates that identifications have not been completed.

Cabbage aphid – *Brevicoryne brassicae*

Cabbage Aphid	FIRST ARRIVALS			
	2013	forecast	2012	03-12
Dundee	0	30/7	/	6/7
Gogarbank (Edinburgh)	0	28/7	28/6	24/6
Newcastle	0	8/8	/	26/6
Preston	0	25/7	29/5	30/5
Kirton	0	14/7	30/5	1/6
Broom's Barn (nr Bury St Edmunds)	0	22/6	23/5	28/5
Wellesbourne	0	/	24/5	12/5
Hereford	0	26/6	21/5	26/5
Rothamsted (Harpenden)	0	26/6	23/5	27/5
Writtle	0	12/6	22/5	22/5
Silwood Park (nr Ascot)	0	21/6	9/5	20/5
Wye	0	15/6	22/5	30/5
Starcross (nr Exeter)	0	18/5	19/5	1/5

No cabbage aphids have been caught so far this year.



Willow-carrot aphid – *Cavariella aegopodii*

Willow-carrot aphid	FIRST ARRIVALS		
	2013	2012	03-12
Dundee	0	25/5	20/5
Gogarbank (Edinburgh)	0	22/5	7/5
Newcastle	0	25/5	18/5
Preston	0	16/5	8/5
Kirton	0	9/5	2/5
Broom's Barn (nr Bury St Edmunds)	18/5	12/5	30/4
Wellesbourne	0	13/5	1/5
Hereford	2-6/1	19/5	11/5
Rothamsted (Harpenden)	0	8/5	30/4
Writtle	19/5	4/5	25/4
Silwood Park (nr Ascot)	20/4	9/5	29/4
Wye	0	9/5	29/4
Starcross (nr Exeter)	0	30/4	28/4

The first willow-carrot aphids have been caught at Broom's Barn and Writtle, two to three weeks later than the ten year means.

Currant-lettuce aphid – *Nasonovia ribisnigri*

Currant-lettuce aphid	FIRST ARRIVALS		
	2013	2012	03-12
Dundee	0	27/6	8/6
Gogarbank (Edinburgh)	0	27/5	10/7
Newcastle	0	/	9/6
Preston	0	11/7	1/6
Kirton	0	30/5	20/6
Broom's Barn (nr Bury St Edmunds)	0	26/9	1/7
Wellesbourne	0	/	8/5
Hereford	0	17/7	31/5
Rothamsted (Harpenden)	0	26/5	6/6
Writtle	0	23/5	29/5
Silwood Park (nr Ascot)	0	/	31/5
Wye	0	/	6/6
Starcross (nr Exeter)	0	/	10/6

No currant-lettuce aphids have been caught so far this year.

Potato aphid – *Macrosiphum euphorbiae*

Potato aphid	FIRST ARRIVALS			
	2013	forecast	2012	03-12
Dundee	0	2/6	23/5	25/5
Gogarbank (Edinburgh)	0	25/5	22/5	13/5
Newcastle	0	9/6	21/5	29/5
Preston	0	29/5	24/5	15/5
Kirton	0	23/5	19/6	13/5
Broom's Barn (nr Bury St Edmunds)	0	5/6	10/6	15/5
Wellesbourne	0	/	13/5	7/5
Hereford	0	30/5	17/5	9/5
Rothamsted (Harpenden)	16/5	25/5	29/5	12/5
Writtle	0	13/5	26/3	29/4
Silwood Park (nr Ascot)	0	21/5	23/5	2/5
Wye	0	12/5	23/5	10/5
Starcross (nr Exeter)	0	2/5	12/5	29/4

The first potato aphid has been caught at Rothamsted, nine days earlier than forecast but four days later than the ten year mean.

Peach-potato aphid – *Myzus persicae*

Peach-potato aphid	FIRST ARRIVALS			
	2013	forecast	2012	03-12
Dundee	0	16/6	27/6	2/6
Gogarbank (Edinburgh)	0	17/6	25/6	15/6
Newcastle	0	25/6	25/5	7/6
Preston	0	24/5	28/5	25/5
Kirton	0	31/5	8/5	14/5
Broom's Barn (nr Bury St Edmunds)	0	5/6	18/5	9/5
Wellesbourne	0	/	9/5	15/4
Hereford	0	19/6	6/5	18/5
Rothamsted (Harpenden)	0	2/6	8/5	15/5
Writtle	0	15/5	12/3	27/4
Silwood Park (nr Ascot)	0	24/5	30/4	4/5
Wye	0	10/5	9/1	22/4
Starcross (nr Exeter)	0	14/5	2/1	15/4

No peach-potato aphids have been caught so far this year.

Summary:

- A single potato aphid has been caught and five willow-carrot aphids.
- No cabbage aphids, peach-potato aphids or currant-lettuce aphids have been caught so far this year.
- Yellow water trays placed by Broom's Barn at twenty five sites in sugar beet areas caught no peach-potato aphids or potato aphids during the period 13-21/5.

This news sheet is accompanied by aphid data bulletin no.4: 13/5 - 19/5/2013 , which you can view at <http://www.rothamsted.ac.uk/insect-survey/> .

Please feed back any information on aphid in crops.

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