

31st May
2013

Aphid News

2013 No. 5



Aphid flights delayed.....

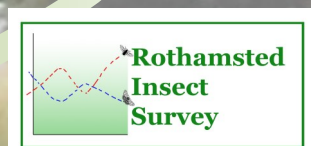
Spring 2013 (1st March–end of May) is the coldest since 1962 according to provisional Met. Office figures. This is reflected in one of the slowest starts to the aphid flight season on record. Aphid numbers in Bulletin 5: 20-26/5 increased only marginally on the previous week's and are still dominated by sycamore aphids.

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	26/5	16/5	8/5
Kirton	0	9/5	2/5
Broom’s Barn (nr Bury St Edmunds)	18/5	12/5	30/4
Wellesbourne	22/5	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	25/5	9/5	29/4
Starcross (nr Exeter)	21/5	30/4	28/4

The first willow–carrot aphids have been caught at four more sites this bulletin week (Preston, Wellesbourne, Wye and Starcross), two to three weeks later than the ten year means. Numbers of willow–carrot aphids were highest at Broom’s Barn (7), Wellesbourne (6) and Starcross (6).

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)	25/5	2/5	12/5	29/4

The first potato aphid has been caught at Starcross, about three weeks later than both the forecast and 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:

- **Willow–carrot aphids have been caught at five sites this week, but numbers are low for the time of year.**
- **A single potato aphid has been caught at Starcross this week.**
- **Yellow water trays placed at twenty seven sites in sugar beet areas caught two potato aphids but no peach–potato aphids during the period 22-29/5.**
- **No cabbage aphids, peach–potato aphids or currant–lettuce aphids have been caught so far this year.**

This news sheet is accompanied by aphid data bulletin no.5: 20/5 - 26/5/2013 , which you can view at <http://www.rothamsted.ac.uk/insect-survey/> .

Please feed back any information on aphid in crops.

mark-s.taylor@rothamsted.ac.uk & richard.harrington@rothamsted.ac.uk
& Rosemary.collier@warwick.ac.uk

