

7th June
2013

Aphid News

2013 No. 6



Increased aphid flight activity in SW England

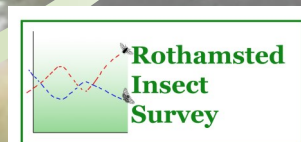
The number and variety of aphids increased substantially in the suction trap at Starcross near Exeter during Bulletin 6: 27/5—2/6. Elsewhere aphid numbers were still very low for the time of year.

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	31/5	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)	28/5	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 two more sites this bulletin week (Kirton and Rothamsted), about a month later than the ten year means. The willow-carrot aphid was caught at ten sites and numbers were highest at Starcross (126) and Wellesbourne (40).

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	30/5	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)	2/6	/	10/6

The first currant-lettuce aphids have been caught at Hereford close to the ten year mean, and at Starcross eight days earlier than the ten year mean.

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	31/5	/	13/5	7/5
Hereford	0	30/5	17/5	9/5
Rothamsted (Harpenden)	16/5	25/5	29/5	12/5
Writtle	27/5	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 aphids have been caught at Wellesbourne and Writtle, about two weeks later than the forecast at Writtle. Two more potato aphids were also caught at Starcross.

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)	2/6	14/5	2/1	15/4

The first peach-potato aphid has been caught at Starcross, almost three weeks later than forecast.

Summary:

- Willow–carrot aphids have been caught at ten sites this week and numbers are now building.
- The first peach–potato aphid was caught at Starcross this week, but still none anywhere else.
- The potato aphid has been caught at three sites this week in low numbers (Wellesbourne, Writtle and Starcross).
- Yellow water trays placed at twenty eight sites in sugar beet areas caught no potato aphids or peach–potato aphids during the period 30/5– 4/6.
- No cabbage aphids have been caught so far this year, but single currant–lettuce aphids were caught at Hereford and Starcross.
- Four pea aphids were caught at Starcross and single black bean aphids were caught at four sites spread across the UK.

This news sheet is accompanied by aphid data bulletin no.6: 27/5 - 2/6/2013 , 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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