

14th June
2013

Aphid News

2013 No. 7



The late late show continues.....

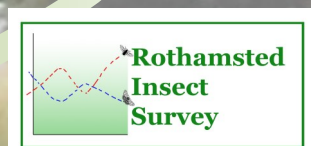
A sprinkling of aphids were trapped across the Country during Bulletin 7: 3-9/6, with numbers highest in the south west. Overall numbers are very low for the time of year and the immediate weather prospects do not suggest a great deal of change.

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)	3/6	18/5	19/5	1/5

The first cabbage aphid has been caught at Starcross, about two weeks later than forecast and a month later than the ten year mean.



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	26/5	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 willow-carrot aphid was caught at eleven sites and numbers were highest at Writtle (70), Starcross (65), Preston (58) and Silwood (58).

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	3/6	/	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 aphid has been caught at Wellesbourne about a month later 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)	5/6	25/5	22/5	13/5
Newcastle	0	9/6	21/5	29/5
Preston	5/6	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)	5/6	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 Edinburgh, Preston and Silwood, between one and two weeks later than the forecast. Potato aphids were caught at eight sites this week, with highest numbers in the west (Preston 5 and Starcross 7).

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

Two more peach-potato aphids has been caught at Starcross, but none elsewhere.

Summary:

- Willow–carrot aphids have been caught at eleven sites this week with numbers increasing across central and southern England.
- Two more peach–potato aphids were caught at Starcross this week, but still none anywhere else in the suction traps.
- The potato aphid has been caught more widely, at eight sites this week, but in low numbers.
- Yellow water trays placed at twenty eight sites in sugar beet areas caught one potato aphid and no peach–potato aphids during the period 5/6– 11/6.
- The first cabbage aphid has been caught at Starcross, and two currant–lettuce aphids, one each at Wellesbourne and Starcross.
- One pea aphid was caught at Starcross and black bean aphids were caught at two sites (Edinburgh and Starcross).
- Field reports suggest a light scattering of newly arrived aphids in crops across southern and eastern England, (peach–potato aphids, willow–carrot aphids, black bean aphids and pea aphids) but not many as yet.

This news sheet is accompanied by aphid data bulletin no.7: 3/6 - 9/6/2013 , 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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