



Suction-trap network sites

The numbers of early aphids in our suction-trap samples have not significantly increased during Bulletin Week 3: 14/4-20/4, but the spread across the Country is widening.

- Four grain aphids (*Sitobion avenae*), two bird cherry–oat aphids (*Rhopalosiphum padi*) and one rose–grain aphid (*Metopolophium dirhodum*) were caught this week.
- Four peach–potato aphids were caught this week (Preston, Broom’s Barn, Writtle and Wye). The first arrival at Preston was six weeks earlier and at Writtle two weeks earlier than the 10-year mean.
- Two potato aphids (*Macrosiphum euphorbiae*) were caught, including a first arrival at Hereford, three weeks earlier than the 10-year mean.
- This year’s first pea aphid (*Acyrtosiphon pisum*) was caught at Wye, a month earlier than the 10-year mean.
- No cabbage aphids (*Brevicoryne brassicae*), or willow–carrot aphids (*Cavariella aegopodii*) were caught this week.

The tables below show species of importance 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.

### Rose–grain aphid (*Metopolophium dirhodum*)

Rose–grain aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	24/5	Na	24/5
G= Edinburgh	0	15/5	29/5	21/5
N= Newcastle	0	22/5	21/6	24/5
P = Preston	3-9/3	11/5	17/5	27/4
K = Kirton	0	25/4	3/6	14/5
BB = nr Bury St Edmunds	0	23/4	9/6	6/5
We = Wellesbourne	0	Na	10/6	29/4
H = Hereford	0	7/5	30/5	14/5
RT = Harpenden	0	24/4	16/5	8/5
WR = Writtle	17-21/4	1/4	9/6	29/4
SP = nr Ascot	0	12/4	5/6	23/4
W = Wye	0	7/4	10/6	3/5
SX = nr Exeter	17-23/2	17/3	16/5	27/3

One rose–grain aphid was caught this week, a first arrival at Writtle, just over a week earlier than the 10-year mean.

### Bird cherry–oat aphid (*Rhopalosiphum padi*)

Bird cherry–oat aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	18/5	15/6	19/5
G= Edinburgh	0	10/5	19/5	10/5
N= Newcastle	0	14/5	8/6	12/5
P = Preston	10/4	8/5	29/5	5/5
K = Kirton	16/4	25/3	22/5	13/4
BB = nr Bury St Edmunds	13/4	11/4	16/5	23/4
We = Wellesbourne	0	Na	15/4	11/4
H = Hereford	10/4	6/4	29/5	13/3
RT = Harpenden	0	19/4	6/5	28/4
WR = Writtle	13-19/1	4/4	27/5	19/4
SP = nr Ascot	0	11/4	16/5	24/4
W = Wye	8/4	27/3	26/5	8/4
SX = nr Exeter	10-16/3	7/3	25/5	4/3

Two bird cherry–oat aphids were caught this week, including a first arrival at Kirton, close to the 10-year mean.

### Grain aphid (*Sitobion avenae*)

Grain aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	26/5	4/6	30/5
G= Edinburgh	0	16/5	20/5	22/5
N= Newcastle	0	20/5	10/7	1/6
P = Preston	0	21/5	7/6	17/5
K = Kirton	0	23/4	10/6	17/5
BB = nr Bury St Edmunds	0	22/4	14/5	13/5
We = Wellesbourne	31/3	Na	9/6	16/4
H = Hereford	0	26/4	5/6	16/5
RT = Harpenden	16/4	23/4	19/6	19/5
WR = Writtle	9/4	10/4	16/6	30/4
SP = nr Ascot	0	27/4	31/5	4/5
W = Wye	14/4	15/4	13/6	20/5
SX = nr Exeter	18/4	3/4	29/5	12/4

Four grain aphids were caught this week, with first arrivals at three sites, two of which were over a month earlier than the 10-year mean.

### Peach–potato aphid (*Myzus persicae*)

Peach–potato aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	1/6	7/7	11/6
G= Edinburgh	0	27/5	20/7	20/6
N= Newcastle	0	31/5	22/7	14/6
P = Preston	16/4	20/5	18/6	27/5
K = Kirton	17-23/3	27/4	16/6	16/5
BB = nr Bury St Edmunds	9/4	18/4	16/6	13/5
We = Wellesbourne	0	Na	21/6	24/4
H = Hereford	0	1/5	1/7	24/5
RT = Harpenden	0	15/4	20/6	20/5
WR = Writtle	17-21/4	4/4	14/6	2/5
SP = nr Ascot	0	28/4	19/6	10/5
W = Wye	24-30/3	10/4	14/6	26/4
SX = nr Exeter	31/3	7/4	2/6	20/4

Four peach–potato aphids were caught this week (Preston, Broom’s Barn, Writtle and Wye). The first arrival at Preston was six weeks earlier and at Writtle two weeks earlier than the 10-year mean.

### Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	17/5	18/6	28/5
G= Edinburgh	0	8/5	5/6	19/5
N= Newcastle	0	22/5	12/6	31/5
P = Preston	0	22/5	5/6	17/5
K = Kirton	11/4	24/4	21/6	20/5
BB = nr Bury St Edmunds	1/4	27/4	16/6	17/5
We = Wellesbourne	0	Na	31/5	9/5
H = Hereford	18/4	27/4	19/6	13/5
RT = Harpenden	11/4	29/4	16/5	14/5
WR = Writtle	0	8/4	27/5	30/4
SP = nr Ascot	0	22/4	18/5	5/5
W = Wye	0	27/4	29/6	16/5
SX = nr Exeter	0	16/4	25/5	30/4

Two potato aphids were caught this week, including a first arrival at Hereford, over three weeks earlier than the 10-year mean.

**Willow-carrot aphid** (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2014	2013	04-13
D= Dundee	0	16/6	23/5
G= Edinburgh	0	16/6	9/5
N= Newcastle	0	12/6	20/5
P = Preston	0	26/5	10/5
K = Kirton	0	26/5	4/5
BB = nr Bury St Edmunds	0	18/5	1/5
We = Wellesbourne	0	22/5	3/5
H = Hereford	0	4/1	27/4
RT = Harpenden	0	28/5	2/5
WR = Writtle	0	19/5	28/4
SP = nr Ascot	0	20/4	29/4
W = Wye	0	25/5	2/5
SX = nr Exeter	5/4	21/5	29/4

No willow-carrot aphids were caught this week.

**Pea aphid** (*Acyrtosiphon pisum*)

Pea aphid	FIRST ARRIVALS		
	2014	2013	04-13
D= Dundee	0	Na	13/6
G= Edinburgh	0	17/6	1/6
N= Newcastle	0	24/6	14/6
P = Preston	0	29/6	30/5
K = Kirton	0	5/7	24/5
BB = nr Bury St Edmunds	0	26/6	18/5
We = Wellesbourne	0	18/6	7/5
H = Hereford	0	18/6	11/5
RT = Harpenden	0	14/6	18/5
WR = Writtle	0	14/6	6/5
SP = nr Ascot	0	20/6	6/5
W = Wye	14/4	19/6	12/5
SX = nr Exeter	0	29/5	9/5

This year's first pea aphid was caught at Wye, a month earlier than the 10-year mean.



## Further information

[www.hgca.com/pests](http://www.hgca.com/pests)

[Rothamsted Insect Survey](#)

[www.potato.org.uk/online-toolbox/aphid-monitoring](http://www.potato.org.uk/online-toolbox/aphid-monitoring)

[HDC pest bulletin](#)

## Please send information on crop aphids to

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