



Suction-trap network sites

One particularly good day out of seven during Bulletin Week 4: 21/4-27/4 was enough to ratchet up the aphids caught in the suction-trap samples.

- All the main cereal aphid species have been caught this week, but in low numbers. Field reports from eastern England confirm low numbers of all three cereal aphid species in spring cereals.
- Ten peach–potato aphids were caught this week (Broom’s Barn 5, Writtle 1, Wye 3 and Starcross 1).
- Seven potato aphids (*Macrosiphum euphorbiae*) were caught, including first arrivals at Elgin, Writtle and Wye, all earlier than the 10-year means.
- First arrivals of pea aphid (*Acyrtosiphon pisum*) at three new sites ties in with field reports of pea aphids at low levels in pea and bean crops.
- The first cabbage aphid (*Brevicoryne brassicae*) in our UK traps this year was caught at Wye and coincides with a field report of cabbage aphids in rape in Kent.
- The spring migration of the willow–carrot aphid (*Cavariella aegopodii*) got under way this week with five new first arrivals.
- **STOP-PRESS** – the first peach–potato aphid was caught at Rothamsted on Tuesday 29<sup>th</sup> April coinciding precisely with our 50<sup>th</sup> anniversary!
- Aphids in general are appearing much earlier than average and in line with the predictions made in early March.

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	24/4	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	24/4	24/4	16/5	8/5
WR = Writtle	17-21/4	1/4	9/6	29/4
SP = nr Ascot	24/4	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

Six rose–grain aphids were caught this week, with first arrivals at Broom’s Barn, Rothamsted and Silwood, two weeks earlier than the 10-year mean at Broom’s Barn and Rothamsted, and almost spot on at Silwood.

### 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	24/4	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

Eight bird cherry–oat aphids were caught this week, including a first arrival at Rothamsted, 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	23/4	21/5	7/6	17/5
K = Kirton	0	23/4	10/6	17/5
BB = nr Bury St Edmunds	24/4	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

Eleven grain aphids were caught this week, with first arrivals at Preston and Broom's Barn, about three weeks 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

Ten peach–potato aphids were caught this week (Broom’s Barn 5, Writtle 1, Wye 3 and Starcross 1).

### 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	24/4	8/4	27/5	30/4
SP = nr Ascot	0	22/4	18/5	5/5
W = Wye	27/4	27/4	29/6	16/5
SX = nr Exeter	0	16/4	25/5	30/4

Seven potato aphids were caught this week, including first arrivals a week earlier than the 10-year mean at Writtle and over two weeks earlier than the 10-year mean at Wye (not included in our tables was a very early first potato aphid at our trap in Elgin (E)).

### Cabbage aphid (*Brevicoryne brassicae*)

Cabbage aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	7/7	Na	7/7
G= Edinburgh	0	17/6	Na	14/6
N= Newcastle	0	24/6	7/8	30/6
P = Preston	0	2/7	Na	30/5
K = Kirton	0	4/5	24/7	7/6
BB = nr Bury St Edmunds	0	10/5	27/6	31/5
We = Wellesbourne	0	Na	1/7	19/5
H = Hereford	0	12/5	11/7	1/6
RT = Harpenden	0	4/5	6/7	31/5
WR = Writtle	0	21/4	19/6	25/5
SP = nr Ascot	0	18/5	Na	22/5
W = Wye	23/4	27/4	25/6	3/6
SX = nr Exeter	0	21/4	3/6	2/5

The first cabbage aphid (*Brevicoryne brassicae*) in our UK traps this year was caught at Wye, almost six weeks earlier than the 10-year mean but close to the forecast.

### 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	24/4	18/5	1/5
We = Wellesbourne	24/4	22/5	3/5
H = Hereford	0	4/1	27/4
RT = Harpenden	24/4	28/5	2/5
WR = Writtle	0	19/5	28/4
SP = nr Ascot	27/4	20/4	29/4
W = Wye	24/4	25/5	2/5
SX = nr Exeter	5/4	21/5	29/4

Six willow-carrot aphids were caught this week, including first arrivals at five sites a little earlier than the 10-year means.

## 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	21/4	18/6	7/5
H = Hereford	0	18/6	11/5
RT = Harpenden	24/4	14/6	18/5
WR = Writtle	23/4	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

Four pea aphids were caught this week, including first arrivals at Wellesbourne, Rothamsted and Writtle, two to three weeks earlier than the 10-year means.



### Further information

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

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

[Rothamsted Insect Survey](#)

[HDC pest bulletin](#)

### Please send information on crop aphids to

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