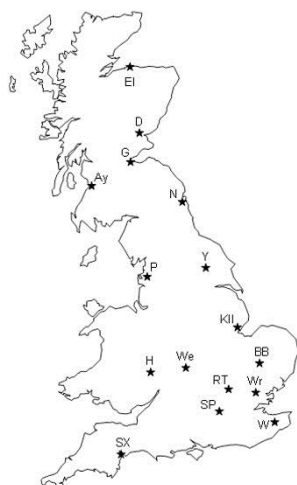


## SUCTION-TRAPPING RESULTS



The information below relates to suction-trap samples collected during **Bulletin Week 2: 28/3 – 03/4**.

- Despite unsettled weather early aphids continue to be caught in the suction-traps at a similar rate to the previous week.
- All three of the main cereal aphids have been caught this week in low numbers. The grain aphid made its first appearance of the year with first arrivals at both Wellesbourne and Writtle.
- Cereal aphids are still easy to find in winter cereals in southern England and BYDV is suspected in winter Barley crops in some western areas.
- The peach-potato aphid has been caught at two sites in south eastern England this week. These were first arrivals at Writtle and Silwood, both were over a month earlier than the 10-year average.
- A single willow-carrot aphid (*Cavariella aegopodii*) was caught at Kirton.
- The shallot aphid (*Myzus ascalonicus*) is the most numerous aphid species in our suction-trap samples to date and has been caught at Starcross, Devon all the way up to York, a similar spread to last 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			
	2016	forecast	2015	2006-15
D= Dundee	0	4/6	1/6	23/5
G= Edinburgh	0	24/5	9/6	21/5
N= Newcastle	0	27/5	11/6	26/5
Y = York	0	N/A	16/4	N/A
P = Preston	0	30/4	27/5	27/4
K = Kirton	0	30/4	4/5	10/5
BB = Bury St Edmunds	30/3	6/5	22/5	2/5
We = Wellesbourne	0	25/4	13/5	3/5
H = Hereford	0	11/5	30/5	19/5
RT = Harpenden	0	3/5	20/5	6/5
WR = Writtle	25/3	15/4	17/5	30/4
SP = nr Ascot	0	26/4	20/4	24/4
W = Wye	0	19/4	7/5	1/5
SX = nr Exeter	22-28/2	20/3	15/4	10/4

Three rose-grain aphids were caught this bulletin week, two at Writtle and a first arrival at Broom's Barn over a month earlier than the 10-year average.

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

Bird cherry–oat aphid	FIRST ARRIVALS			
	2016	forecast	2015	2006-15
D= Dundee	0	21/5	23/5	20/5
G= Edinburgh	0	17/5	14/6	15/5
N= Newcastle	0	17/5	27/5	14/5
Y = York	0	N/A	22/4	N/A
P = Preston	0	27/4	3/6	6/5
K = Kirton	0	2/4	27/4	18/4
BB = Bury St Edmunds	25/3	23/4	22/5	27/4
We = Wellesbourne	12/3	6/4	21/5	18/4
H = Hereford	0	12/4	16/4	20/3
RT = Harpenden	0	28/4	4/5	29/4
WR = Writtle	1/4	14/4	4/5	10/4
SP = nr Ascot	0	23/4	10/5	27/4
W = Wye	0	3/4	5/3	4/4
SX = nr Exeter	1-7/2	10/3	22/1	12/3

Two bird cherry–oat aphids were caught this bulletin week, one at Wellesbourne, and a first arrival at Writtle nine days earlier than the 10-year mean.

**Grain aphid (*Sitobion avenae*)**

Grain aphid	FIRST ARRIVALS			
	2016	forecast	2015	2006-15
D= Dundee	0	6/6	2/6	4/6
G= Edinburgh	0	28/5	11/6	26/5
N= Newcastle	0	25/5	4/6	2/6
Y = York	0	N/A	11/5	N/A
P = Preston	0	12/5	4/6	19/5
K = Kirton	0	30/4	3/6	20/5
BB = Bury St Edmunds	0	5/5	30/5	14/5
We = Wellesbourne	30/3	13/4	20/6	26/4
H = Hereford	0	2/5	12/5	18/5
RT = Harpenden	0	3/5	7/6	21/5
WR = Writtle	3/4	23/4	15/4	25/4
SP = nr Ascot	0	6/5	23/5	8/5
W = Wye	0	24/4	21/6	25/5
SX = nr Exeter	0	8/4	1/5	13/4

Grain aphids have been caught for the first time this week at Wellesbourne and Writtle, both three to four weeks earlier than the 10-year mean.

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

Peach–potato aphid	FIRST ARRIVALS			
	2016	forecast	2015	2006-15
D= Dundee	0	14/6	8/7	16/6
G= Edinburgh	0	11/6	4/6	24/6
N= Newcastle	0	6/6	25/5	13/6
Y = York	0	N/A	4/6	N/A
P = Preston	0	14/5	10/6	30/5
K = Kirton	0	28/4	30/4	13/5
BB = Bury St Edmunds	0	4/5	7/5	13/5
We = Wellesbourne	<b>22-28/2</b>	8/4	18/5	1/5
H = Hereford	0	9/5	2/5	24/5
RT = Harpenden	0	1/5	7/5	22/5
WR = Writtle	<b>2/4</b>	20/4	9/5	1/5
SP = nr Ascot	<b>30/3</b>	7/5	13/5	9/5
W = Wye	0	19/4	9/5	23/4
SX = nr Exeter	0	11/4	10/5	15/4

The peach–potato aphid has been caught at two sites in south eastern England this week. These were first arrivals at Writtle and Silwood, both were over a month earlier than the 10-year average.

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

Willow–carrot aphid	FIRST ARRIVALS		
	2016	2015	2006-15
D= Dundee	0	23/5	21/5
G= Edinburgh	0	23/4	9/5
N= Newcastle	0	24/5	20/5
Y = York	0	4/5	N/A
P = Preston	0	8/5	8/5
K = Kirton	<b>17/3</b>	21/4	2/5
BB = Bury St Edmunds	<b>22/3</b>	4/5	30/4
We = Wellesbourne	<b>1-7/2</b>	19/4	30/4
H = Hereford	0	11/5	25/4
RT = Harpenden	0	23/4	29/4
WR = Writtle	0	7/5	29/4
SP = nr Ascot	0	1/5	30/4
W = Wye	0	7/5	1/5
SX = nr Exeter	0	30/4	26/4

A single willow–carrot aphid has been caught at Kirton this week, making it three for Kirton already this year.

## Further information

Please send information on crop aphids to: [mark-s.taylor@rothamsted.ac.uk](mailto:mark-s.taylor@rothamsted.ac.uk)

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