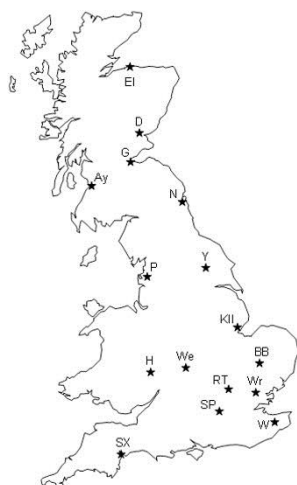


## SUCTION-TRAPPING RESULTS



The information below relates to suction-trap samples collected during **Bulletin Week 4: 11/4 – 17/4**.

- Heavy showers interspersed with sunny spells has meant aphid flight activity is intermittent at present. However, on warm days a surge in flights is expected.
- The bird cherry–oat aphid was caught at six suction-trap sites in low numbers. The grain aphid made its first appearance of the year at Rothamsted.
- Field reports suggest cereal aphids are easy to find in winter cereals and some have also been recorded on emerging spring barley crops.
- BYDV has been confirmed in many winter cereals across the country as crops respond to nitrogen.
- Many reports have been received of large numbers of mealy cabbage aphids (*Brevicoryne brassicae*) on individual plants in winter OSR in the South West and the west Midlands. Threshold for control is >13% plants infested before petal fall in winter OSR.
- No peach–potato aphids have been caught in the suction-trap this week, but a single potato aphid (*Macrosiphum euphorbiae*) was caught at Rothamsted, four weeks earlier than the 10-yr average.
- Single willow-carrot aphids were caught at three sites this week, including a first arrival at Wye.

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	8/4	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

Five rose–grain aphids were caught this bulletin week, two at Broom’s Barn and three at Wellesbourne.

**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	4/4	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	8/4	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	4/4	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	8/4	23/4	10/5	27/4
W = Wye	12/4	3/4	5/3	4/4
SX = nr Exeter	1-7/2	10/3	22/1	12/3

The bird cherry–oat aphid was caught in low numbers at six sites this bulletin week, including a first arrival at Wye, a week later than the 10-yr average.

**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	8/4	2/5	12/5	18/5
RT = Harpenden	13/4	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

A single grain aphid was caught this week, a first arrival at Rothamsted, over five 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

No peach–potato aphids were caught this bulletin week.

**Potato aphid (*Macrosiphum euphorbiae*)**

Potato aphid	FIRST ARRIVALS			
	2016	forecast	2015	2006-15
D= Dundee	0	1/6	22/6	3/6
G= Edinburgh	0	20/5	4/6	21/5
N= Newcastle	0	27/5	8/6	3/6
Y = York	0	N/A	9/6	N/A
P = Preston	0	15/5	13/5	16/5
K = Kirton	0	26/4	23/4	16/5
BB = Bury St Edmunds	0	9/5	21/4	14/5
We = Wellesbourne	0	4/5	24/5	13/5
H = Hereford	0	2/5	22/5	14/5
RT = Harpenden	<b>14/4</b>	6/5	13/5	11/5
WR = Writtle	0	21/4	24/4	29/4
SP = nr Ascot	0	1/5	23/4	3/5
W = Wye	0	3/5	2/6	18/5
SX = nr Exeter	0	20/4	20/4	30/4

This year's first potato aphid was caught this bulletin week at Rothamsted, four weeks earlier than the 10-yr 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	10/4	4/5	N/A
P = Preston	0	8/5	8/5
K = Kirton	17/3	21/4	2/5
BB = Bury St Edmunds	22/3	4/5	30/4
We = Wellesbourne	1-7/2	19/4	30/4
H = Hereford	0	11/5	25/4
RT = Harpenden	0	23/4	29/4
WR = Writtle	4/4	7/5	29/4
SP = nr Ascot	0	1/5	30/4
W = Wye	17/4	7/5	1/5
SX = nr Exeter	0	30/4	26/4

Single willow–carrot aphids were caught at three sites this week (Broom' Barn, Writtle and Wye), these included a first arrival at Wye, two weeks earlier than the 10-yr average.

#### 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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