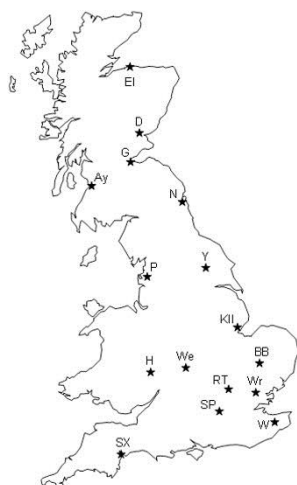


## SUCTION-TRAPPING RESULTS



The information below relates to suction-trap samples collected during **Bulletin Week 7: 2/5 – 8/5**.

- A week of much warmer weather resulted in a large jump in aphid flight activity across England.
- Numbers of the bird cherry–oat aphid increased dramatically with a big hotspot at Starcross (220). Spring Barley is now slowly emerging and establishing so this migration poses a potential BYDV threat, crop inspection is highly recommended.
- The grain aphid was also caught across England, but in lower numbers.
- The peach–potato aphid was caught at eight suction-trap sites this week, and has also been found in yellow water traps in south west England and East Anglia.
- The pea aphid was caught at eight sites this week with largest numbers at Hereford (12). Spring beans and peas now emerging.
- The willow–carrot aphid was caught at eleven sites this week, with a hotspot at Kirton (37).
- The first mealy cabbage aphids of the year were caught at Wye.
- The first black bean aphid of the year was caught at Starcross.

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

Rose–grain aphid ( <i>Metopolophium dirhodum</i> )	Bulletin Week Totals		02/05-08/05		Accumulated until		08/05
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	0	0	0	0
Newcastle	0		0	0	0	0	0
York	0		0	/	0	1	/
Preston	0		0	1	0	0	1
Kirton	1	↑	2	1	1	2	1
Broom’s Barn (nr Bury St Edmunds)	0		0	1	4	0	2
Wellesbourne	1	↑	0	1	6	0	1
Hereford	1		0	0	2	0	1
Rothamsted (Harpenden)	5	↑	0	0	5	0	1
Writtle	1		0	1	9	0	1
Silwood Park (nr Ascot)	1	↑	0	0	1	2	3
Wye	0		1	1	0	1	1
Starcross (nr Exeter)	4	↑	0	4	5	1	6

The rose–grain aphid was caught at seven sites this bulletin week, including a first arrivals at Kirton (5/5), Rothamsted (5/5) and Silwood (8/5).

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

Bird cherry–oat aphid ( <i>Rhopalosiphum padi</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	1
Gogarbank (Edinburgh)	1	↑	0	0	1	0	1
Newcastle	3	↑	0	0	4	0	1
York	1	↑	0	/	1	1	/
Preston	2	↑	0	2	2	0	4
Kirton	19	↑	1	3	21	2	7
Broom's Barn (nr Bury St Edmunds)	48	↑	0	3	53	0	8
Wellesbourne	7	↑	0	3	14	0	6
Hereford	9	↑	0	2	10	1	4
Rothamsted (Harpenden)	35	↑	2	2	36	2	6
Writtle	54	↑	1	5	61	1	9
Silwood Park (nr Ascot)	58	↑	0	4	62	0	14
Wye	56	↑	0	3	59	4	5
Starcross (nr Exeter)	220	↑	0	23	221	2	48

The bird cherry–oat aphid was caught at thirteen sites this bulletin week, with a hotspot at Starcross (220).

### Grain aphid (*Sitobion avenae*)

Grain aphid ( <i>Sitobion avenae</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	0	0	0	0
Newcastle	0		0	0	0	0	0
York	1	↑	0	/	1	0	/
Preston	0		0	1	0	0	1
Kirton	3	↑	0	0	3	0	0
Broom's Barn (nr Bury St Edmunds)	7	↑	0	0	8	0	1
Wellesbourne	8	↑	0	1	11	0	3
Hereford	1	↑	0	1	3	0	1
Rothamsted (Harpenden)	5	↑	0	0	6	0	1
Writtle	3	↑	1	1	4	2	2
Silwood Park (nr Ascot)	2	↑	0	1	3	0	3
Wye	13	↑	0	0	14	0	1
Starcross (nr Exeter)	11	↑	1	6	11	2	1

The grain aphid was caught at ten sites this week, including first arrivals at York (7/5), Kirton (7/5) and Starcross (6/5).

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

Peach–potato aphid ( <i>Myzus persicae</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	0	0	0	0
Newcastle	0		0	0	0	0	0
York	0		0	/	0	0	/
Preston	0		0	0	0	0	1
Kirton	6	↑	0	1	6	1	1
Broom’s Barn (nr Bury St Edmunds)	4	↑	2	3	4	2	10
Wellesbourne	0		0	8	1	0	13
Hereford	4	↑	1	2	4	1	2
Rothamsted (Harpenden)	6	↑	1	3	6	1	6
Writtle	8	↑	0	12	13	0	17
Silwood Park (nr Ascot)	1		0	1	3	0	3
Wye	4	↑	0	3	5	0	4
Starcross (nr Exeter)	8	↑	0	8	8	0	12

The peach–potato aphid was caught at eight sites this week, including first arrivals at Kirton (6/5), Broom’s Barn (7/5), Hereford (5/5), Rothamsted (4/5) and Starcross (5/5), most within about a week of this year’s forecast.

### Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid ( <i>Macrosiphum euphorbiae</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	0	0	0	1
Newcastle	0		0	0	0	0	1
York	0		0	/	0	0	/
Preston	0		0	0	0	0	0
Kirton	0		1	0	0	2	1
Broom’s Barn (nr Bury St Edmunds)	0		0	0	0	1	1
Wellesbourne	1	↑	0	0	1	0	1
Hereford	0		0	1	0	0	1
Rothamsted (Harpenden)	2	↑	0	0	3	0	1
Writtle	1	↑	0	0	2	1	1
Silwood Park (nr Ascot)	0		0	1	0	2	3
Wye	0		0	0	0	0	0
Starcross (nr Exeter)	0		0	2	0	1	5

The potato aphid was caught at three sites this bulletin week, including a first arrival at Wellesbourne (5/5).

### Mealy Cabbage aphid (*Brevicoryne brassicae*)

Cabbage aphid	FIRST ARRIVALS			
	2016	forecast	2015	2006-15
D = Dundee	0	14/7	N/A	N/A
G = Edinburgh	0	30/6	N/A	N/A
N = Newcastle	0	9/6	30/6	6/7
Y = York	0	N/A	15/6	N/A
P = Preston	0	6/5	4/6	4/6
K = Kirton	0	16/4	30/5	10/6
BB = Bury St Edmunds	0	2/5	26/5	1/6
We = Wellesbourne	0	24/4	22/5	22/5
H = Hereford	0	19/4	22/5	3/6
RT = Harpenden	0	22/4	30/5	31/5
WR = Writtle	0	N/A	13/5	29/5
SP = nr Ascot	0	7/5	22-25/5	24/5
W = Wye	5/5	18/4	3/6	1/6
SX = nr Exeter	0	15/4	21/5	6/5

The mealy cabbage aphid was caught for the first time this year at Wye, about a month earlier than the 10-yr mean.

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

Willow-carrot aphid ( <i>Cavariella aegopodii</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	1	0	1	1
Newcastle	0		0	0	0	0	1
York	2	↑	1	/	3	1	/
Preston	1	↑	1	19	1	1	20
Kirton	37	↑	11	15	41	14	16
Broom's Barn (nr Bury St Edmunds)	6	↑	15	20	9	15	24
Wellesbourne	6	↑	2	4	6	8	7
Hereford	4	↑	0	1	5	0	2
Rothamsted (Harpenden)	14	↑	7	6	14	8	7
Writtle	12	↑	7	13	14	7	20
Silwood Park (nr Ascot)	4	↑	12	9	4	13	16
Wye	12	↑	4	9	13	4	9
Starcross (nr Exeter)	9	↑	0	5	12	1	9

The willow-carrot aphid was caught at eleven sites this week, with a hotspot at Kirton (37), and first arrivals at Preston (6/5), Rothamsted (4/5) and Silwood (6/5).

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

Pea aphid ( <i>Acyrtosiphon pisum</i> )	Bulletin Week Totals 02/05-08/05				Accumulated until 08/05		
	2016	Compared to last Bulletin week	2015	10-year average 2006-15	2016	2015	10-year average 2006-15
Dundee	0		/	0	0	/	0
Gogarbank (Edinburgh)	0		0	0	0	0	0
Newcastle	0		0	0	0	0	0
York	0		0	/	0	0	/
Preston	1	↑	0	0	1	0	0
Kirton	1	↑	0	0	1	0	1
Broom's Barn (nr Bury St Edmunds)	2	↑	0	0	2	0	1
Wellesbourne	8	↑	0	1	9	0	2
Hereford	12	↑	0	1	12	0	1
Rothamsted (Harpenden)	6	↑	0	0	6	0	1
Writtle	0		2	1	0	2	3
Silwood Park (nr Ascot)	1		0	1	3	0	3
Wye	3	↑	0	0	3	0	1
Starcross (nr Exeter)	0		0	4	0	0	6

The pea aphid was caught at eight sites this week, including first arrivals at Preston (6/5), Kirton (5/5), Broom's Barn (5/5), Hereford (4/5), Rothamsted (6/5) and Wye (5/5).

**Black bean aphid (*Aphis fabae*)**

Black bean aphid	FIRST ARRIVALS		
	2016	2015	2006-15
D = Dundee	0	26/6	2/6
G = Edinburgh	0	1/7	1/6
N = Newcastle	0	30/6	29/6
Y = York	0	20/6	N/A
P = Preston	0	4/6	7/6
K = Kirton	0	3/6	13/6
BB = Bury St Edmunds	0	11/5	21/5
We = Wellesbourne	0	21/5	2/6
H = Hereford	0	16/5	29/5
RT = Harpenden	0	13/5	3/6
WR = Writtle	0	8/5	20/5
SP = nr Ascot	0	8/5	20/5
W = Wye	0	13/5	3/6
SX = nr Exeter	3/5	21/5	21/5

The first black bean aphid was caught at Starcross this week, some two to three weeks earlier than the 10-yr mean.

## 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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