

Bird cherry–oat aphid (*Rhopalosiphum padi*)

Bird cherry–oat aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	19/5	9/5	20/5
G= Edinburgh	0	12/5	5/5	14/5
N= Newcastle	3/5	15/5	4/4	11/5
Y = York	7/4	NA	4/5	NA
P = Preston	2/4	21/4	4/5	5/5
K = Kirton	30/4	17/4	8/4	15/4
BB = Bury St Edmunds	22/4	25/4	25/3	23/4
We = Wellesbourne	19/4	9/4	12/3	12/4
H = Hereford	0	12/4	4/4	17/3
RT = Harpenden	19/4	1/5	27/4	28/4
WR = Writtle	23/4	21/4	1/4	7/4
SP = nr Ascot	30/3	26/4	8/4	24/4
W = Wye	27/3	17/4	12/4	13/4
SX = nr Exeter	12/3	24/3	1-7/2	2/3

Bird cherry–oat aphids were caught at seven sites this week, with highest numbers at Preston 33, Wye 10 and Starcross 13. There was a first arrival at Newcastle, twelve days earlier than forecast.

Grain aphid (*Sitobion avenae*)

Grain aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	29/5	9/5	1/6
G= Edinburgh	0	20/5	30/5	26/5
N= Newcastle	0	23/5	10/5	29/5
Y = York	0	NA	7/5	NA
P = Preston	17/4	7/5	28/5	20/5
K = Kirton	0	11/5	7/5	20/5
BB = Bury St Edmunds	19/4	8/5	30/4	13/5
We = Wellesbourne	0	16/4	30/3	22/4
H = Hereford	19/4	2/5	8/4	14/5
RT = Harpenden	2/5	7/5	13/4	18/5
WR = Writtle	0	29/4	3/4	22/4
SP = nr Ascot	0	9/5	20/4	6/5
W = Wye	29/4	5/5	1/5	18/5
SX = nr Exeter	30/3	19/4	6/5	13/4

Grain aphids were caught at three sites this week (Preston 6, Rothamsted 1 and Starcross 9). including a first arrival at Rothamsted five days earlier than forecast.

Peach–potato aphid (*Myzus persicae*)

Peach–potato aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	6/6	1/6	12/6
G= Edinburgh	0	1/6	20/6	21/6
N= Newcastle	0	4/6	4/6	10/6
Y = York	0	NA	15/5	NA
P = Preston	0	12/5	29/5	27/5
K = Kirton	19/4	10/5	6/5	9/5
BB = Bury St Edmunds	28/4	8/5	7/5	11/5
We = Wellesbourne	30/4	14/4	22-28/2	22/4
H = Hereford	2/4	10/5	5/5	23/5
RT = Harpenden	28/4	7/5	4/5	18/5
WR = Writtle	0	26/4	2/4	27/4
SP = nr Ascot	23/4	9/5	30/3	4/5
W = Wye	28/4	3/5	1/5	19/4
SX = nr Exeter	20-26/2	25/4	5/5	12/4

Peach–potato aphids were caught at six sites this bulletin week (Broom’s Barn 1, Wellesbourne 1, Hereford 1, Rothamsted 1, Wye 7 and Starcross 14).

Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	23/5	25/5	5/6
G= Edinburgh	0	12/5	30/5	23/5
N= Newcastle	0	25/5	27/5	3/6
Y = York	1/5	NA	15/5	NA
P = Preston	3/5	12/5	10/5	13/5
K = Kirton	20/4	6/5	16/5	17/5
BB = Bury St Edmunds	19/4	13/5	6/6	16/5
We = Wellesbourne	7/5	7/5	5/5	13/5
H = Hereford	1/5	4/5	23/5	15/5
RT = Harpenden	0	9/5	14/4	8/5
WR = Writtle	23/4	27/4	18/4	24/4
SP = nr Ascot	23/4	5/5	9/5	3/5
W = Wye	0	10/5	9/5	18/5
SX = nr Exeter	23/4	25/4	9/5	30/4

The potato aphid was caught at seven sites this bulletin week, including first arrivals at four sites, all **on** or close to the forecast.

Mealy cabbage aphid (*Brevicoryne brassicae*)

Mealy cabbage aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	7/7	13/7	13/7
G= Edinburgh	0	22/6	5/6	12/6
N= Newcastle	0	23/6	18/6	1/7
Y = York	0	NA	27/5	NA
P = Preston	0	16/5	6/6	2/6
K = Kirton	0	1/6	9/5	5/6
BB = Bury St Edmunds	2/5	25/5	14/5	28/5
We = Wellesbourne	0	24/5	14/5	19/5
H = Hereford	0	17/5	13/5	30/5
RT = Harpenden	0	29/5	20/5	29/5
WR = Writtle	0	20/5	11/5	26/5
SP = nr Ascot	0	2/6	24/5	18/5
W = Wye	0	29/5	5/5	25/5
SX = nr Exeter	21/4	7/5	12/5	4/5

A single mealy cabbage aphid was caught this bulletin week at Broom's Barn. This was a first arrival for this site and about three weeks earlier than forecast.

Willow-carrot aphid (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2017	2016	2007-16
D= Dundee	0	13/5	18/5
G= Edinburgh	7/5	17/5	9/5
N= Newcastle	0	21/5	19/5
Y = York	0	10/4	NA
P = Preston	29/4	6/5	7/5
K = Kirton	24/4	17/3	3/5
BB = Bury St Edmunds	7/4	22/3	25/4
We = Wellesbourne	2/5	1-7/2	21/4
H = Hereford	20/4	19/4	23/4
RT = Harpenden	19/4	4/5	29/4
WR = Writtle	22/4	4/4	26/4
SP = nr Ascot	9/4	6/5	1/5
W = Wye	28/4	17/4	29/4
SX = nr Exeter	1/4	19/4	25/4

Willow-carrot aphids were caught at Edinburgh and then all sites from Preston southwards this bulletin week. These captures included a first arrival at Edinburgh and Wellesbourne, as well as a hotspot at Starcross which caught 28.

Pea aphid (*Acyrtosiphon pisum*)

Pea aphid	FIRST ARRIVALS		
	2017	2016	2007-16
D= Dundee	0	21/6	17/6
G= Edinburgh	0	6/6	5/6
N= Newcastle	0	9/6	13/6
Y = York	0	18/5	NA
P = Preston	0	6/5	26/5
K = Kirton	0	5/5	21/5
BB = Bury St Edmunds	9/4	5/5	15/5
We = Wellesbourne	0	19/4	7/5
H = Hereford	0	4/5	10/5
RT = Harpenden	0	6/5	18/5
WR = Writtle	0	10/5	4/5
SP = nr Ascot	8/4	19/4	3/5
W = Wye	16/4	5/5	8/5
SX = nr Exeter	1/5	10/5	10/5

Two pea aphids were caught at Starcross this bulletin week. This included a first arrival for this site, nine days earlier than the 10-yr mean.

Black bean aphid (*Aphis fabae*)

Black bean aphid	FIRST ARRIVALS		
	2017	2016	2007-16
D= Dundee	0	31/5	1/6
G= Edinburgh	3/5	7/6	27/5
N= Newcastle	0	27/7	5/7
Y = York	0	14/8	NA
P = Preston	0	18/5	2/6
K = Kirton	0	15/5	13/6
BB = Bury St Edmunds	23/4	17/5	21/5
We = Wellesbourne	20/4	14/6	4/6
H = Hereford	1/5	29/7	6/6
RT = Harpenden	22/4	4/6	1/6
WR = Writtle	21/4	22/6	24/5
SP = nr Ascot	0	7/6	23/5
W = Wye	7/5	24/6	5/6
SX = nr Exeter	6/5	3/5	15/5

Black bean aphids were caught at five sites this bulletin week (Edinburgh 1, Hereford 1, Writtle 1, Wye 1 and Starcross 2). The aphids at Edinburgh, Hereford, Wye and Starcross included first arrivals and were significantly earlier than the 10-yr means.

Further information

Please send information on crop aphids to: mark-s.taylor@rothamsted.ac.uk

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