

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	0	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	0	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 (Preston 3, Broom’s Barn 2, Wellesbourne 1, Rothamsted 1, Writtle 1, Silwood 1 and Starcross 3). At four sites these included first arrivals (see table above), two of which were very close to the 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	0	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	0	5/5	1/5	18/5
SX = nr Exeter	30/3	19/4	6/5	13/4

Grain aphids were caught at four sites this week (Preston 1, Broom’s Barn 1, Hereford 1 and Starcross 2), including first arrivals at three sites some two to three weeks 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	0	8/5	7/5	11/5
We = Wellesbourne	0	14/4	22-28/2	22/4
H = Hereford	2/4	10/5	5/5	23/5
RT = Harpenden	0	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	0	3/5	1/5	19/4
SX = nr Exeter	20-26/2	25/4	5/5	12/4

Peach–potato aphids were caught at four sites this bulletin week (Kirton 1, Hereford 1, Silwood 1 and Starcross 2), including first arrivals at two sites some two to three weeks earlier than forecast.

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	0	NA	15/5	NA
P = Preston	0	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	0	7/5	5/5	13/5
H = Hereford	0	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 first potato aphid first arrivals for 2017 were recorded at five sites this bulletin week, all on the early side of the forecast. Four sites had single captures, but there was a minor hotspot at Broom’s Barn which caught six.

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	0	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 at Starcross this bulletin week, about two weeks earlier than forecast. This is the first one to be caught in our suction trap network this year.

Willow-carrot aphid (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2017	2016	2007-16
D= Dundee	0	13/5	18/5
G= Edinburgh	0	17/5	9/5
N= Newcastle	0	21/5	19/5
Y = York	0	10/4	NA
P = Preston	0	6/5	7/5
K = Kirton	0	17/3	3/5
BB = Bury St Edmunds	7/4	22/3	25/4
We = Wellesbourne	0	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	0	17/4	29/4
SX = nr Exeter	1/4	19/4	25/4

Willow-carrot aphids were caught at six sites this bulletin week (Broom's Barn 1, Hereford 1, Rothamsted 1, Writtle 1, Silwood 1 and Starcross 2). Three of these individuals were first arrivals (Hereford, Rothamsted and Writtle) and all three captures were close to the 10-yr means.

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	0	10/5	10/5

No pea aphids were caught this bulletin week.

Black bean aphid (*Aphis fabae*)

Black bean aphid	FIRST ARRIVALS		
	2017	2016	2007-16
D= Dundee	0	31/5	1/6
G= Edinburgh	0	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	0	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	0	24/6	5/6
SX = nr Exeter	0	3/5	15/5

Black bean aphids were recorded at four sites this bulletin week (Broom's Barn 1, Wellesbourne 1, Rothamsted 1 and Writtle 2). All were first arrivals and were four to six weeks 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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