

Rose-grain aphids were recorded at four sites this bulletin week (Dundee 1, Hereford 1, Wye 2 and Starcross 3), including first arrivals at three. Two were around 10 days later than the forecast and one about a month earlier.

Bird cherry–oat aphid (*Rhopalosiphum padi*)

Bird cherry–oat aphid	FIRST ARRIVALS			
	2018	forecast	2017	2008-17
D= Dundee	0	23/5	30/4	18/5
G= Edinburgh	22/1	19/5	18/4	14/5
N= Newcastle	0	29/5	3/5	10/5
Y = York	7/5	NA	7/4	NA
P = Preston	11/5	12/5	2/4	3/5
K = Kirton	5/5	4/5	30/4	27/4
BB = Bury St Edmunds	0	7/5	22/4	24/4
We = Wellesbourne	6/5	20/4	19/4	21/4
H = Hereford	29/3	22/4	11/5	29/3
RT = Harpenden	6/5	7/5	19/4	29/4
WR = Writtle	23/4	19/4	23/4	16/4
SP = nr Ascot	5/5	30/4	30/3	24/4
W = Wye	25/3	13/4	28/3	13/4
SX = nr Exeter	28/4	20/3	12/3	6/3

Bird cherry-oat aphids were recorded from ten sites this week, including first arrivals at two sites. The first arrival at Preston was within a day of the forecast.

Grain aphid (*Sitobion avenae*)

Grain aphid	FIRST ARRIVALS			
	2018	forecast	2017	2008-17
D= Dundee	0	12/6	16/5	30/5
G= Edinburgh	0	4/6	24/5	28/5
N= Newcastle	0	17/6	18/5	31/5
Y = York	0	NA	18/5	NA
P = Preston	0	24/5	17/4	20/5
K = Kirton	0	23/5	10/5	21/5
BB = Bury St Edmunds	9/5	20/5	19/4	14/5
We = Wellesbourne	0	26/4	12/5	26/4
H = Hereford	0	11/5	19/4	13/5
RT = Harpenden	8/5	14/5	2/5	19/5
WR = Writtle	4/5	29/4	9/6	30/4
SP = nr Ascot	0	13/5	11/5	10/5
W = Wye	0	5/5	29/4	19/5
SX = nr Exeter	12/5	18/4	30/3	12/4

Grain aphid was recorded from three sites this week (Broom's Barn 1, Rothamsted 2 and Starcross 1), Including first arrivals at three sites with those at Broom's Barn and Rothamsted arriving within 11 days of the forecast and Starcross nearly a month later.

Peach-potato aphid (*Myzus persicae*)

Peach-potato aphid	FIRST ARRIVALS			
	2018	forecast	2017	2008-17
D= Dundee	0	22/6	12/5	9/6
G= Edinburgh	0	20/6	17/5	23/6
N= Newcastle	0	5/7	23/5	12/6
Y = York	7/5	NA	10/5	NA
P = Preston	0	22/5	12/5	29/5
K = Kirton	0	23/5	19/4	9/5
BB = Bury St Edmunds	0	25/5	28/4	14/5
We = Wellesbourne	0	9/5	30/4	5/5
H = Hereford	0	23/5	2/4	21/5
RT = Harpenden	4/5	18/5	28/4	19/5
WR = Writtle	10/5	26/4	11/5	7/5
SP = nr Ascot	8/5	13/5	23/4	6/5
W = Wye	11/5	2/5	28/4	27/4
SX = nr Exeter	10/5	27/4	28/3	11/4

Peach-potato aphids were found at six sites this week (York 1, Rothamsted 1, Writtle 4, Silwood 1, Wye 2 and Starcross 1), first arrivals were found at five sites, predominantly in the south. First arrivals from three sites were later than forecast with only Silwood being five days earlier.

Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid	FIRST ARRIVALS			
	2018	forecast	2017	2008-17
D= Dundee	0	9/6	29/4	1/6
G= Edinburgh	0	28/5	9/5	28/5
N= Newcastle	12/5	22/6	15/5	6/6
Y = York	0	NA	1/5	NA
P = Preston	0	24/5	3/5	15/5
K = Kirton	11/5	17/5	20/4	18/5
BB = Bury St Edmunds	0	26/5	19/4	17/5
We = Wellesbourne	0	13/5	7/5	16/5
H = Hereford	0	13/5	1/5	15/5
RT = Harpenden	0	16/5	11/5	11/5
WR = Writtle	4/5	24/4	23/4	25/4
SP = nr Ascot	0	9/5	23/4	4/5
W = Wye	0	10/5	10/5	21/5
SX = nr Exeter	5/5	24/4	23/4	2/5

Single potato aphids were recorded from Newcastle, Kirton and Starcross this week, with first arrivals at Newcastle and Kirton. The Newcastle record was over a month earlier than forecast.

Willow–carrot aphid (*Cavariella aegopodii*)

Willow–carrot aphid	FIRST ARRIVALS		
	2018	2017	2008-17
D= Dundee	0	13/5	18/5
G= Edinburgh	13/5	7/5	15/5
N= Newcastle	0	16/5	22/5
Y = York	4/5	9/5	NA
P = Preston	6/5	29/4	8/5
K = Kirton	3/5	24/4	3/5
BB = Bury St Edmunds	7/5	7/4	24/4
We = Wellesbourne	11/5	2/5	24/4
H = Hereford	6/5	20/4	23/4
RT = Harpenden	7/5	19/4	1/5
WR = Writtle	3/5	22/4	28/4
SP = nr Ascot	5/5	9/4	29/4
W = Wye	7/5	28/4	4/5
SX = nr Exeter	22/4	1/4	25/4

Willow–carrot aphids were recorded from eleven sites this bulletin week. First arrivals were found at five sites all were within 17 days of their 10-yr mean.

Pea aphid (*Acyrtosiphon pisum*)

Pea aphid	FIRST ARRIVALS		
	2018	2017	2008-17
D= Dundee	0	14/5	13/6
G= Edinburgh	0	27/5	8/6
N= Newcastle	0	25/5	14/6
Y = York	0	17/5	NA
P = Preston	0	12/5	29/5
K = Kirton	8/5	10/5	23/5
BB = Bury St Edmunds	0	9/4	14/5
We = Wellesbourne	0	23/5	11/5
H = Hereford	8/5	13/5	12/5
RT = Harpenden	0	26/5	21/5
WR = Writtle	0	26/5	9/5
SP = nr Ascot	0	8/4	4/5
W = Wye	0	16/4	9/5
SX = nr Exeter	0	1/5	11/5

First arrivals of pea aphids were recorded on the same day from Kirton and Hereford this bulletin week within 15 days of the 10-yr mean.

Black bean aphid (*Aphis fabae*)

Black bean aphid	FIRST ARRIVALS		
	2018	2017	2008-17
D= Dundee	0	23/5	30/5
G= Edinburgh	0	3/5	24/5
N= Newcastle	0	21/6	4/7
Y = York	0	22/5	NA
P = Preston	0	13/5	1/6
K = Kirton	0	16/6	15/6
BB = Bury St Edmunds	10/5	23/4	21/5
We = Wellesbourne	0	20/4	29/5
H = Hereford	0	1/5	6/6
RT = Harpenden	0	22/4	29/5
WR = Writtle	0	21/4	24/5
SP = nr Ascot	0	10/5	21/5
W = Wye	13/5	7/5	7/6
SX = nr Exeter	0	6/5	17/5

First arrivals of black bean aphids were caught at Broom's Barn and Wye this bulletin week. Both arrived within 25 days of their 10-yr mean.

Further information

Please send information on crop aphids to: alex.greenslade@rothamsted.ac.uk

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