

13<sup>th</sup> April 2017

## Suction-trapping period 3<sup>rd</sup> April- 9<sup>th</sup> April 2017



- Despite the encouragement of some very good weather early aphids continue to be caught in the suction traps at a similar low rate to the previous week.
- Low numbers of all three of the main cereal aphids were caught in the suction-traps this bulletin week, including a rose-grain aphid first arrival at Starcross and a bird cherry-oat aphid first arrival at York.
- No new field reports of cereal aphids or BYDV symptoms in winter cereals this week.
- A single peach-potato aphid was caught this bulletin week at Starcross, making three in the last 7 weeks at this site.
- Single willow-carrot aphids were caught at Broom's Barn and Silwood, both were first arrivals and two to three weeks earlier than the 10-year means.
- Single pea aphids were caught at Broom's Barn and Silwood, both were first arrivals and three to five weeks earlier than the 10-year means.
- No potato aphids (*Macrosiphum euphorbiae*), mealy cabbage aphids (*Brevicoryne brassicae*) or black bean aphids (*Aphis fabae*) have been caught so far this year.
- The shallot aphid (*Myzus ascalonicus*) is the most numerous aphid species in our suction-trap samples to date.

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 [0 = none so far this year and x/x= a first arrival this bulletin week].

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

Rose-grain aphid	FIRST ARRIVALS			
	2017	forecast	2016	2007-16
D= Dundee	0	28/5	31/5	22/5
G= Edinburgh	0	17/5	23/5	20/5
N= Newcastle	0	25/5	21/5	24/5
Y = York	0	NA	18/5	NA
P = Preston	0	25/4	11/5	28/4
K = Kirton	0	11/5	5/5	11/5
BB = Bury St Edmunds	0	8/5	30/3	9/5
We = Wellesbourne	28/3	29/4	8/4	27/4
H = Hereford	0	11/5	30/4	18/5
RT = Harpenden	0	6/5	5/5	6/5
WR = Writtle	15/3	21/4	25/3	27/4
SP = nr Ascot	0	1/5	8/5	24/4
W = Wye	0	4/5	9/5	28/4
SX = nr Exeter	9/4	2/4	22-28/2	4/4

A single rose-grain aphid was caught this bulletin week, a first arrival at Starcross within a week of both the forecast and the 10-yr average.

**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	0	25/4	25/3	23/4
We = Wellesbourne	0	9/4	12/3	12/4
H = Hereford	0	12/4	4/4	17/3
RT = Harpenden	0	1/5	27/4	28/4
WR = Writtle	0	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

Single bird cherry–oat aphids were caught at Preston and a first arrival at York.

**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	0	7/5	28/5	20/5
K = Kirton	0	11/5	7/5	20/5
BB = Bury St Edmunds	0	8/5	30/4	13/5
We = Wellesbourne	0	16/4	30/3	22/4
H = Hereford	0	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

A single grain aphid was caught this week at Starcross, adding to the one caught last week.

**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	0	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	0	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

A single peach–potato aphid was caught this bulletin week at Starcross, making three in the last 7 weeks at this site.

**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	0	19/4	23/4
RT = Harpenden	0	4/5	29/4
WR = Writtle	0	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

Single willow–carrot aphids were caught this week at Broom’s Barn and Silwood, both were first arrivals and two to three weeks earlier than the 10-year 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	0	5/5	8/5
SX = nr Exeter	0	10/5	10/5

Single pea aphids were caught this week at Broom's Barn and Silwood, both were first arrivals and three to five weeks earlier than the 10-year means.

## 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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