

AHDB Aphid News (24 Apr 2015 No.2)



Suction-trap network sites

In spite of the excellent weather very few aphids were found in suction-trap samples in Bulletin Week 2 (13th – 19th April), which so far largely accords with the forecasts based on winter temperature.

- The trap in York picked up its first rose–grain aphid (*Metopolophium dirhodum*) on 16th April and another was found at Starcross on 15th April, 16 days later than forecast and 15 days later than the 10-year average.
- A bird cherry–oat aphid (*Rhopalosiphum padi*) was found in the Hereford trap on 16th April, 8 days earlier than forecast and over a month later than the 10-year average.
- A grain aphid (*Sitobion avenae*) was found in the Writtle trap on 15th April, 18 days earlier than forecast and 12 days earlier than the 10-year average.
- A willow–carrot aphid (*Cavariella aegopodii*) was found in the Wellesbourne trap on 19th April, 13 days earlier than the 10-year average.
- The shallot aphid (*Myzus ascalonicus*) remains the most numerous aphid species in our suction-trap samples to date.
- None of this is unusual.
- The few aphids that have made it into crops will be multiplying but no reports of infestations have been received by us and major infestations are not expected yet.

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.

Rose–grain aphid (*Metopolophium dirhodum*)

Rose–grain aphid	FIRST ARRIVALS			
	2015	forecast	2014	05-14
D= Dundee	0	4/6	17/5	20/5
G= Edinburgh	0	24/5	28/4	21/5
N= Newcastle	0	30/5	28/5	25/5
Y = York	16/4	N/A	N/A	N/A
P = Preston	0	5/5	6/3	23/4
K = Kirton	0	10/5	30/4	13/5
BB = nr Bury St Edmunds	0	16/5	24/4	2/5
We = Wellesbourne	0	N/A	18/5	2/5
H = Hereford	0	18/5	27/5	16/5
RT = Harpenden	0	10/5	24/4	4/5
WR = Writtle	0	23/4	19/4	25/4
SP = nr Ascot	0	8/5	24/4	25/4
W = Wye	0	7/5	1/5	1/5
SX = nr Exeter	15/4	30/3	20/2	31/3

Two rose–grain aphids have been caught so far this year. These were first arrivals at York and Starcross. The individual at Starcross was just over 2 weeks later than the forecast and 10-year average.

Bird cherry–oat aphid (*Rhopalosiphum padi*)

Bird cherry–oat aphid	FIRST ARRIVALS			
	2015	forecast	2014	05-14
D= Dundee	0	21/5	17/5	17/5
G= Edinburgh	0	17/5	13/5	11/5
N= Newcastle	0	19/5	18/5	11/5
Y = York	0	N/A	N/A	N/A
P = Preston	0	3/5	10/4	2/5
K = Kirton	0	15/4	16/4	14/4
BB = nr Bury St Edmunds	0	2/5	13/4	22/4
We = Wellesbourne	0	N/A	27/4	11/4
H = Hereford	16/4	24/4	10/4	12/3
RT = Harpenden	0	6/5	23/4	28/4
WR = Writtle	0	25/4	16/1	9/4
SP = nr Ascot	0	1/5	28/4	25/4
W = Wye	2-8/3	21/4	8/4	8/4
SX = nr Exeter	19-25/1	24/3	13/3	11/3

The first bird cherry–oat aphid has been caught at Hereford, 8 days earlier than forecast and over a month later than the 10-year average.

Grain aphid (*Sitobion avenae*)

Grain aphid	FIRST ARRIVALS			
	2015	forecast	2014	05-14
D= Dundee	0	5/6	23/5	31/5
G= Edinburgh	0	28/5	25/5	22/5
N= Newcastle	0	28/5	22/5	2/6
Y = York	0	N/A	N/A	N/A
P = Preston	0	17/5	23/4	16/5
K = Kirton	0	8/5	14/5	17/5
BB = nr Bury St Edmunds	0	15/5	25/4	11/5
We = Wellesbourne	0	N/A	31/3	16/4
H = Hereford	0	14/5	21/5	17/5
RT = Harpenden	0	12/5	16/4	17/5
WR = Writtle	15/4	3/5	9/4	27/4
SP = nr Ascot	0	13/5	24/4	4/5
W = Wye	0	7/5	14/4	18/5
SX = nr Exeter	0	15/4	18/4	13/4

The first grain aphid has been caught at Writtle, 18 days earlier than forecast and 12 days earlier than the 10-year average.

Willow-carrot aphid (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2015	2014	05-14
D= Dundee	0	12/5	22/5
G= Edinburgh	0	25/5	11/5
N= Newcastle	0	16/5	20/5
Y = York	0	N/A	N/A
P = Preston	0	29/4	9/5
K = Kirton	0	30/4	4/5
BB = nr Bury St Edmunds	0	24/4	30/4
We = Wellesbourne	19/4	24/4	2/5
H = Hereford	0	2/5	26/4
RT = Harpenden	0	24/4	30/4
WR = Writtle	0	28/4	28/4
SP = nr Ascot	0	27/4	29/4
W = Wye	0	24/4	30/4
SX = nr Exeter	0	5/4	27/4

A single willow-carrot aphid has been caught at Wellesbourne, some 13 days earlier than the 10-year average.



Further information

www.hgca.com/pests

[Rothamsted Insect Survey](#)

www.potato.org.uk/online-toolbox/aphid-monitoring

[HDC pest bulletin](#)

Please send information on crop aphids to

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