

AHDB Aphid News (08 May 2015 No.4)



Suction-trap network sites

The Met Office has declared April as the sunniest in the UK since 1929, but things turned more unsettled as we entered May during Bulletin 4: 27/4 – 3/5.

- Three bird cherry–oat aphids (*Rhopalosiphum padi*) and a single grain aphid (*Sitobion avenae*) have been caught in the suction-traps this week.
- Field reports from eastern England indicate low numbers of all three cereal aphid species in some spring barley crops.
- The first two peach–potato aphids (*Myzus persicae*) have been caught this week, with first arrivals at Kirton and Hereford. The individual at Hereford was particularly early, 3 - 4 weeks earlier than the 10yr average and forecast.
- A single potato aphid (*Macrosiphum euphorbiae*) has been caught this week at Silwood.
- The willow–carrot aphid (*Cavariella aegopodii*) has been caught at four sites this week, with first arrivals at Silwood and Starcross.
- No mealy cabbage aphids (*Brevicoryne brassicae*) or pea aphids (*Acyrtosiphon pisum*) have been caught in suction-traps so far this year.
- There have been further field reports of overwintering colonies of mealy cabbage aphids in winter oilseed rape crops in southern England (Dorset).
- The green spruce aphid (*Elatobium abietinum*) is the most numerous aphid species in our suction-trap samples this week.

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 = 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	20/4	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

No rose–grain aphids have been caught this week.

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	22/4	N/A	N/A	N/A
P = Preston	0	3/5	10/4	2/5
K = Kirton	27/4	15/4	16/4	14/4
BB = 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

Three bird cherry–oat aphids have been caught this week, including a first arrival at Kirton on the 27th April.

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 = 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	1/5	15/4	18/4	13/4

A single grain aphid has been caught this week, a first arrival at Starcross on 1st May, just over two weeks later than the 10-yr average and this year's forecast.

Peach–potato aphid (*Myzus persicae*)

Peach–potato aphid	FIRST ARRIVALS			
	2015	forecast	2014	05-14
D= Dundee	0	13/6	18/6	13/6
G= Edinburgh	0	12/6	12/6	23/6
N= Newcastle	0	12/6	7/6	15/6
Y = York	0	NA	NA	NA
P = Preston	0	17/5	16/4	26/5
K = Kirton	30/4	8/5	20/3	12/5
BB = nr Bury St Edmunds	0	17/5	9/4	11/5
We = Wellesbourne	0	NA	29/4	29/4
H = Hereford	2/5	27/5	17/5	25/5
RT = Harpenden	0	15/5	29/4	21/5
WR = Writtle	0	30/4	19/4	30/4
SP = nr Ascot	0	15/5	29/4	9/5
W = Wye	0	7/5	27/3	22/4
SX = nr Exeter	0	20/4	31/3	15/4

Two peach–potato aphids have been caught this week, both were first arrivals, 12days early at Kirton and 23 days early at Hereford compared to the 10-yr averages.

Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid	FIRST ARRIVALS			
	2015	forecast	2014	05-14
D= Dundee	0	31/5	17/5	30/5
G= Edinburgh	0	20/5	29/4	19/5
N= Newcastle	0	30/5	3/6	3/6
Y = York	0	N/A	N/A	N/A
P = Preston	0	19/5	10/5	17/5
K = Kirton	23/4	5/5	12/4	17/5
BB = Bury St Edmunds	21/4	20/5	1/4	15/5
We = Wellesbourne	0	N/A	12/5	10/5
H = Hereford	0	15/5	18/4	12/5
RT = Harpenden	0	14/5	11/4	12/5
WR = Writtle	24/4	29/4	24/4	30/4
SP = nr Ascot	23/4	10/5	29/4	5/5
W = Wye	0	11/5	27/4	16/5
SX = nr Exeter	20/4	24/4	16/5	2/5

A single potato aphid has been caught this week at Silwood.

Willow-carrot aphid (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2015	2014	05-14
D= Dundee	0	12/5	22/5
G= Edinburgh	20-26/4	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	21/4	30/4	4/5
BB = 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	23/4	24/4	30/4
WR = Writtle	0	28/4	28/4
SP = nr Ascot	1/5	27/4	29/4
W = Wye	0	24/4	30/4
SX = nr Exeter	30/4	5/4	27/4

The willow-carrot aphid has been caught at four sites this week, including first arrivals at Silwood and Starcross, both within days of the 10yr averages.



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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