



Suction-trap network sites

During Bulletin Week 2: 07/4-13/4 more early aphids have been found in our suction-trap samples.

- All the main cereal aphid species have been caught this week, but in low numbers, with the bird cherry–oat aphid (*Rhopalosiphum padi*) being the most numerous.
- Field reports from eastern England confirm the presence of all three cereal aphid species in spring cereals.
- Four peach–potato aphids were caught (Broom’s Barn 3 and Kirton 1). The first arrival at Broom’s Barn was over four weeks earlier than the 10-year mean.
- A field report from eastern England has found a peach–potato aphid on a sugar beet crop at the cotyledon stage. Further field observations indicate aphids are flying, especially potato aphids.
- Three potato aphids (*Macrosiphum euphorbiae*) were caught, including first arrivals at Rothamsted and Kirton, four to five weeks earlier than the ten year means.
- The shallot aphid (*Myzus ascalonicus*) is the most numerous aphid species to date, with particular hotspots at Kirton and Wye.
- No cabbage aphids (*Brevicoryne brassicae*), willow–carrot aphids (*Cavariella aegopodii*) or pea aphids (*Acyrtosiphon pisum*) were caught 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			
	2014	forecast	2013	04-13
D= Dundee	0	24/5	Na	24/5
G= Edinburgh	0	15/5	29/5	21/5
N= Newcastle	0	22/5	21/6	24/5
P = Preston	3-9/3	11/5	17/5	27/4
K = Kirton	0	25/4	3/6	14/5
BB = nr Bury St Edmunds	0	23/4	9/6	6/5
We = Wellesbourne	0	Na	10/6	29/4
H = Hereford	0	7/5	30/5	14/5
RT = Harpenden	0	24/4	16/5	8/5
WR = Writtle	0	1/4	9/6	29/4
SP = nr Ascot	0	12/4	5/6	23/4
W = Wye	0	7/4	10/6	3/5
SX = nr Exeter	17-23/2	17/3	16/5	27/3

One rose–grain aphid was caught this week at Preston, but no new first arrivals.

Bird cherry–oat aphid (*Rhopalosiphum padi*)

Bird cherry–oat aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	18/5	15/6	19/5
G= Edinburgh	0	10/5	19/5	10/5
N= Newcastle	0	14/5	8/6	12/5
P = Preston	10/4	8/5	29/5	5/5
K = Kirton	0	25/3	22/5	13/4
BB = nr Bury St Edmunds	13/4	11/4	16/5	23/4
We = Wellesbourne	0	Na	15/4	11/4
H = Hereford	10/4	6/4	29/5	13/3
RT = Harpenden	0	19/4	6/5	28/4
WR = Writtle	13-19/1	4/4	27/5	19/4
SP = nr Ascot	0	11/4	16/5	24/4
W = Wye	8/4	27/3	26/5	8/4
SX = nr Exeter	10-16/3	7/3	25/5	4/3

Six bird cherry–oat aphids were caught this week, four of which were first arrivals, ranging from a month later than to almost a month earlier than the ten year means.

Grain aphid (*Sitobion avenae*)

Grain aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	26/5	4/6	30/5
G= Edinburgh	0	16/5	20/5	22/5
N= Newcastle	0	20/5	10/7	1/6
P = Preston	0	21/5	7/6	17/5
K = Kirton	0	23/4	10/6	17/5
BB = nr Bury St Edmunds	0	22/4	14/5	13/5
We = Wellesbourne	31/3	Na	9/6	16/4
H = Hereford	0	26/4	5/6	16/5
RT = Harpenden	0	23/4	19/6	19/5
WR = Writtle	9/4	10/4	16/6	30/4
SP = nr Ascot	0	27/4	31/5	4/5
W = Wye	0	15/4	13/6	20/5
SX = nr Exeter	0	3/4	29/5	12/4

Two grain aphids were caught this week, a first at Writtle, three weeks earlier than the ten year mean.

Peach–potato aphid (*Myzus persicae*)

Peach–potato aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	1/6	7/7	11/6
G= Edinburgh	0	27/5	20/7	20/6
N= Newcastle	0	31/5	22/7	14/6
P = Preston	0	20/5	18/6	27/5
K = Kirton	17-23/3	27/4	16/6	16/5
BB = nr Bury St Edmunds	9/4	18/4	16/6	13/5
We = Wellesbourne	0	Na	21/6	24/4
H = Hereford	0	1/5	1/7	24/5
RT = Harpenden	0	15/4	20/6	20/5
WR = Writtle	0	4/4	14/6	2/5
SP = nr Ascot	0	28/4	19/6	10/5
W = Wye	24-30/3	10/4	14/6	26/4
SX = nr Exeter	31/3	7/4	2/6	20/4

Four peach–potato aphids were caught this week (Broom’s Barn 3 and Kirton 1). The first arrival at Broom’s Barn was over four weeks earlier than the 10-year mean.

Potato aphid (*Macrosiphum euphorbiae*)

Potato aphid	FIRST ARRIVALS			
	2014	forecast	2013	04-13
D= Dundee	0	17/5	18/6	28/5
G= Edinburgh	0	8/5	5/6	19/5
N= Newcastle	0	22/5	12/6	31/5
P = Preston	0	22/5	5/6	17/5
K = Kirton	11/4	24/4	21/6	20/5
BB = nr Bury St Edmunds	1/4	27/4	16/6	17/5
We = Wellesbourne	0	Na	31/5	9/5
H = Hereford	0	27/4	19/6	13/5
RT = Harpenden	11/4	29/4	16/5	14/5
WR = Writtle	0	8/4	27/5	30/4
SP = nr Ascot	0	22/4	18/5	5/5
W = Wye	0	27/4	29/6	16/5
SX = nr Exeter	0	16/4	25/5	30/4

Three potato aphids were caught this week, including first arrivals at Rothamsted and Kirton, four to five weeks earlier than the ten year means.

Willow-carrot aphid (*Cavariella aegopodii*)

Willow-carrot aphid	FIRST ARRIVALS		
	2014	2013	04-13
D= Dundee	0	16/6	23/5
G= Edinburgh	0	16/6	9/5
N= Newcastle	0	12/6	20/5
P = Preston	0	26/5	10/5
K = Kirton	0	26/5	4/5
BB = nr Bury St Edmunds	0	18/5	1/5
We = Wellesbourne	0	22/5	3/5
H = Hereford	0	4/1	27/4
RT = Harpenden	0	28/5	2/5
WR = Writtle	0	19/5	28/4
SP = nr Ascot	0	20/4	29/4
W = Wye	0	25/5	2/5
SX = nr Exeter	5/4	21/5	29/4

No willow-carrot aphids were caught this week.



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

mark-s.taylor@rothamsted.ac.uk

richard.harrington@rothamsted.ac.uk



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