

AHDB Aphid News

Suction-trap period 19 August – 25 August 2019

General

- This bulletin week, the weather has become drier as the harvest continues. The total number of reported aphids has increased to just over three times those recorded last week. Most of this increase is attributable to bird cherry-oat aphids.
- Total cereal aphid numbers have increased to over three times that of last week. Hotspots for bird cherry-oat aphids are present across Scotland, however; the risk to crops is passing for this season.
- Single peach-potato aphids were recorded from Dundee, Writtle and Starcross this week.
- No potato aphids were recorded.
- A single cabbage aphid was found this week from Wellesbourne.
- No currant-lettuce aphids were recorded this week.
- Willow-carrot aphids were found from four suction-traps this week.
- Single pea aphids were recorded this week from Dundee and Writtle. The risk to crops is passing for this season.
- Four black bean aphids were recorded this week from Gogarbank. The risk to crops is passing for this season.

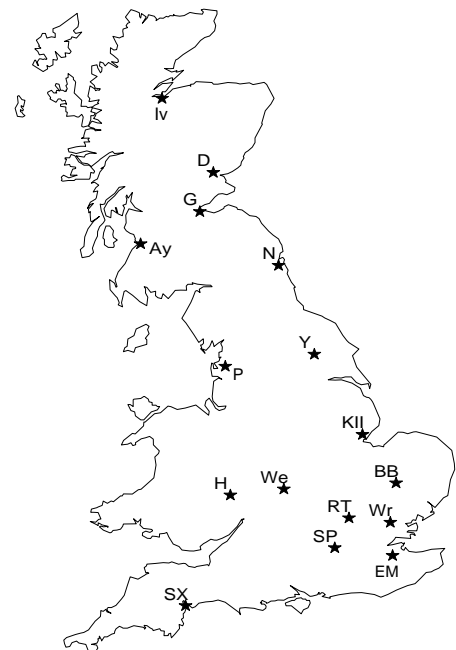
Monitoring vulnerable crops is still advised.

Suction-trap locations

AHDB Aphid News is based on information on aphid species and numbers from the Rothamsted Research/SASA suction-trap (ST) network. The traps are located at:

Inverness (Iv), Dundee (D), Gogarbank (G), Ayr (Ay), Newcastle (N), Preston (P), York (Y), Kirton (K), Broom's Barn (BB), Wellesbourne (We), Hereford (H), Rothamsted Tower (RT), Writtle (Wr), Silwood Park (SP), East Malling* (EM) and Starcross (SX).

* The East Malling (EM) trap will start operating during 2019.



Suction-trap data

'*' indicates where totals have been corrected proportionally to seven days, fewer days' samples having been processed, '#' indicates the first occurrence of this aphid species this year and **0 = none so far this year**.

Red text indicates an increase (↑) and blue text indicates a decrease (↓) in aphid numbers compared to last week. "/" indicates that we have no data from this trap.

Rose-grain aphid (<i>Metopolophium dirhodum</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	19/08-25/08 10-year average 2009-18	2019	2018	25/08 10-year average 2009-18
Dundee	2	0	1	1555	4177	1119
Gogarbank (Edinburgh)	2	0	1	501	360	542
Newcastle	1	0	2	86	78	254
York	*0	0		260	232	
Preston	*0	0	1	105	148	329
Kirton	*0	0	0	566	260	1549
Broom's Barn (Bury St Edmunds)	0	0	0	277	347	1079
Wellesbourne	0	0	0	567	262	316
Hereford	*0	2	2	145	203	543
Rothamsted (Harpenden)	0	0	0	199	190	621
Writtle	0	0	0	99	355	655
Silwood Park (nr Ascot)	0	0	0	121	121	133
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	313	89	303

Bird cherry-oat aphid (<i>Rhopalosiphum padi</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	19/08-25/08 10-year average 2009-18	2019	2018	25/08 10-year average 2009-18
Dundee	280	51	80	2066	7511	2071
Gogarbank (Edinburgh)	398	35	141	1051	1801	1317
Newcastle	90	42	48	279	501	586
York	*22	18		360	277	
Preston	*34	30	46	336	138	312
Kirton	*0	8	31	246	228	937
Broom's Barn (Bury St Edmunds)	11	5	29	248	207	890
Wellesbourne	37	13	40	475	261	450
Hereford	*21	34	70	246	102	620
Rothamsted (Harpenden)	16	3	34	370	109	558
Writtle	28	4	18	304	209	564
Silwood Park (nr Ascot)	18	2	13	235	145	279
East Malling	/			0		
Starcross (nr Exeter)	27	4	40	579	308	613

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals			19/08-25/08			Accumulated until			25/08		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	11	5	17	1237	1638	557						
Gogarbank (Edinburgh)	7	8	17	282	398	358						
Newcastle	2	2	8	107	264	194						
York	*0	0		267	1556							
Preston	*3	4	4	173	345	278						
Kirton	*0	0	6	134	515	1364						
Broom's Barn (Bury St Edmunds)	0	0	3	173	557	1001						
Wellesbourne	0	1	3	167	226	404						
Hereford	*2	2	14	73	240	741						
Rothamsted (Harpenden)	0	0	3	142	262	1067						
Writtle	1	0	3	134	623	1071						
Silwood Park (nr Ascot)	0	0	1	93	211	230						
East Malling	/			0								
Starcross (nr Exeter)	0	0	2	271	125	279						

Peach-potato aphid (<i>Myzus persicae</i>)	Bulletin Week Totals			19/08-25/08			Accumulated until			25/08		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	1	0	2	193	60	37						
Gogarbank (Edinburgh)	0	0	0	65	31	25						
Newcastle	0	0	1	44	65	48						
York	*0	0		364	453							
Preston	*0	0	1	64	152	133						
Kirton	*0	21	4	393	974	875						
Broom's Barn (Bury St Edmunds)	0	0	1	1251	1151	1092						
Wellesbourne	0	0	0	577	961	832						
Hereford	*0	1	3	185	748	346						
Rothamsted (Harpenden)	0	0	0	286	560	563						
Writtle	1	0	0	196	833	863						
Silwood Park (nr Ascot)	0	0	0	49	113	73						
East Malling	/			0								
Starcross (nr Exeter)	1	0	0	150	146	183						

Potato aphid (<i>Macrosiphum euphorbiae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	0	1	0	21	130	47
Gogarbank (Edinburgh)	0	0	1	24	67	60
Newcastle	0	0	1	18	15	20
York	*0	0		13	26	
Preston	*0	0	0	104	14	30
Kirton	*0	0	0	23	9	64
Broom's Barn (Bury St Edmunds)	0	0	0	41	3	33
Wellesbourne	0	0	0	162	10	38
Hereford	*0	0	4	163	7	113
Rothamsted (Harpenden)	0	0	0	67	13	24
Writtle	0	0	0	43	15	41
Silwood Park (nr Ascot)	0	0	0	66	5	18
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	98	42	35

Cabbage aphid (<i>Brevicoryne brassicae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	0	0	0	0	4	2
Gogarbank (Edinburgh)	0	0	0	4	11	6
Newcastle	0	3	0	8	39	7
York	*0	0		5	416	
Preston	*0	8	1	15	95	32
Kirton	*0	30	4	51	279	197
Broom's Barn (Bury St Edmunds)	0	0	1	121	317	163
Wellesbourne	1	0	0	55	522	873
Hereford	*0	0	8	31	827	382
Rothamsted (Harpenden)	0	0	1	18	198	100
Writtle	0	0	0	150	1454	329
Silwood Park (nr Ascot)	0	0	1	7	123	55
East Malling	/			0		
Starcross (nr Exeter)	0	1	2	36	198	236

Willow-carrot aphid (<i>Cavariella aegopodii</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	5	3	2	186	82	100
Gogarbank (Edinburgh)	1	0	1	303	58	113
Newcastle	0	0	1	46	26	109
York	*1	0		674	174	
Preston	*0	0	4	562	100	604
Kirton	*0	0	1	303	243	853
Broom's Barn (Bury St Edmunds)	1	0	1	254	758	939
Wellesbourne	0	0	0	636	323	626
Hereford	*0	0	0	385	52	360
Rothamsted (Harpenden)	0	0	0	229	133	464
Writtle	0	0	0	120	590	1005
Silwood Park (nr Ascot)	0	0	0	215	235	294
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	235	127	180

Pea aphid (<i>Acyrtosiphon pisum</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	1	0	1	138	295	60
Gogarbank (Edinburgh)	0	0	1	15	75	46
Newcastle	0	0	0	8	67	48
York	*0	1		33	342	
Preston	*0	1	1	8	46	34
Kirton	*0	0	2	151	968	1147
Broom's Barn (Bury St Edmunds)	0	0	1	102	324	629
Wellesbourne	0	0	0	124	271	316
Hereford	*0	0	3	32	119	133
Rothamsted (Harpenden)	0	0	1	148	331	446
Writtle	1	0	1	102	464	726
Silwood Park (nr Ascot)	0	0	0	70	125	87
East Malling	/			0		
Starcross (nr Exeter)	0	1	2	57	40	89

Black bean aphid (<i>Aphis fabae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	19/08-25/08 10-year average 2009-18	2019	2018	25/08 10-year average 2009-18
Dundee	0	7	3	16	350	69
Gogarbank (Edinburgh)	4	3	7	15	53	55
Newcastle	0	0	3	1	9	47
York	*0	0		4	54	
Preston	*0	1	0	9	21	30
Kirton	*0	0	0	37	97	205
Broom's Barn (Bury St Edmunds)	0	0	1	41	96	268
Wellesbourne	0	0	0	217	44	217
Hereford	*0	1	1	141	44	141
Rothamsted (Harpenden)	0	0	0	180	101	361
Writtle	0	0	0	121	125	313
Silwood Park (nr Ascot)	0	0	0	154	133	92
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	278	54	97

Further information

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

insectsurvey.com

ahdb.org.uk/aphid-news

In partnership with



AHDB
 Stoneleigh Park
 Kenilworth
 Warwickshire
 CV8 2TL

T 024 7 669 2051
 E info@ahdb.org.uk
 W ahdb.org.uk
 @TheAHDB

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