

AHDB Aphid News

Suction-trap period 12 August – 18 August 2019

General

- This bulletin week, rainfall has continued to bring disruption to the harvest. The total number of reported aphids has decreased to just around half of those recorded last week.
- Total cereal aphid numbers have also declined to 54% of last week. Hotspots for bird cherry-oat aphids remain at Dundee, however; the risk to crops is passing for this season.
- Only two peach-potato aphids were recorded from Dundee this week.
- No potato aphids were recorded.
- No cabbage aphids were found this week.
- This week a single currant-lettuce aphid was recorded from Wellesbourne.
- Single willow-carrot aphids were found at Dundee and Starcross this week.
- A single pea aphid was recorded this week from Dundee. The risk to crops is passing for this season.
- No black bean aphids were recorded this week. The risk to crops is passing for this season.

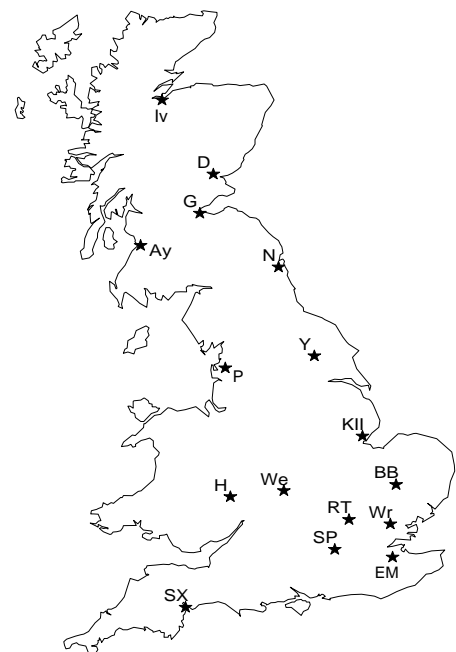
Monitoring vulnerable crops is still advised.

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	12/08-18/08 10-year average 2009-18	2019	2018	18/08 10-year average 2009-18
Dundee	1	3	2	1553	4177	1118
Gogarbank (Edinburgh)	0	2	2	499	360	541
Newcastle	1	0	8	85	78	252
York	0	0		260	232	
Preston	0	0	1	105	148	328
Kirton	*0	0	2	566	260	1549
Broom's Barn (Bury St Edmunds)	0	0	0	277	347	1078
Wellesbourne	0	0	1	567	262	316
Hereford	0	0	1	145	201	542
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	12/08-18/08 10-year average 2009-18	2019	2018	18/08 10-year average 2009-18
Dundee	143	32	62	1786	7460	1991
Gogarbank (Edinburgh)	50	30	81	653	1766	1176
Newcastle	27	8	54	189	459	538
York	10	1		338	259	
Preston	29	14	34	302	108	266
Kirton	*0	1	33	246	220	906
Broom's Barn (Bury St Edmunds)	1	1	21	237	202	861
Wellesbourne	11	5	59	438	248	410
Hereford	20	4	69	225	68	549
Rothamsted (Harpenden)	0	2	24	354	106	523
Writtle	*3	7	13	276	205	546
Silwood Park (nr Ascot)	6	0	12	217	143	266
East Malling	/			0		
Starcross (nr Exeter)	6	4	23	552	304	573

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	6	11	10	1226	1633	540
Gogarbank (Edinburgh)	5	5	17	275	390	341
Newcastle	4	2	25	105	262	187
York	0	0		267	1556	
Preston	0	2	10	170	341	275
Kirton	*0	0	10	134	515	1358
Broom's Barn (Bury St Edmunds)	0	0	4	173	557	998
Wellesbourne	1	1	9	167	225	400
Hereford	2	4	18	70	238	727
Rothamsted (Harpenden)	0	1	5	142	262	1064
Writtle	*0	1	2	133	623	1068
Silwood Park (nr Ascot)	0	0	2	93	211	229
East Malling	/			0		
Starcross (nr Exeter)	0	0	2	271	125	277

Peach-potato aphid (<i>Myzus persicae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	2	3	1	192	60	35
Gogarbank (Edinburgh)	0	2	1	65	31	24
Newcastle	0	1	1	44	65	47
York	0	0		364	453	
Preston	0	0	0	64	152	132
Kirton	*0	21	4	393	953	871
Broom's Barn (Bury St Edmunds)	0	0	1	1251	1151	1091
Wellesbourne	0	0	0	577	961	832
Hereford	0	0	1	185	747	343
Rothamsted (Harpenden)	0	0	1	286	560	563
Writtle	*0	0	0	195	833	863
Silwood Park (nr Ascot)	0	0	0	49	113	73
East Malling	/			0		
Starcross (nr Exeter)	0	0	1	149	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	129	46
Gogarbank (Edinburgh)	0	0	1	24	67	59
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	110
Rothamsted (Harpenden)	0	0	0	67	13	23
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	1	0	4	11	6
Newcastle	0	0	0	8	36	6
York	0	6		5	416	
Preston	0	0	0	15	87	31
Kirton	*0	19	2	51	249	194
Broom's Barn (Bury St Edmunds)	0	0	1	121	317	163
Wellesbourne	0	0	1	54	522	873
Hereford	0	1	3	31	827	374
Rothamsted (Harpenden)	0	0	1	18	198	99
Writtle	*0	0	1	150	1454	329
Silwood Park (nr Ascot)	0	0	0	7	123	54
East Malling	/			0		
Starcross (nr Exeter)	0	1	1	36	197	234

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	1	1	1	181	79	97
Gogarbank (Edinburgh)	0	0	0	302	58	113
Newcastle	0	0	0	46	26	108
York	0	0		673	174	
Preston	0	0	1	562	100	601
Kirton	*0	0	1	303	243	852
Broom's Barn (Bury St Edmunds)	0	0	1	253	758	938
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)	1	0	0	235	127	179

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	1	1	137	295	59
Gogarbank (Edinburgh)	0	1	2	15	75	45
Newcastle	0	1	3	8	67	47
York	0	2		33	341	
Preston	0	0	0	8	45	33
Kirton	*0	1	3	151	968	1145
Broom's Barn (Bury St Edmunds)	0	0	1	102	324	628
Wellesbourne	0	0	5	124	271	316
Hereford	0	1	4	32	119	129
Rothamsted (Harpenden)	0	1	2	148	331	445
Writtle	*0	0	1	101	464	725
Silwood Park (nr Ascot)	0	0	0	70	125	87
East Malling	/			0		
Starcross (nr Exeter)	0	0	1	57	39	87

Black bean aphid (<i>Aphis fabae</i>)	Bulletin Week Totals			Accumulated until		
	2019	2018	12/08-18/08 10-year average 2009-18	2019	2018	18/08 10-year average 2009-18
Dundee	0	4	2	16	343	66
Gogarbank (Edinburgh)	0	1	5	11	50	48
Newcastle	0	0	3	1	9	44
York	0	0		4	54	
Preston	0	0	0	9	20	30
Kirton	*0	0	0	37	97	205
Broom's Barn (Bury St Edmunds)	0	0	1	41	96	267
Wellesbourne	0	0	1	217	44	217
Hereford	0	0	1	141	43	140
Rothamsted (Harpenden)	0	0	0	180	101	361
Writtle	*0	0	1	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

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