

# AHDB Aphid News

Suction-trap period 05 August – 11 August 2019

## General

- This bulletin week, above average rainfall continues to hamper the harvest. The total number of reported aphids has decreased to 54% of those recorded last week.
- Total cereal aphid numbers have also decreased to 56% of last week. Hotspots for bird cherry-oat aphids remain across Scottish sites, however; the risk to crops is passing for this season.
- Only two peach-potato aphids were recorded from Starcross this week.
- No potato aphids were recorded this week.
- Only a single cabbage aphid was found at Silwood Park this week.
- No currant-lettuce aphids were recorded this week.
- Only a single willow-carrot aphid was found at Gogarbank this week.
- A single pea aphid was recorded this week from York. The risk to crops is passing for this season.
- No black bean aphids were recorded this week. The threshold for black bean aphid in field and broad beans is 10% colonisation. A lower threshold of 5% infested is advised to prevent virus transmission.

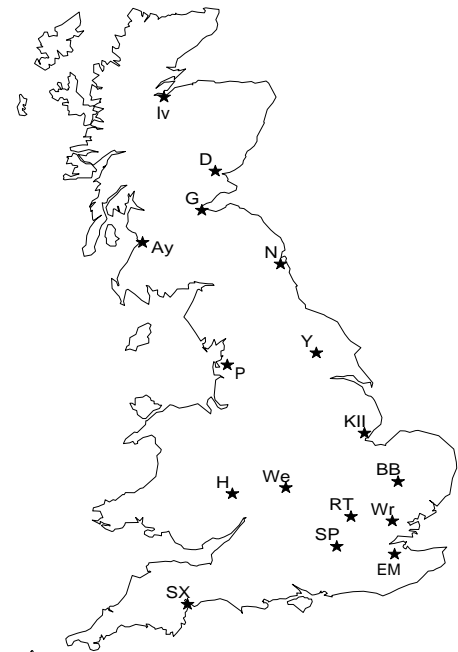
**Monitoring vulnerable crops is still advised.**

## 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	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	2	6	4	1552	4174	1116
Gogarbank (Edinburgh)	0	12	4	499	358	539
Newcastle	3	0	18	84	78	244
York	*0	0		260	232	
Preston	0	0	1	105	148	328
Kirton	0	0	5	566	260	1546
Broom's Barn (Bury St Edmunds)	0	0	4	277	347	1078
Wellesbourne	*1	0	1	567	262	315
Hereford	2	0	5	145	201	541
Rothamsted (Harpenden)	0	0	1	199	190	621
Writtle	0	0	1	99	355	655
Silwood Park (nr Ascot)	1	0	0	121	121	133
East Malling	/			0		
Starcross (nr Exeter)	0	0	1	313	89	303

Bird cherry-oat aphid ( <i>Rhopalosiphum padi</i> )	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	307	32	65	1643	7428	1929
Gogarbank (Edinburgh)	114	90	91	603	1736	1095
Newcastle	27	15	58	162	451	484
York	*6	2		328	258	
Preston	21	8	18	273	94	231
Kirton	1	2	36	246	219	873
Broom's Barn (Bury St Edmunds)	2	1	28	236	201	840
Wellesbourne	*6	6	33	427	243	351
Hereford	26	14	88	205	64	480
Rothamsted (Harpenden)	5	4	42	354	104	499
Writtle	3	1	17	273	198	532
Silwood Park (nr Ascot)	1	1	18	211	143	254
East Malling	/			0		
Starcross (nr Exeter)	7	0	64	546	300	551

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	28	23	31	1220	1622	529
Gogarbank (Edinburgh)	15	24	21	270	385	324
Newcastle	11	6	27	101	260	162
York	*0	3		267	1556	
Preston	2	14	10	170	339	264
Kirton	0	1	31	134	515	1348
Broom's Barn (Bury St Edmunds)	0	0	20	173	557	993
Wellesbourne	*4	7	12	166	224	391
Hereford	4	3	41	68	234	709
Rothamsted (Harpenden)	1	2	23	142	261	1059
Writtle	3	0	20	133	622	1066
Silwood Park (nr Ascot)	1	1	2	93	211	227
East Malling	/			0		
Starcross (nr Exeter)	3	0	5	271	125	275

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	0	0	2	190	57	34
Gogarbank (Edinburgh)	0	3	1	65	29	24
Newcastle	0	7	2	44	64	46
York	*0	4		364	453	
Preston	0	0	0	64	152	132
Kirton	0	20	7	393	932	868
Broom's Barn (Bury St Edmunds)	0	0	10	1251	1151	1090
Wellesbourne	*0	0	1	577	961	831
Hereford	0	0	3	185	747	342
Rothamsted (Harpenden)	0	0	3	286	560	563
Writtle	0	0	5	195	833	862
Silwood Park (nr Ascot)	0	0	0	49	113	73
East Malling	/			0		
Starcross (nr Exeter)	2	0	0	149	146	182

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	2	2	21	128	46
Gogarbank (Edinburgh)	0	3	1	24	67	59
Newcastle	0	0	1	18	15	19
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	8	163	7	106
Rothamsted (Harpenden)	0	0	0	67	13	23
Writtle	0	0	0	43	15	41
Silwood Park (nr Ascot)	0	0	0	66	5	17
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	98	42	34

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	10	6
Newcastle	0	5	1	8	36	6
York	*0	5		5	410	
Preston	0	5	1	15	87	31
Kirton	0	20	3	51	230	192
Broom's Barn (Bury St Edmunds)	0	1	3	121	317	162
Wellesbourne	*0	4	3	54	522	872
Hereford	0	2	4	31	826	371
Rothamsted (Harpenden)	0	1	4	18	198	98
Writtle	0	0	4	150	1454	328
Silwood Park (nr Ascot)	1	0	0	7	123	54
East Malling	/			0		
Starcross (nr Exeter)	0	0	3	36	196	233

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	0	1	3	180	78	96
Gogarbank (Edinburgh)	1	0	0	302	58	112
Newcastle	0	0	0	46	26	108
York	*0	1		673	174	
Preston	0	0	1	562	100	600
Kirton	0	0	0	303	243	851
Broom's Barn (Bury St Edmunds)	0	0	0	253	758	938
Wellesbourne	*0	0	0	636	323	626
Hereford	0	0	1	385	52	360
Rothamsted (Harpenden)	0	0	1	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	234	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	0	2	1	136	294	58
Gogarbank (Edinburgh)	0	5	1	15	74	44
Newcastle	0	13	7	8	66	45
York	*1	5		33	339	
Preston	0	0	0	8	45	33
Kirton	0	0	15	151	967	1142
Broom's Barn (Bury St Edmunds)	0	0	20	102	324	627
Wellesbourne	*0	2	5	124	271	311
Hereford	0	3	6	32	118	125
Rothamsted (Harpenden)	0	0	12	148	330	443
Writtle	0	0	6	101	464	724
Silwood Park (nr Ascot)	0	0	0	70	125	87
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	57	39	86

Black bean aphid ( <i>Aphis fabae</i> )	Bulletin Week Totals			Accumulated until		
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	0	5	2	16	339	64
Gogarbank (Edinburgh)	0	12	4	11	49	43
Newcastle	0	2	4	1	9	42
York	*0	1		4	54	
Preston	0	0	0	9	20	30
Kirton	0	0	3	37	97	204
Broom's Barn (Bury St Edmunds)	0	0	1	41	96	266
Wellesbourne	*0	0	0	217	44	216
Hereford	0	0	3	141	43	139
Rothamsted (Harpenden)	0	0	2	180	101	360
Writtle	0	0	2	121	125	312
Silwood Park (nr Ascot)	0	0	0	154	133	92
East Malling	/			0		
Starcross (nr Exeter)	0	0	0	278	54	96

### Further information

Please send information on crop aphids to: [alex.greenslade@rothamsted.ac.uk](mailto:alex.greenslade@rothamsted.ac.uk)

[insectsurvey.com](http://insectsurvey.com)

[ahdb.org.uk/aphid-news](http://ahdb.org.uk/aphid-news)

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