

# AHDB Aphid News

Suction-trap period 26 August to 1 September 2019

## General

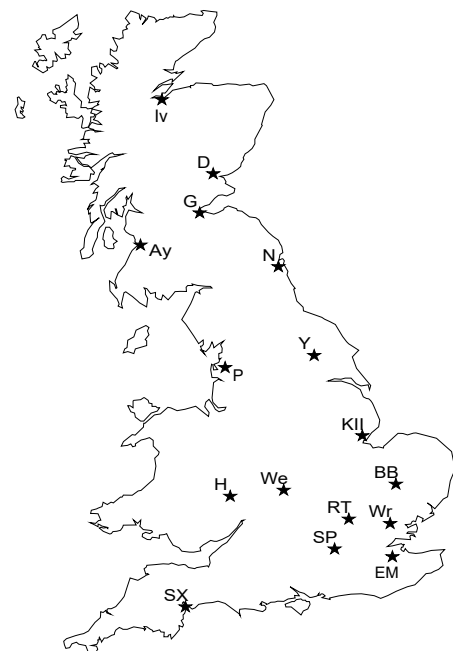
- Dry weather persisted during this reporting period, as harvest entered the final phase.
- The total number of aphids decreased to 85% of the previous week.
- The total cereal aphid numbers fell to 86% of the previous week.
- Hotspots for bird cherry–oat aphids are still present at Scottish sites.
- Two peach–potato aphids recorded from York.
- No potato aphids recorded.
- No cabbage aphids found.
- No currant–lettuce aphids recorded.
- No willow–carrot aphids found.
- Three pea aphids recorded from Starcross, as well as single individuals from York and Writtle.
- One black bean aphid recorded from Gogarbank.
- Monitoring 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	1	1	0	1556	4178	1119
Gogarbank (Edinburgh)	*1	0	0	502	360	543
Newcastle	0	0	1	86	78	255
York	0	0		260	232	
Preston	0	0	0	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	1	567	262	317
Hereford	0	0	1	145	203	544
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	10-year average 2009-18	2019	2018	10-year average 2009-18
Dundee	282	63	88	2348	7574	2160
Gogarbank (Edinburgh)	*205	39	109	1256	1840	1426
Newcastle	44	32	121	323	533	707
York	84	14		444	291	
Preston	32	26	70	368	164	382
Kirton	0	11	16	246	239	953
Broom's Barn (Bury St Edmunds)	12	15	24	260	222	914
Wellesbourne	48	21	64	523	282	514
Hereford	33	55	51	279	157	671
Rothamsted (Harpenden)	21	10	25	391	119	583
Writtle	25	13	15	329	222	579
Silwood Park (nr Ascot)	24	3	17	259	148	296
East Malling	/			0		
Starcross (nr Exeter)	40	9	32	619	317	645

Grain aphid ( <i>Sitobion avenae</i> )	Bulletin Week Totals			26/09-01/09		Accumulated until		01/09
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	11	3	8	1248	1641	565		
Gogarbank (Edinburgh)	*4	1	7	286	399	365		
Newcastle	1	3	7	108	267	201		
York	2	0		269	1556			
Preston	1	0	3	174	345	281		
Kirton	0	0	1	134	515	1365		
Broom's Barn (Bury St Edmunds)	0	0	1	173	557	1001		
Wellesbourne	0	0	3	167	226	407		
Hereford	0	4	7	73	244	747		
Rothamsted (Harpenden)	0	0	1	142	262	1068		
Writtle	1	0	1	135	623	1072		
Silwood Park (nr Ascot)	0	0	0	93	211	230		
East Malling	/			0				
Starcross (nr Exeter)	1	0	1	272	125	280		

Peach-potato aphid ( <i>Myzus persicae</i> )	Bulletin Week Totals			26/09-01/09		Accumulated until		01/09
	2019	2018	10-year average 2009-18	2019	2018	10-year average 2009-18		
Dundee	0	7	3	193	67	39		
Gogarbank (Edinburgh)	*0	0	0	65	31	25		
Newcastle	0	1	0	44	66	48		
York	2	1		366	454			
Preston	0	0	1	64	152	133		
Kirton	0	7	3	393	981	878		
Broom's Barn (Bury St Edmunds)	0	0	1	1251	1151	1093		
Wellesbourne	0	0	0	577	961	832		
Hereford	0	0	1	185	748	347		
Rothamsted (Harpenden)	0	0	0	286	560	564		
Writtle	0	0	0	196	833	863		
Silwood Park (nr Ascot)	0	0	0	49	113	73		
East Malling	/			0				
Starcross (nr Exeter)	0	0	1	150	146	184		

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	0	0	21	130	47
Gogarbank (Edinburgh)	*0	0	0	24	67	60
Newcastle	0	0	1	18	15	21
York	0	0		13	26	
Preston	0	0	0	104	14	31
Kirton	0	0	0	23	9	65
Broom's Barn (Bury St Edmunds)	0	0	0	41	3	33
Wellesbourne	0	0	0	162	10	38
Hereford	0	0	1	163	7	114
Rothamsted (Harpenden)	0	0	0	67	13	24
Writtle	0	0	0	43	15	42
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	3	0	4	14	6
Newcastle	0	3	1	8	42	7
York	0	0		5	416	
Preston	0	6	1	15	101	32
Kirton	0	3	1	51	282	198
Broom's Barn (Bury St Edmunds)	0	0	0	121	317	163
Wellesbourne	0	1	1	55	523	873
Hereford	0	0	2	31	827	384
Rothamsted (Harpenden)	0	0	1	18	198	101
Writtle	0	0	0	150	1454	329
Silwood Park (nr Ascot)	0	0	0	7	123	55
East Malling	/			0		
Starcross (nr Exeter)	0	0	1	36	198	237

Willow-carrot aphid ( <i>Cavariella aegopodii</i> )	Bulletin Week Totals			26/09-01/09			Accumulated until			01/09		
	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	0	4	3	186	86	103	186	86	103	186	86	103
Gogarbank (Edinburgh)	*0	0	1	303	58	114	303	58	114	303	58	114
Newcastle	0	0	0	46	26	109	46	26	109	46	26	109
York	0	0		674	174		674	174		674	174	
Preston	0	0	1	562	100	605	562	100	605	562	100	605
Kirton	0	0	2	303	243	855	303	243	855	303	243	855
Broom's Barn (Bury St Edmunds)	0	0	1	254	758	940	254	758	940	254	758	940
Wellesbourne	0	0	0	636	323	627	636	323	627	636	323	627
Hereford	0	0	0	385	52	360	385	52	360	385	52	360
Rothamsted (Harpenden)	0	1	1	229	134	465	229	134	465	229	134	465
Writtle	0	0	0	120	590	1005	120	590	1005	120	590	1005
Silwood Park (nr Ascot)	0	0	0	215	235	295	215	235	295	215	235	295
East Malling	/			0			0			0		
Starcross (nr Exeter)	0	0	0	235	127	180	235	127	180	235	127	180

Pea aphid ( <i>Acyrtosiphon pisum</i> )	Bulletin Week Totals			26/09-01/09			Accumulated until			01/09		
	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	0	1	0	138	296	60	138	296	60	138	296	60
Gogarbank (Edinburgh)	*0	0	1	15	75	47	15	75	47	15	75	47
Newcastle	0	0	0	8	67	48	8	67	48	8	67	48
York	1	0		34	342		34	342		34	342	
Preston	0	2	0	8	48	34	8	48	34	8	48	34
Kirton	0	0	2	151	968	1149	151	968	1149	151	968	1149
Broom's Barn (Bury St Edmunds)	0	0	0	102	324	629	102	324	629	102	324	629
Wellesbourne	0	1	2	124	272	318	124	272	318	124	272	318
Hereford	0	1	0	32	120	133	32	120	133	32	120	133
Rothamsted (Harpenden)	0	0	1	148	331	447	148	331	447	148	331	447
Writtle	1	0	1	103	464	727	103	464	727	103	464	727
Silwood Park (nr Ascot)	0	0	0	70	125	87	70	125	87	70	125	87
East Malling	/			0			0			0		
Starcross (nr Exeter)	3	0	0	60	40	89	60	40	89	60	40	89

Black bean aphid ( <i>Aphis fabae</i> )	Bulletin Week Totals			Accumulated until		
	2019	2018	26/09-01/09 10-year average 2009-18	2019	2018	01/09 10-year average 2009-18
Dundee	0	9	2	16	359	71
Gogarbank (Edinburgh)	*1	0	3	16	53	58
Newcastle	0	1	3	1	10	50
York	0	0		4	54	
Preston	0	0	1	9	21	31
Kirton	0	0	1	37	97	206
Broom's Barn (Bury St Edmunds)	0	0	1	41	96	268
Wellesbourne	0	0	1	217	44	217
Hereford	0	0	0	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](mailto:alex.greenslade@rothamsted.ac.uk)

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