



Suction-trapping Results

The information below relates to suction-trap samples collected during Bulletin Week **15: 03/07 – 09/07**.

‘*’ indicates where totals have been corrected proportionally to seven days, fewer days’ samples having been processed and **0 = none so far this year**.

Rose-grain aphid (<i>Metopolophium dirhodum</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		11	302	14	60	418
Gogarbank (Edinburgh)	3	↑	3	151	209	29	277
Newcastle	3	↓	4	15	57	39	71
York	8	↓	0	/	164	27	/
Preston	4	↑	4	13	168	67	291
Kirton	18	↑	6	443	223	32	876
Broom’s Barn (Bury St Edmunds)	34	↑	8	234	200	40	688
Wellesbourne	80	↓	0	67	279	51	277
Hereford	22	↑	0	83	149	34	327
Rothamsted (Harpenden)	18	↑	4	142	87	45	352
Writtle	4	↑	2	142	83	46	422
Silwood Park (nr Ascot)	2	↓	0	5	33	18	107
Wye	26	↑	7	65	102	26	136
Starcross (nr Exeter)	16	↑	1	27	146	62	286

The rose-grain aphid was caught at all sites but Dundee this bulletin week, increasing at nine sites with the highest number caught at Wellesbourne (80).

Bird cherry–oat aphid (<i>Rhopalosiphum padi</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	155	173	11	867	450
Gogarbank (Edinburgh)	2	↓	11	331	134	83	550
Newcastle	3	↓	66	56	81	129	240
York	12		8	/	108	69	/
Preston	20	↑	6	9	852	73	72
Kirton	10	↓	3	161	95	195	575
Broom's Barn (nr Bury St Edmunds)	24	↑	12	109	112	273	654
Wellesbourne	50	↑	10	18	166	261	153
Hereford	12	↑	7	42	126	188	185
Rothamsted (Harpenden)	8	↑	14	66	48	213	284
Writtle	14	↑	12	80	91	429	385
Silwood Park (nr Ascot)	6	↑	8	12	60	158	167
Wye	16	↑	27	29	139	216	195
Starcross (nr Exeter)	9	↑	26	37	185	538	292

The bird cherry–oat aphid was caught at all sites this bulletin week, with numbers generally increasing in the south with the highest number caught at Wellesbourne (50).

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		23	58	6	66	92
Gogarbank (Edinburgh)	1	↓	1	65	112	23	119
Newcastle	7	↑	1	7	23	30	40
York	48	↓	8	/	315	27	/
Preston	16	↑	4	53	176	28	152
Kirton	16	↑	1	388	47	14	518
Broom's Barn (nr Bury St Edmunds)	40	↑	0	185	76	22	506
Wellesbourne	16	↑	3	192	46	49	313
Hereford	26	↑	1	97	56	22	231
Rothamsted (Harpenden)	48	↑	1	249	67	23	468
Writtle	62	↑	1	233	93	24	509
Silwood Park (nr Ascot)	9	↓	0	20	46	25	131
Wye	30	↓	3	83	68	53	145
Starcross (nr Exeter)	19	↓	5	45	137	66	162

The grain aphid was caught at all sites apart from Dundee this week. The highest number was caught at Writtle (62).

Peach–potato aphid (<i>Myzus persicae</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*30	↑	4	3	49	17	8
Gogarbank (Edinburgh)	5		4	3	89	7	11
Newcastle	23	↓	0	1	269	19	14
York	20	↓	0	/	922	246	/
Preston	12	↑	2	41	61	118	118
Kirton	16	↓	1	176	688	192	536
Broom's Barn (nr Bury St Edmunds)	18	↑	1	100	1262	368	757
Wellesbourne	80	↓	0	21	992	1558	653
Hereford	44	↓	0	22	375	543	205
Rothamsted (Harpenden)	10	↓	0	77	275	283	380
Writtle	6	↑	2	102	129	405	707
Silwood Park (nr Ascot)	11	↑	0	3	36	52	59
Wye	30	↑	4	13	205	73	221
Starcross (nr Exeter)	6		0	9	134	44	148

The peach–potato aphid was caught at all sites this week, with the highest number caught at Wellesbourne (80).

Potato aphid (<i>Macrosiphum euphorbiae</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		1	2	10	15	11
Gogarbank (Edinburgh)	1	↓	0	10	65	14	37
Newcastle	0	↓	1	1	33	5	12
York	0	↓	0	/	41	9	/
Preston	0		0	2	28	28	26
Kirton	0	↓	0	17	66	15	49
Broom's Barn (nr Bury St Edmunds)	0	↓	0	2	21	4	29
Wellesbourne	0	↓	0	3	54	19	36
Hereford	0	↓	0	16	110	27	59
Rothamsted (Harpenden)	4	↑	0	3	17	14	19
Writtle	2	↑	0	4	55	16	37
Silwood Park (nr Ascot)	0		0	0	9	15	18
Wye	2	↑	1	2	21	3	12
Starcross (nr Exeter)	0		0	4	37	9	40

The potato aphid was caught in single figures at only four sites this bulletin week. Numbers increased in the south but decreased in the north, with the highest number at Rothamsted (4).

Cabbage aphid <i>(Brevicoryne brassicae)</i>	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	0	0	4	0	0
Gogarbank (Edinburgh)	2	↑	1	0	21	3	2
Newcastle	1	↓	0	0	18	1	5
York	4	↓	4	/	31	46	/
Preston	0		0	1	20	94	24
Kirton	6	↑	0	23	43	69	145
Broom's Barn (nr Bury St Edmunds)	10	↑	0	21	125	34	77
Wellesbourne	16	↑	3	121	83	1272	831
Hereford	44	↑	0	15	122	985	248
Rothamsted (Harpenden)	0	↓	0	12	4	7	42
Writtle	6	↑	0	31	23	41	180
Silwood Park (nr Ascot)	7	↑	0	9	16	9	48
Wye	24	↑	0	25	40	21	88
Starcross (nr Exeter)	17	↑	0	13	75	9	136

The mealy cabbage aphid was caught at twelve sites this week, increasing at ten sites with the highest numbers at Hereford (44).

Willow-carrot aphid <i>(Cavariella aegopodii)</i>	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		2	2	14	174	81
Gogarbank (Edinburgh)	0	↓	2	6	73	155	105
Newcastle	10	↑	11	6	155	70	95
York	0	↓	4	/	739	458	/
Preston	4	↓	2	11	532	1057	625
Kirton	0	↓	1	17	1027	693	756
Broom's Barn (nr Bury St Edmunds)	0	↓	0	15	594	446	853
Wellesbourne	4	↓	0	3	927	426	559
Hereford	2	↓	0	16	838	149	406
Rothamsted (Harpenden)	0		3	9	136	240	481
Writtle	0		1	10	250	481	1003
Silwood Park (nr Ascot)	0		0	1	113	124	293
Wye	0		1	7	154	243	431
Starcross (nr Exeter)	2	↑	0	12	162	129	171

The willow-carrot aphid was caught at only five sites this week. Numbers have fallen at several sites but have increased at Starcross and Newcastle, the latter of which had highest number (10).

Pea aphid (<i>Acyrtosiphon pisum</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	2	5	3	6	9
Gogarbank (Edinburgh)	0		0	9	4	2	19
Newcastle	0		2	2	6	11	8
York	8	↑	0	/	9	8	/
Preston	8	↑	0	5	18	6	31
Kirton	30	↑	0	151	110	64	266
Broom's Barn (nr Bury St Edmunds)	48	↑	0	99	107	88	222
Wellesbourne	50	↑	0	67	130	175	199
Hereford	0	↓	0	9	39	103	61
Rothamsted (Harpenden)	40	↑	2	46	100	110	149
Writtle	132	↑	0	144	215	111	299
Silwood Park (nr Ascot)	13	↑	0	10	26	51	65
Wye	22	↓	1	51	99	34	113
Starcross (nr Exeter)	0	↓	2	8	23	32	76

The pea aphid was caught at ten sites this week, with numbers increasing at many sites. The highest number was a hotspot at Writtle (132).

Black bean aphid (<i>Aphis fabae</i>)	Bulletin Week Totals		03/07-09/07		Accumulated until		09/07
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		0	2	0	4	5
Gogarbank (Edinburgh)	0		0	2	9	3	5
Newcastle	2	↑	0	1	8	0	3
York	28	↑	0	/	87	0	/
Preston	12	↓	0	3	69	1	18
Kirton	10	↓	0	53	37	8	120
Broom's Barn (nr Bury St Edmunds)	4	↑	0	78	108	1	228
Wellesbourne	14	↓	0	60	108	2	169
Hereford	6	↓	0	29	17	0	92
Rothamsted (Harpenden)	18	↑	1	112	106	6	271
Writtle	4	↑	1	53	87	3	259
Silwood Park (nr Ascot)	0		0	8	12	12	57
Wye	6	↑	3	33	27	5	71
Starcross (nr Exeter)	6	↓	3	17	263	212	98

The black bean aphid was caught at eleven sites this week, with the highest number at York (28).

Further information

Please send information on crop aphids to: mark-s.taylor@rothamsted.ac.uk

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