



Suction-trapping Results

The information below relates to suction-trap samples collected during Bulletin Week 11: 05/6 – 11/6.

‘*’ 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 (Metopolophium dirhodum)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	1	1	14	2	2
Gogarbank (Edinburgh)	*25	↓	11	4	190	13	9
Newcastle	3	↓	4	4	29	9	8
York	15	↓	11	/	62	19	/
Preston	*5	↓	34	12	139	53	33
Kirton	7	↓	3	10	101	15	23
Broom’s Barn (Bury St Edmunds)	2	↓	3	29	65	26	60
Wellesbourne	3	↓	8	12	32	40	26
Hereford	5	↓	10	13	55	29	30
Rothamsted (Harpenden)	3	↓	5	14	18	35	25
Writtle	*5	↓	2	16	43	42	37
Silwood Park (nr Ascot)	0	↓	2	14	18	18	28
Wye	1		1	1	7	7	6
Starcross (nr Exeter)	11	↓	5	38	114	53	93

The rose–grain aphid was caught at all sites except Silwood, decreasing at twelve sites and with numbers highest at Edinburgh (25).

Bird cherry–oat aphid (<i>Rhopalosiphum padi</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	2	6	7	20	16
Gogarbank (Edinburgh)	*21	↓	2	6	110	9	16
Newcastle	6	↓	4	13	62	9	27
York	24	↓	21	/	62	45	/
Preston	*77	↓	12	4	674	45	23
Kirton	5	↓	22	72	59	158	130
Broom's Barn (nr Bury St Edmunds)	0	↓	39	51	67	246	158
Wellesbourne	9	↓	79	30	80	231	93
Hereford	5	↓	29	15	109	160	52
Rothamsted (Harpenden)	1	↓	34	21	31	183	68
Writtle	*1	↓	38	18	54	396	107
Silwood Park (nr Ascot)	0	↓	9	32	35	134	114
Wye	2	↓	13	12	26	176	120
Starcross (nr Exeter)	5	↓	30	31	137	470	174

The bird cherry–oat aphid was caught at twelve sites this bulletin week. Numbers were down on last week but still high at Preston (77). Accumulated numbers are noticeably above the 10-yr mean at Preston and other northern sites, but this is not so further south.

Grain aphid (<i>Sitobion avenae</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	1	3	4	8	7
Gogarbank (Edinburgh)	*14	↓	8	3	60	10	7
Newcastle	1	↑	2	3	7	7	10
York	18	↓	8	/	62	15	/
Preston	*21	↑	14	7	146	17	19
Kirton	0		1	2	9	10	10
Broom's Barn (nr Bury St Edmunds)	0	↓	3	3	10	22	10
Wellesbourne	0	↓	9	6	10	37	33
Hereford	0	↓	2	4	16	14	15
Rothamsted (Harpenden)	1	↑	2	3	9	17	9
Writtle	*1	↑	0	2	1	19	9
Silwood Park (nr Ascot)	0	↓	3	6	5	18	18
Wye	0	↓	0	1	4	39	13
Starcross (nr Exeter)	2		6	10	32	34	33

The grain aphid was caught at eight sites this week, with highest numbers at Edinburgh (14), York (18) and Preston (21). Accumulated numbers are highest at Edinburgh and Preston compared to the 10-yr means.

Peach–potato aphid (<i>Myzus persicae</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	0	1	2	1	1
Gogarbank (Edinburgh)	*9	↓	0	1	35	0	2
Newcastle	4	↓	2	2	15	3	5
York	*82	↑	139	/	206	153	/
Preston	0	↓	60	14	4	62	19
Kirton	12	↓	28	17	226	56	38
Broom's Barn (nr Bury St Edmunds)	8	↓	190	79	996	246	229
Wellesbourne	11	↓	979	199	638	1142	310
Hereford	18	↓	371	54	189	429	82
Rothamsted (Harpenden)	11	↓	132	29	156	240	113
Writtle	*5	↓	153	57	57	351	216
Silwood Park (nr Ascot)	0	↓	18	12	15	45	31
Wye	14	↓	21	16	109	48	79
Starcross (nr Exeter)	14	↑	2	9	77	44	49

The peach–potato aphid was caught at twelve sites this week, with numbers decreasing at eleven sites and highest numbers at York (82). Accumulated numbers are above the 10-yr means across central England.

Potato aphid (<i>Macrosiphum euphorbiae</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	2	2	7	7	4
Gogarbank (Edinburgh)	*8	↓	4	6	55	8	12
Newcastle	3	↓	0	2	26	3	7
York	0	↓	0	/	31	5	/
Preston	*0	↓	8	4	27	21	12
Kirton	4	↓	2	1	60	12	7
Broom's Barn (nr Bury St Edmunds)	0	↓	4	1	15	4	7
Wellesbourne	0	↓	1	3	50	8	13
Hereford	1	↓	11	5	80	19	14
Rothamsted (Harpenden)	0	↓	6	2	8	12	8
Writtle	*1	↓	4	3	50	16	16
Silwood Park (nr Ascot)	0		4	2	8	15	12
Wye	1	↑	0	1	19	2	5
Starcross (nr Exeter)	4	↓	2	6	32	4	21

The potato aphid was caught at eight sites this bulletin week, with numbers decreasing at most sites. Accumulated numbers are above the 10-yr means for this time of year at many sites.

Cabbage aphid (<i>Brevicoryne brassicae</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*2	↑	0	0	2	0	0
Gogarbank (Edinburgh)	*0	↓	1	1	13	1	1
Newcastle	1		0	3	2	0	3
York	0		35	/	0	37	/
Preston	*0	↓	86	13	8	86	19
Kirton	0	↓	12	6	6	58	25
Broom's Barn (nr Bury St Edmunds)	0	↓	18	5	97	34	21
Wellesbourne	1	↓	899	156	33	1027	236
Hereford	0	↓	833	95	59	893	139
Rothamsted (Harpenden)	0		5	1	0	7	11
Writtle	*0	↓	12	9	9	39	78
Silwood Park (nr Ascot)	0		3	4	4	9	17
Wye	1	↑	2	1	1	21	15
Starcross (nr Exeter)	3	↓	1	7	49	9	39

The mealy cabbage aphid was caught at five sites this week in very low numbers.

Willow-carrot aphid (<i>Cavariella aegopodii</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*11	↑	9	14	14	109	63
Gogarbank (Edinburgh)	*5	↓	49	33	67	74	59
Newcastle	0	↓	3	19	71	4	44
York	2	↓	141	/	687	271	/
Preston	*28	↓	732	141	455	972	489
Kirton	8	↓	198	65	961	536	462
Broom's Barn (nr Bury St Edmunds)	2	↓	191	86	566	367	660
Wellesbourne	3	↓	220	100	893	353	357
Hereford	14	↓	67	38	819	116	323
Rothamsted (Harpenden)	1	↓	91	44	129	206	342
Writtle	*1	↓	114	65	245	449	871
Silwood Park (nr Ascot)	2	↓	31	28	113	115	219
Wye	0	↓	35	35	154	212	340
Starcross (nr Exeter)	5	↓	11	19	148	115	112

The willow-carrot aphid was caught at twelve sites this week, but numbers have decreased at all of them except Dundee. The highest numbers were at Preston (28).

Pea aphid (<i>Acyrtosiphon pisum</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		0	0	0	0	0
Gogarbank (Edinburgh)	*0	↓	1	1	2	1	2
Newcastle	1	↑	1	1	1	1	1
York	0		1	/	1	6	/
Preston	*0	↓	4	1	5	6	3
Kirton	0	↓	16	4	16	25	8
Broom's Barn (nr Bury St Edmunds)	1	↓	33	14	22	57	24
Wellesbourne	0	↓	87	17	2	140	34
Hereford	3	↓	21	7	27	91	21
Rothamsted (Harpenden)	1		18	9	5	98	31
Writtle	*2	↓	17	12	33	93	37
Silwood Park (nr Ascot)	0	↓	3	11	9	47	29
Wye	0	↓	6	3	13	28	12
Starcross (nr Exeter)	3	↓	3	8	18	26	29

The pea aphid was caught in low numbers at six sites this week.

Black bean aphid (<i>Aphis fabae</i>)	Bulletin Week Totals		05/06-11/06		Accumulated until		11/06
	2017	Compared to last Bulletin week	2016	10-year average 2007-16	2017	2016	10-year average 2007-16
Dundee	*0		0	0	0	2	2
Gogarbank (Edinburgh)	*0	↓	3	1	7	3	2
Newcastle	0		0	0	0	0	0
York	1	↑	0	/	8	0	/
Preston	*0		0	0	2	1	2
Kirton	0		1	0	0	3	1
Broom's Barn (nr Bury St Edmunds)	20	↓	0	2	49	1	7
Wellesbourne	3	↑	0	2	7	0	6
Hereford	0		0	4	3	0	6
Rothamsted (Harpenden)	3	↓	1	4	17	3	10
Writtle	*7	↓	0	3	33	0	9
Silwood Park (nr Ascot)	0	↓	8	7	5	8	14
Wye	1	↓	0	3	17	0	6
Starcross (nr Exeter)	2	↓	77	17	29	92	26

The black bean aphid was caught in low numbers at seven sites this week, with highest numbers at Broom's Barn (20). Accumulated numbers are above the 10-yr means for this time of year at Broom's Barn and most of southern England.

Further information

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

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