


WEEK ENDING

7th August 2017

Site	Activity report	Current status:									
Ballymena	Low risk: No aphids recorded during this period										
Ballymoney	Low risk: No aphids recorded during this period										
Kilkeel	Low risk: 2 <i>Rhoplaosiphum padi</i> (Bird-cherry oat aphid) recorded at this site.										
Loughgall	Low risk: No aphids of significance recorded during this period										
Rathfriland	Low risk: 1 <i>Rhoplaosiphum padi</i> (Bird-cherry oat aphid) recorded at this site.										
Strabane	Low risk: 1 <i>Sitobion avenae</i> recorded during this period										
		<table border="1"> <tr> <td rowspan="4">Key</td> <td>LOW RISK</td> <td>Low virus vector activity, no action required</td> </tr> <tr> <td>LOW RISK</td> <td>Low virus vector activity, no action required</td> </tr> <tr> <td>LOW RISK</td> <td>Low virus vector activity, no action required</td> </tr> <tr> <td>LOW RISK</td> <td>Low virus vector activity, no action required</td> </tr> </table>	Key	LOW RISK	Low virus vector activity, no action required	LOW RISK	Low virus vector activity, no action required	LOW RISK	Low virus vector activity, no action required	LOW RISK	Low virus vector activity, no action required
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Kilkeel

Week ending:

Aphid Species	Common Name	PVY Index	29-May		05-Jun		12-Jun		19-Jun		26-Jun		03-Jul		10-Jul		17-Jul		24-Jul		31-Jul		07-Aug		14
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50	2	1.00	2	1.00																			
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40	1	0.40			2	0.80													1	0.40	1	0.40	
<i>Sitobion avenae</i>	Grain Aphid	0.60																							
<i>Myzus persicae</i>	Peach-potato Aphid	1.00	1	1.00	2	2.00			7	7.00							1	1.00			2	2.00			
<i>Cavariella pastinacea</i>		0.00			2	0.00																			
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70							1	0.70															
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21	2	0.42																					
<i>Microlophium evansi</i>		0.00																							
<i>Hyperomyzus lactucae</i>	Currant-sowthistle Aphid	0.16																							
<i>Macrosiphum euphorbiae</i>	Potato Aphid	0.20					1	0.20																	
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00																							
<i>Sitobion fragariae</i>	Blackberry-cereal Aphid	0.00																							
<i>Metopolophium dirhodum</i>	Rose-Grain Aphid	0.30																							
<i>Aphis fabae</i>	Black-bean Aphid	0.10																							
<i>Capitophorus similis</i>		0.00																							
<i>Aphis rumicis</i>		0.00							3	0.00															
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01							4	0.04															
<i>Hyadaphis foeniculi</i>		0.00																							
<i>Rhopalomyzus poae</i>		0.00																							
<i>Uromelan</i> spp.		0.00																							
<i>Acyrtosiphon primulae</i>		0.00																							
<i>Rhopalosiphoninus staphyleae</i>		0.00																							
<i>Hyalopterus pruni</i>		0.00																							
<i>Tetraneura ulmi</i>		0.00																							
<i>Anoecia</i> spp.		0.00																							
Others		0.00			4	0.00	4	0.00			1	0.00	2	0.00											
Weekly Index				2.82		3.00		1.00		7.74		0.00		0.00		0.00		1.00		0.00		2.40		0.40	
Cumulative Index				2.82		5.82		6.82		14.56		14.56		14.56		14.56		15.56		15.56		17.96		18.36	

Loughgall

Week ending:

Aphid Species	Common Name	PVY Index	29-May	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug		
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			1	0.50	11	5.50	67	33.50	5	2.50	10	5.00	
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40			4	1.60									
<i>Sitobion avenae</i>	Grain Aphid	0.60													
<i>Myzus persicae</i>	Peach-potato Aphid	1.00													
<i>Cavariella pastinacea</i>		0.00			3	0.00									
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70													
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21													
<i>Microlophium evansi</i>		0.00			1	0.00									
<i>Hyperomyzus lactucae</i>	Currant-sowthistle Aphid	0.16			1	0.16									
<i>Macrosiphum euphorbiae</i>	Potato Aphid	0.20			18	3.60									
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00			1	0.00									
<i>Sitobion fragariae</i>	Blackberry-cereal Aphid	0.00													
<i>Metopolophium dirhodum</i>	Rose-Grain Aphid	0.30							4	1.20					
<i>Aphis fabae</i>	Black-bean Aphid	0.10													
<i>Capitophorus similis</i>		0.00				1	0.00								
<i>Aphis rumicus</i>		0.00			5	0.00	30	0.00		12	0.00	2	0.00		
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01						1	0.01						
<i>Cavariella theobaldi</i>		0.00				4	0.00								
<i>Tuberculatus annulatus</i>	Common-Oak Aphid	0.00				29	0.00	13	0.00						
<i>Amphorophora rubi</i>	Large Blackberry Aphid	0.00				14	0.00								
<i>Dactynotus</i> spp.		0.00										1	0.00		
Others		0.00			9	0.00	2	0.00	35	0.00		2	0.00	1	0.00
Weekly Index			0.00	0.00	5.86	5.50	33.51	2.50	6.20	0.00	0.00	0.00	0.00		
Cumulative Index			0.00	0.00	5.86	11.36	44.87	47.37	53.57	53.57	53.57	53.57	53.57		

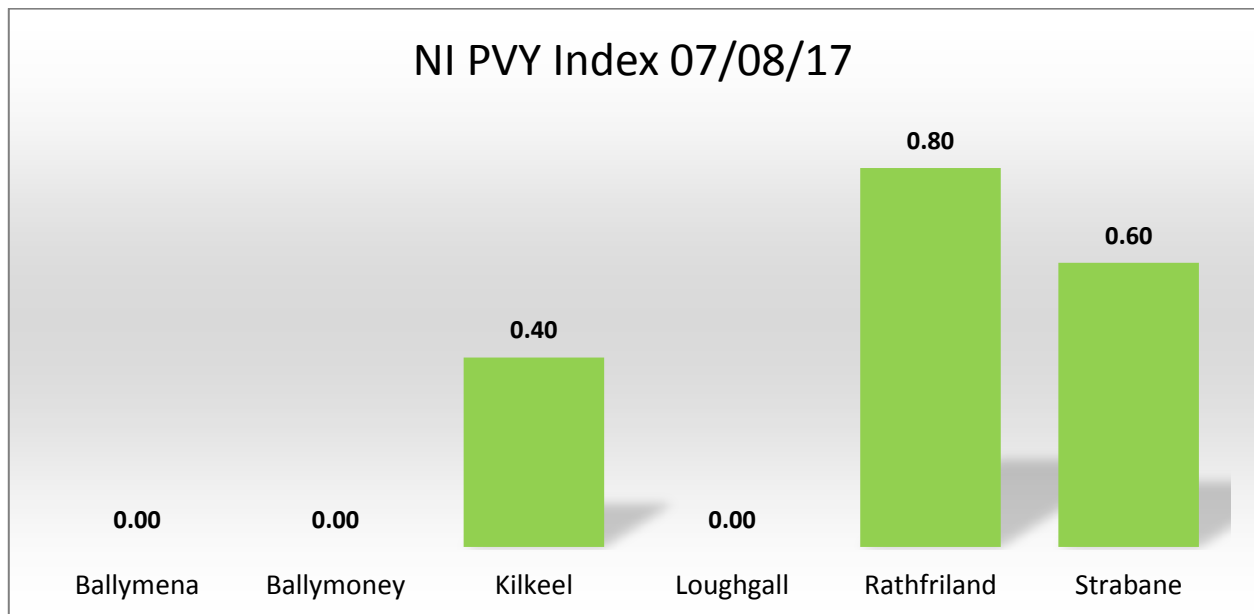
Rathfriland

Week ending:

Aphid Species	Common Name	PVY Index	29-May	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50		6 3.00	3 1.50		1 0.50		1 0.50		1 0.50		
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40		3 1.20	4 1.60							1 0.40	2 0.80
<i>Sitobion avenae</i>	Grain Aphid	0.60											
<i>Myzus persicae</i>	Peach-potato Aphid	1.00		3 3.00		1 1.00							
<i>Cavariella pastinacea</i>		0.00											
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70					1 0.70						
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21			1 0.21								
<i>Microlophium evansi</i>		0.00			1 0.00								
<i>Hyperomyzus lactucae</i>	Currant-sowthistle Aphid	0.16			1 0.16								
<i>Macrosiphum euphorbiae</i>	Potato Aphid	0.20		2 0.40	1 0.20								
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00											
<i>Sitobion fragariae</i>	Blackberry-cereal Aphid	0.00				1 0.00							
<i>Metopolophium dirhodum</i>	Rose-Grain Aphid	0.30		9 2.70	1 0.30	1 0.30							
<i>Aphis fabae</i>	Black-bean Aphid	0.10											
<i>Aphis rumicus</i>		0.00				1 0.00							
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01				1 0.01							
<i>Myzus ornatus</i>		0.00											
<i>Macrosiphum rosae</i>		0.00											
<i>Cavariella theobaldi</i>		0.00											
<i>Hyadaphis foeniculi</i>		0.00											
<i>Sipha glyceriae</i>		0.00											
<i>Pemphigus spp.</i>		0.00											
Others		0.00		23 0.00	4 0.00			2 0.00	1 0.00	4 0.00			
Weekly Index			0.00	10.30	3.97	1.31	1.20	0.00	0.50	0.00	0.50	0.40	0.80
Cumulative Index			0.00	10.30	14.27	15.58	16.78	16.78	17.28	17.28	17.78	18.18	18.98

Summary for the seven days up to and including 07/08/17

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	0.3	0	0.67	2
North Scotland	5	0.54	0.4	1.4	5
Grampian	12	0.67	0.33	2.5	13
Angus & Perthshire	4	0.8	0.75	3	6
Borders	4	0.45	0.5	2.25	8
Northern England	4	0.18	0	0.5	2
Midlands					
East Anglia	1	0	0	0	0
South-West	1	0	0	0	0
Total	37	0.53	0.35	1.94	20



NI Cumulative PVY Index 2017

