



WEEK ENDING

# 11th September 2017 - **FINAL WEEK**

Site	Activity report	Current status:
<b>Ballymena</b>	Low risk: 1 <i>Rhopalosiphum padi</i> (Bird-cherry oat aphid) recorded during this period.	
<b>Ballymoney</b>	No sample received.	
<b>Kilkeel</b>	No sample received.	
<b>Loughgall</b>	No sample received.	
<b>Rathfriland</b>	High risk: 41 <i>Rhopalosiphum padi</i> (Bird-cherry oat aphid) recorded during this period consistent with other trapping records. Potential virus transmission should be mitigated due to mature plant resistance and crop burn off.	
<b>Strabane</b>	No sample received.	

Key	<b>LOW RISK</b>	Low virus vector activity, no action required
	<b>MODERATE RISK</b>	Increased vigilance and monitoring of aphid populations required
	<b>HIGH RISK</b>	Severe risk of PVY transmission by aphids
	<b>NO SAMPLE</b>	No sample received for this location

# Ballymena

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-Aug	21-Aug	28-Aug	04-Sep	11-Sep			
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			3	1.50	2	1.00													
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40			1	0.40											13	5.20	1	0.40	
<i>Sitobion avenae</i>	Grain Aphid	0.60			1	0.60															
<i>Myzus persicae</i>	Peach-potato Aphid	1.00					1	1.00													
<i>Cavariella pastinacea</i>		0.00																			
<i>Acyrthosiphon 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			1	0.20	2	0.40													
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00			1	0.00								2	0.00	4	0.00		1	0.20	
<i>Sitobion fragariae</i>	Blackberry-cereal Aphid	0.00																	2	0.00	
<i>Metopolophium dirhodum</i>	Rose-Grain Aphid	0.30			1	0.30		1	0.30												
<i>Aphis fabae</i>	Black-bean Aphid	0.10																			
<i>Aphis rumicus</i>		0.00			2	0.00															
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01			1	0.01															
<i>Capitophorus homi</i>		0.00																			
<i>Capitophorus similis</i>		0.00																			
<i>Phyllaphis faqi</i>		0.00																			
<i>Chaitophorus populeti</i>		0.00																			
<i>Rhopalosiphoninus staphyleae</i>		0.00																			
<i>Cavariella theobaldi</i>		0.00			1	0.00															
<i>Euceraphis punctipennis</i>		0.00																			
<i>Tuberculatus borealis</i>		0.00																			
<i>Uromelan spp.</i>		0.00																			
<i>Hyadaphis foeniculi</i>		0.00																			
<i>Ovatus insitus</i>		0.00							3	0.00											
Others		0.00			3	0.00	2	0.00			2	0.00				1	0.00	1	0.00	1	0.00
<b>Weekly Index</b>			0.00	0.00	3.17	0.40	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40	0.40		
<b>Cumulative Index</b>			0.00	0.00	3.17	3.57	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	11.27	11.67		

# 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	14-Aug	21-Aug	28-Aug	04-Sep	11-Sep
<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				1 0.40	41 16.40
<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												1 0.20	
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00														2 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 omatus</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						2 0.00		2 0.00
<b>Weekly Index</b>			<b>0.00</b>	<b>10.30</b>	<b>3.97</b>	<b>1.31</b>	<b>1.20</b>	<b>0.00</b>	<b>0.50</b>	<b>0.00</b>	<b>0.50</b>	<b>0.40</b>	<b>0.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.60</b>	<b>16.40</b>
<b>Cumulative Index</b>			<b>0.00</b>	<b>10.30</b>	<b>14.27</b>	<b>15.58</b>	<b>16.78</b>	<b>16.78</b>	<b>17.28</b>	<b>17.28</b>	<b>17.78</b>	<b>18.18</b>	<b>18.98</b>	<b>18.98</b>	<b>18.98</b>	<b>18.98</b>	<b>19.58</b>	<b>35.98</b>

**Summary for the seven days up to and including 11/09/17**

<b>Region</b>	<b>Samples</b>	<b>Mean PVY Index per Sample</b>	<b>Mean Colonising Aphids per Sample</b>	<b>Mean Aphids per Sample</b>	<b>Total Aphids Species</b>
<b>Northern Ireland</b>	<b>2</b>	<b>8.4</b>	<b>0</b>	<b>22.5</b>	<b>4</b>
<b>Total</b>	<b>2</b>	<b>8.40</b>	<b>0.00</b>	<b>22.50</b>	<b>4</b>