



WEEK ENDING

3rd July 2017

Site	Activity report	Current status:								
<b>Ballymena</b>	Low risk: No aphids recorded during this period.									
<b>Ballymoney</b>	Low risk: Only two aphids recorded during this period, both aphids unidentifiable.									
<b>Kilkeel</b>	Low risk: Only two aphids recorded during this period.									
<b>Loughgall</b>	Moderate risk: 5 <i>Cavariella aegopodii</i> recorded and 12 <i>Aphis rumicus</i> (not of any PVY significance).									
<b>Rathfriland</b>	Low risk: Only two aphids recorded during this period.									
<b>Strabane</b>	Low risk: Only three aphids recorded during this period.									
<b>Key</b>		<table border="1"> <tr> <td><b>LOW RISK</b></td> <td>Low virus vector activity, no action required</td> </tr> <tr> <td><b>MODERATE RISK</b></td> <td>Increased vigilance and monitoring of aphid populations required</td> </tr> <tr> <td><b>HIGH RISK</b></td> <td>Severe risk of PVY transmission by aphids</td> </tr> <tr> <td><b>NO SAMPLE</b></td> <td>No sample received for this location</td> </tr> </table>	<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
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<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	
<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										
<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>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					1	0.20	2	0.40								
<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					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 horni</i>		0.00																
<i>Capitophorus similis</i>		0.00																
<i>Phyllaphis fagi</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</i> spp.		0.00																
<i>Hyadaphis foeniculi</i>		0.00																
<i>Ovatus insitus</i>		0.00																
Others		0.00					3	0.00			2	0.00						
<b>Weekly Index</b>			0.00	0.00			3.17	0.40			2.30	0.00			0.00		0.00	0.00
<b>Cumulative Index</b>			0.00	0.00			3.17	3.57			5.87	5.87			5.87		5.87	5.87



# 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	
<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										
<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								
<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 rumicus</i>		0.00							3	0.00								
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01							4	0.04								
<i>Hyadahis 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				
<b>Weekly Index</b>				2.82		3.00		1.00		7.74		0.00		0.00		0.00		0.00
<b>Cumulative Index</b>				2.82		5.82		6.82		14.56		14.56		14.56		14.56		14.56

# 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						
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			1	0.50	11	5.50	67	33.50	5	2.50				
<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														
<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				
<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								
Others		0.00			9	0.00	2	0.00	35	0.00						
<b>Weekly Index</b>			0.00	0.00	5.86		5.50		33.51		2.50		0.00		0.00	
<b>Cumulative Index</b>			0.00	0.00	5.86		11.36		44.87		47.37		47.37		47.37	



# Strabane

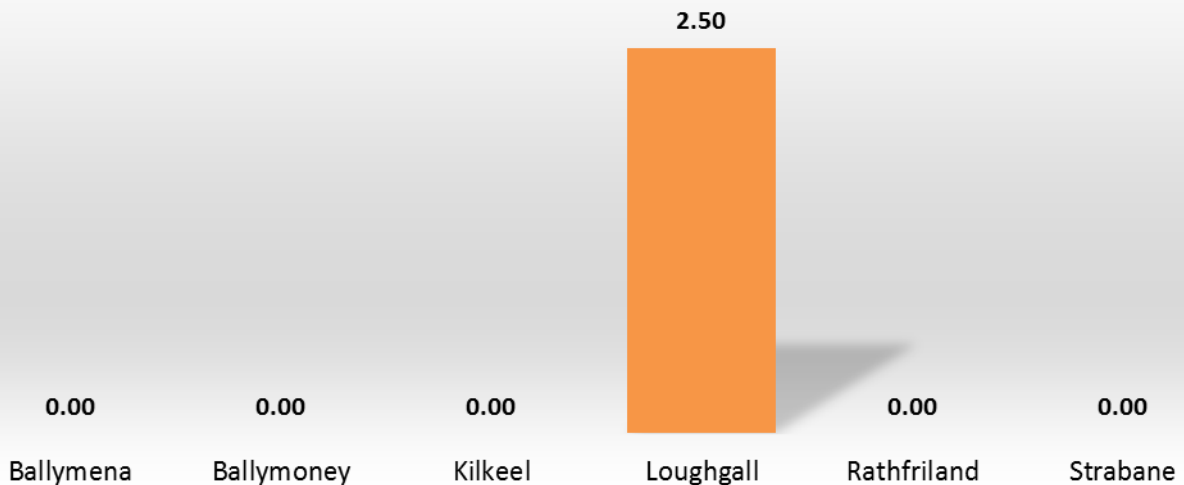
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Aphid Species	Common Name	PVY Index	29-May	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul		
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			4	2.00						
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40										
<i>Sitobion avenae</i>	Grain Aphid	0.60			2	1.20						
<i>Myzus persicae</i>	Peach-potato Aphid	1.00										
<i>Cavariella pastinacea</i>		0.00			1	0.00						
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70					6	0.42				
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21			1	0.21						
<i>Microlophium evansi</i>		0.00			23	0.00	15	0.00				
<i>Hyperomyzus lactucae</i>	Currant-sowthistle Aphid	0.16					1	0.16				
<i>Macrosiphum euphorbiae</i>	Potato Aphid	0.20			4	0.80						
<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					1	0.30				
<i>Aphis fabae</i>	Black-bean Aphid	0.10										
<i>Aphis rumicus</i>		0.00										
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01										
<i>Phyllaphis fagi</i>		0.00										
<i>Cavariella theobaldi</i>		0.00										
<i>Megoura viciae</i>		0.00										
<i>Ovatus insitus</i>		0.00			7	0.00						
<i>Amphorophora rubi</i>	Large Blackberry Aphid	0.00					25	0.00				
<i>Uromelan</i> spp.		0.00					1	0.00				
<i>Acyrtosiphon primulae</i>		0.00					1	0.00				
Others		0.00			5	0.00	3	0.00	28	0.00	3	0.00
<b>Weekly Index</b>			0.00	0.00	4.21	0.00	0.88	0.00	0.00	0.00		
<b>Cumulative Index</b>			0.00	0.00	4.21	4.21	5.09	5.09	5.09	5.09		

## Summary for the seven days up to and including 03/07/17

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
<b>Northern Ireland</b>	<b>6</b>	<b>0.42</b>	<b>0.84</b>	<b>4.34</b>	<b>3</b>
North Scotland	10	1.31	1.2	4.4	18
Grampian	16	0.79	0.63	2.13	18
Angus & Perthshire	6	2.4	2.67	3	4
Borders	4	0.9	0.75	2.25	7
Northern England	16	14.58	13.13	47.06	23
Midlands	5	80.11	69.2	214	26
East Anglia	7	2.06	1	10.14	12
South-West	7	28.63	9.29	196.86	19
<b>TOTAL</b>	<b>77</b>	<b>14.58</b>	<b>10.97</b>	<b>53.80</b>	<b>44</b>

### NI PVY Index 03/07/17



### NI Cumulative PVY Index 2017

