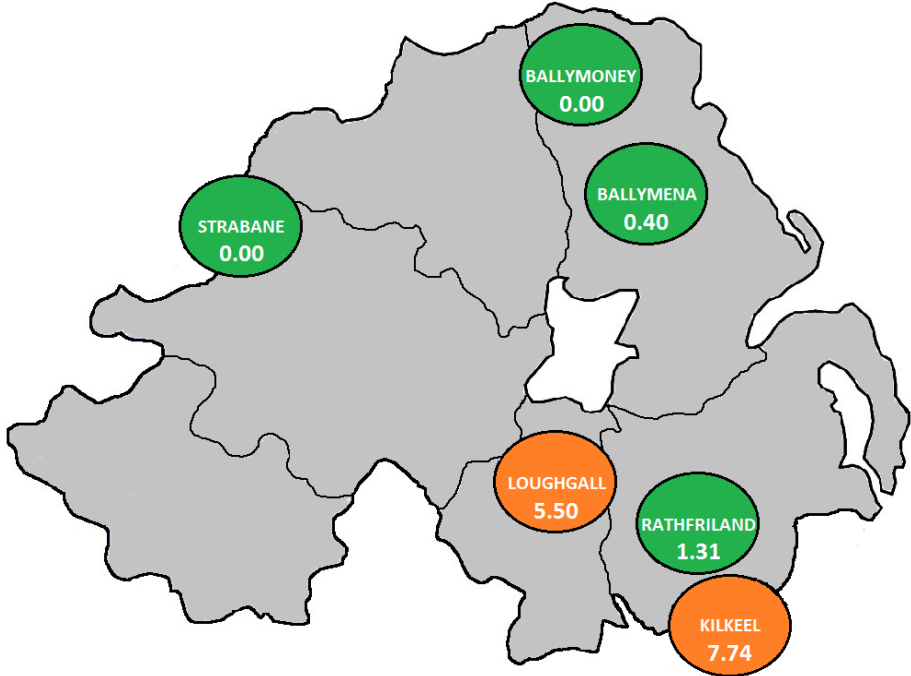


WEEK ENDING

19th June 2017

Site	Activity report	Current status:
Ballymena	Low risk: 2 <i>Macrosiphum euphorbiae</i> (Potato aphid) recorded during this period. Only three aphids in total recorded at this site.	
Ballymoney	Low risk: No aphids recorded during this period.	
Kilkeel	Moderate risk: Considerable increase in virus vector presence during this period. 7 <i>Myzus persicae</i> (Peach-potato aphid) and 4 <i>Brevicoryne brassicae</i> (Cabbage aphid) recorded, also 1 <i>Acyrtosiphon pisum</i> (Pea aphid).	
Loughgall	Moderate risk: 14 <i>Macrosiphum euphorbiae</i> (Potato aphid) and 30 <i>Aphis rumicis</i> (Dock aphid) recorded at this site. Also large numbers of <i>Tuberculatus annulatus</i> (Common-Oak aphid) present.	
Rathfriland	Low risk: Very low aphid numbers, 1 <i>Myzus persicae</i> (Potato aphid), 1 <i>Metopolophium dirhodum</i> (Rose-grain aphid) and 1 <i>Brevicoryne brassicae</i> (Cabbage aphid) only aphids of significance.	
Strabane	Low risk: Moderate numbers of <i>Microlophium evansi</i> (Nettle aphid) and <i>Amphorophora rubi</i> (Large blackberry aphid) recorded during this period. No PVY risk associated with these aphids.	

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

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										
Weekly Index				2.82		3.00		1.00		7.74		0.00		0.00		0.00		0.00
Cumulative Index				2.82		5.82		6.82		14.56		14.56		14.56		14.56		14.56

Rathfriland

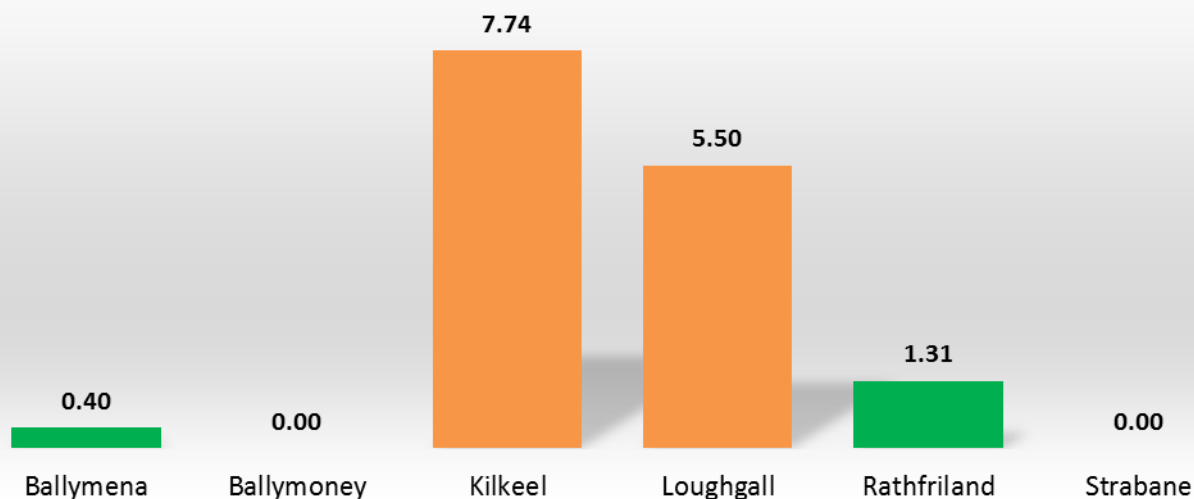
Week ending:

Aphid Species	Common Name	PVY Index	29-May		05-Jun		12-Jun		19-Jun		26-Jun		03-Jul		10-Jul		17-Jul	
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			6	3.00	3	1.50										
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40			3	1.20	4	1.60										
<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																
<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 platanooides</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>																		
Others		0.00			23	0.00	4	0.00										
Weekly Index					0.00	10.30		3.97		1.31		0.00		0.00		0.00		0.00
Cumulative Index					0.00	10.30		14.27		15.58		15.58		15.58		15.58		15.58

Summary for the seven days up to and including 19/06/17

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	2.49	1.67	26.5	20
North Scotland	10	3.08	3.6	20.8	17
Grampian	13	6.91	7.85	15.54	23
Angus & Perthshire	7	5.38	5.86	10	19
Borders	4	6.5	6.5	10.75	12
Northern England	14	28.03	26.43	37.21	28
Midlands	6	63.94	59.83	107.83	30
East Anglia	8	5.41	4.63	12.38	24
South-West	11	2.89	1	17.09	22
TOTAL	79	14.18	13.45	27.1	43

NI PVY Index 19/06/17



NI Cumulative PVY Index 2017

