



WEEK ENDING

17th July 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: 1 <i>Myzus persicae</i> recorded (PVY index of 1.00)	
Loughgall	Low risk: No aphids recorded during this period	
Rathfriland	Low risk: 4 aphids recorded during this period (none of which were identifiable)	
Strabane	Low risk: No aphids recorded during this period	

Key	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		24-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							1	1.00		
<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						
Weekly Index				2.82		3.00		1.00		7.74		0.00		0.00		0.00		1.00		0.00
Cumulative Index				2.82		5.82		6.82		14.56		14.56		14.56		14.56		15.56		15.56

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		24-Jul	
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50			6	3.00	3	1.50			1	0.50			1	0.50				
<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									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		0.00	
Cumulative Index			0.00		10.30		14.27		15.58		16.78		16.78		17.28		17.28		17.28	

Strabane

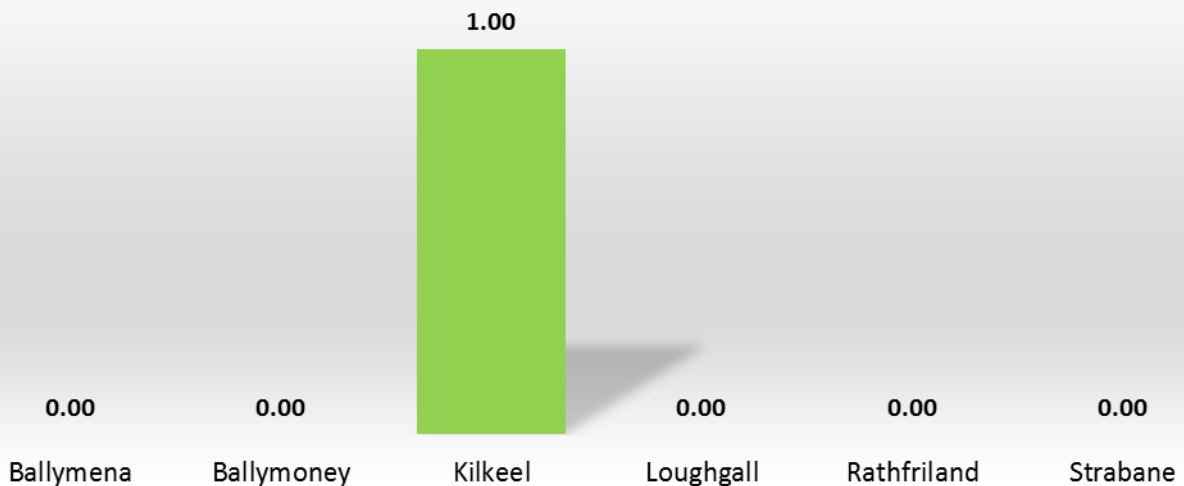
Week ending:

Aphid Species	Common Name	PVY Index	29-May	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul	24-Jul	
<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 spp.</i>		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
Weekly Index			0.00	0.00	4.21	0.00	0.88	0.00	0.00	0.00	0.00	
Cumulative Index			0.00	0.00	4.21	4.21	5.09	5.09	5.09	5.09	5.09	

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

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	0.17	0.17	0.83	2
North Scotland	9	1.06	1.11	3.22	16
Grampian	14	5.06	4.79	7.14	20
Angus & Perthshire	8	0.13	0.13	0.5	4
Borders	6	0.1	0	0.83	5
Northern England	7	1.1	0.14	13.71	11
East Anglia	8	0.93	0	10.13	12
South-West	6	1.07	0.5	6.5	14
Midlands	-	-	-	-	-
Total	64	1.20	0.86	5.36	33

NI PVY Index 17/07/17



NI Cumulative PVY Index 2017

