



WEEK ENDING

21st August 2017

Site	Activity report	Current status:
Ballymena	Low risk: No aphids of significance recorded during this period	
Ballymoney	Low risk: No aphids recorded during this period	
Kilkeel	Low risk: No aphids recorded during this period	
Loughgall	Low risk: No aphids recorded during this period	
Rathfriland	Low risk: No aphids recorded during this period	
Strabane	Low risk: No aphids of significance 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		31-Jul		07-Aug		14-Aug		21-Aug	
<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>Diuraphis radicum</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											1	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		0.00		0.00
Cumulative Index				2.82		5.82		6.82		14.56		14.56		14.56		14.56		15.56		15.56		17.96		18.36		18.36		18.36

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			
<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 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>		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		0.00		0.00		0.00	
Cumulative Index			0.00		10.30		14.27		15.58		16.78		16.78		17.28		17.28		17.28		17.78		18.18		18.98		18.98		18.98	

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	31-Jul	07-Aug	14-Aug	21-Aug		
<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							1	0.60			
<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 platanooides</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		1	0.00	2	0.00
Weekly Index			0.00	0.00	4.21	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00		
Cumulative Index			0.00	0.00	4.21	4.21	5.09	5.09	5.09	5.09	5.09	5.09	5.69	5.69	5.69		

Summary for the seven days up to and including 21/08/17

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	0	0	1	3
Angus & Perthshire	1	1	1	1	1
East Anglia	1	0	0	0	0
Total	8	0.50	0.50	0.50	1

NI PVY Index 21/08/17



NI Cumulative PVY Index 2017

