



WEEK ENDING

5th October Week 18

Site	Activity report	Current status:								
Ballymena	High risk: 30 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid) recorded at this site.									
Ballymoney	High risk: 673 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid) recorded at this site.									
Kilkeel	Moderate risk: 7 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid) recorded at this site.									
Loughgall	No sample received.									
Rathfriland	Moderate risk: 11 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid) and 1 <i>Myzus persicae</i> (Peach-potato Aphid) recorded at this site.									
Strabane	No sample received.									
Key		<table border="1"> <tr> <td>LOW RISK</td> <td>Low virus vector activity, no action required</td> </tr> <tr> <td>MODERATE RISK</td> <td>Increased vigilance and monitoring of aphid populations required</td> </tr> <tr> <td>HIGH RISK</td> <td>Severe risk of PVY transmission by aphids</td> </tr> <tr> <td>NO SAMPLE</td> <td>No sample received for this location</td> </tr> </table>	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
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Rathfriland

Week ending:

Aphid Species	Common Name	PVY Index	01-Jun	08-Jun	15-Jun	22-Jun	29-Jun	06-Jul	13-Jul	20-Jul	27-Jul	03-Aug	10-Aug	17-Aug	24-Aug	31-Aug	07-Sep	14-Sep	21-Sep	28-Sep	05-Oct	Total PVY Index				
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50		4	2.00	5	2.50			3	1.50											6.00				
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40			1	0.40	2	0.80	2	0.80					3	1.20	2	0.80	1	0.40	2	0.80	9.60			
<i>Sitobion avenae</i>	Grain Aphid	0.60								1	0.60	3	1.80	1	0.60								3.00			
<i>Myzus persicae</i>	Peach-potato Aphid	1.00		1	1.00	3	3.00	2	2.00			3	3.00	1	1.00	1	1.00	9	9.00			1	1.00	20.00		
<i>Cavariella pastinacea</i>		0.00	1	0.00					6	0.00				1	0.00	1	0.00	3	0.00							
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70			1	0.70					1	0.70				1	0.70						2.10			
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21																								
<i>Microlophium evansi</i>		0.00			1	0.00	7	0.00		1	0.00															
<i>Hyperomyzus lactucae</i>	Currant-sowthistle Aphid	0.16			1	0.16	1	0.16			10	1.60											1.92			
<i>Macrosiphum euphorbiae</i>	Potato Aphid	0.20	1	0.20	4	0.80	4	0.80	2	0.40		1	0.20	3	0.60	1	0.20	1	0.20	7	1.40	2	0.40	5.80		
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00			1	0.00	4	0.00	6	0.00				1	0.00	4	0.00		3	0.00	1	0.00	1	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	1	0.30	4	1.20	4	1.20			3	0.90											11.40			
<i>Aphis fabae</i>	Black-bean Aphid	0.10								2	0.20	10	1.00	12	1.20	2	0.20	6	0.60				3.20			
<i>Aphis rumicis</i>		0.00							4	0.00		7	0.00	1	0.00		1	0.00								
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01							1	0.01		13	0.13	10	0.10	1	0.01						0.25			
<i>Myzus ornatus</i>		0.00																								
<i>Macrosiphum rosae</i>		0.00																								
<i>Cavariella theobaldi</i>		0.00				1	0.00				1	0.00														
<i>Hyadaphis foeniculi</i>		0.00																								
<i>Sipha glyceriae</i>		0.00																								
<i>Pemphigus spp.</i>		0.00																								
<i>Sitobion eastopi</i>		0.00		1	0.00																					
<i>Rhopalomyzus poae</i>		0.00		1	0.00																					
<i>Macrosiphoniella Spp</i>		0.00		1	0.00																					
<i>Phyllaphis fagi</i>		0.00			1	0.00	1	0.00																		
<i>Sitobion eastopi</i>		0.00			1	0.00																				
<i>Uromelan spp.</i>		0.00			1	0.00																				
<i>Macrosiphoniella persequens</i>		0.00			1	0.00																				
<i>Cryptomyzus Ribis</i>		0.00			1	0.00																				
<i>Capitophorus similis</i>		0.00				1	0.00											1	0.00			1	0.00			
<i>Myzocallis castanicola</i>		0.00						1	0.00																	
<i>Wahigreniella vaccinii</i>		0.00						1	0.00																	
<i>Phorodon humuli</i>		0.00						1	0.00																	
<i>Elatobium Abietinum</i>		0.00						1	0.00																	
<i>Thecabius affinis</i>		0.00									5	0.00		1	0.00	3	0.00		1	0.00						
<i>Cryptomyzus galeopsidis</i>		0.00								1	0.00				1	0.00										
<i>Capitophorus hippophaes</i>		0.00								1	0.00	1	0.00		1	0.00										
<i>Rhopalosiphum insertum</i>		0.00										1	0.00		2	0.00					2	0.00	1	0.00		
<i>Others</i>		0.00		1	0.00				1	0.00	1	0.00							1	0.00						
Weekly Index			0.50	5.00	8.76	3.36	2.30	3.20	2.51	2.00	19.83	5.40	1.61	1.00	1.40	0.80	0.40	0.80	0.40	4.00	5.40	67.27				
Cumulative Index			0.50	5.50	14.26	17.62	19.92	23.12	25.63	27.63	47.46	52.86	54.47	55.47	56.87	57.67	58.07	58.87	59.27	63.27	68.67	67.27				

Strabane

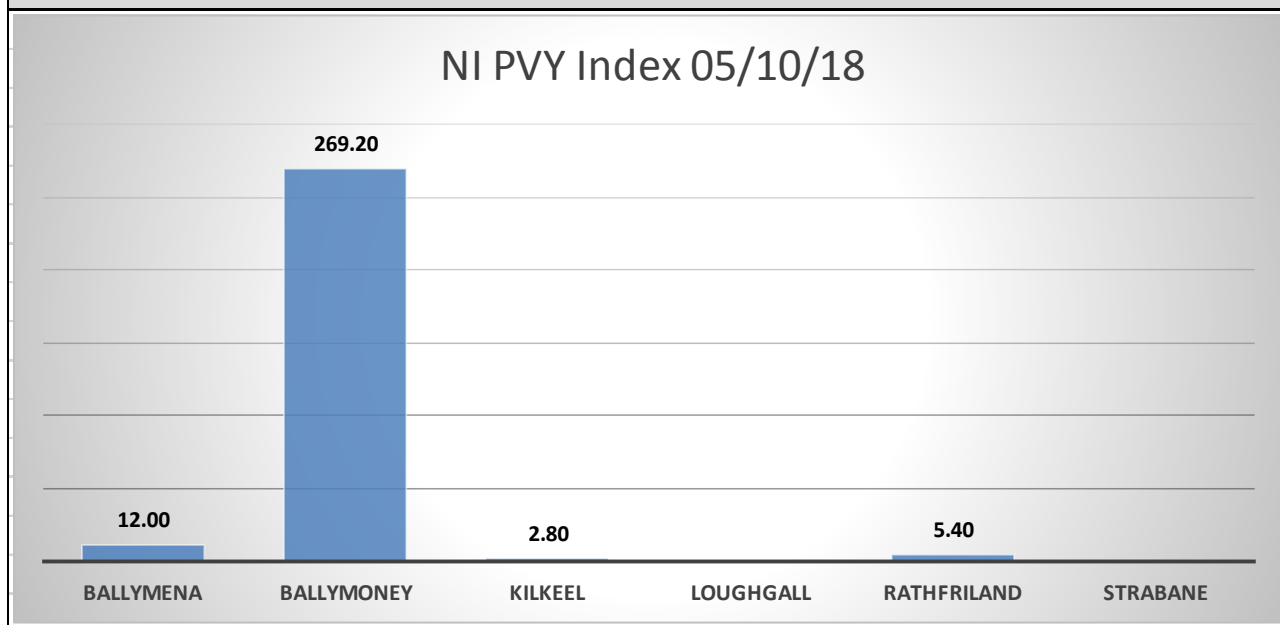
Week ending:

Aphid Species	Common Name	PVY Index	01-Jun	08-Jun	15-Jun	22-Jun	29-Jun	06-Jul	13-Jul	20-Jul	27-Jul	03-Aug	10-Aug	17-Aug	24-Aug	31-Aug	07-Sep	14-Sep	21-Sep	28-Sep	05-Oct	Total PVY Index	
<i>Cavariella aegopodii</i>	Willow-carrot Aphid	0.50		2	1.00																		1.00
<i>Rhopalosiphum padi</i>	Bird Cherry-Oat Aphid	0.40							2	0.80						1	0.40	1	0.40		3	1.20	2.80
<i>Sitobion avenae</i>	Grain Aphid	0.60			1	0.60		1	0.60		1	0.60	1	0.60									2.40
<i>Myzus persicae</i>	Peach-potato Aphid	1.00																					
<i>Cavariella pastinacea</i>		0.00									1	0.00	2	0.00									
<i>Acyrtosiphon pisum</i>	Pea Aphid	0.70			1	0.70																	0.70
<i>Brachycaudus helichrysi</i>	Leaf-Curling Plum Aphid	0.21																					
<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			2	0.40	1	0.20	2	0.40	1	0.20	4	0.80						2.20
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	0.00				1	0.00						4	0.00	1	0.00		1	0.00	2	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	2	0.60				1	0.30							1.20
<i>Aphis fabae</i>	Black-bean Aphid	0.10						1	0.10														0.10
<i>Aphis rumicis</i>		0.00			1	0.00		1	0.00	1	0.00						1	0.00					
<i>Brevicoryne brassicae</i>	Cabbage Aphid	0.01																					
<i>Phyllaphis fagi</i>		0.00			1	0.00																	
<i>Cavariella theobaldi</i>		0.00																					
<i>Megoura viciae</i>		0.00																					
<i>Ovatus insitus</i>		0.00																					
<i>Amphorophora rubi</i>	Large Blackberry Aphid	0.00																					
<i>Uromelan</i> spp.		0.00																					
<i>Acyrtosiphon primulae</i>		0.00																					
<i>Sipha glyceriae</i>		0.00				1	0.00																
<i>Myzocallis castanicola</i>		0.00				1	0.00																
<i>Tuberculatus borealis</i>		0.00						1	0.00														
<i>Sitobion eastopi</i>		0.00							1	0.00	1	0.00											
<i>Thecabius affinis</i>		0.00								1	0.00	2	0.00	1	0.00	1	0.00	1	0.00				
<i>Rhopalosiphum insertum</i>		0.00								1	0.00							2	0.00				
<i>Capitophorus similis</i>		0.00												1	0.00								
<i>Others</i>		0.00							1	0.00													
Weekly Index			0.00	1.20	1.30	0.00	0.00	1.40	1.60	0.40	0.80	1.40	0.30	0.00	0.00	0.40	0.40	0.00	0.00	1.20	0.00		
Cumulative Index			0.00	1.20	2.50	2.50	2.50	3.90	5.50	5.90	6.70	8.10	8.40	8.40	8.40	8.80	9.20	9.20	9.20	10.40	10.40		11.60

Summary for the seven days up to and including 05/10/18

	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	4	72.35	180.25	182.50	5
TOTAL	4	72.35	180.25	182.50	5

Northern Ireland WEEKLY Virus Threat 2018



Northern Ireland TOTAL Virus Threat 2018

