



WEEK ENDING

11th September 2017 - **FINAL WEEK**

Site	Activity report	Current status:
Ballymena	Low risk: 1 <i>Rhopalosiphum padi</i> (Bird-cherry oat aphid) recorded during this period.	
Ballymoney	No sample received.	
Kilkeel	No sample received.	
Loughgall	No sample received.	
Rathfriland	High risk: 41 <i>Rhopalosiphum padi</i> (Bird-cherry oat aphid) recorded during this period consistent with other trapping records. Potential virus transmission should be mitigated due to mature plant resistance and crop burn off.	
Strabane	No sample received.	

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

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	24-Jul	31-Jul	07-Aug	14-Aug	21-Aug	28-Aug	04-Sep	11-Sep			
<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											13	5.20	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>Acyrthosiphon 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								2	0.00	4	0.00		1	0.20	
<i>Sitobion fragariae</i>	Blackberry-cereal Aphid	0.00																	2	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 homi</i>		0.00																			
<i>Capitophorus similis</i>		0.00																			
<i>Phyllaphis faqi</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 spp.</i>		0.00																			
<i>Hyadaphis foeniculi</i>		0.00																			
<i>Ovatus insitus</i>		0.00							3	0.00											
Others		0.00			3	0.00	2	0.00			2	0.00				1	0.00	1	0.00	1	0.00
Weekly Index			0.00	0.00	3.17	0.40	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40	0.40		
Cumulative Index			0.00	0.00	3.17	3.57	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	11.27	11.67			

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	28-Aug	04-Sep	11-Sep
<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				1 0.40	41 16.40
<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												1 0.20	
<i>Drepanosiphum platanoides</i>	Sycamore Aphid	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		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 omatus</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						2 0.00		2 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	0.60	16.40
Cumulative Index			0.00	10.30	14.27	15.58	16.78	16.78	17.28	17.28	17.78	18.18	18.98	18.98	18.98	18.98	19.58	35.98

Summary for the seven days up to and including 11/09/17

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	2	8.4	0	22.5	4
Total	2	8.40	0.00	22.50	4