



WEEK ENDING

5th July 2019 - Week 7

Site	Activity report	Current status:
Ballymena	High risk: Known vector species in trap this week are the following; <i>Cavariella aegopodii</i> (Carrot-willow aphid), <i>Rhopalosiphum padi</i> (Grain aphid), <i>Myzus persicae</i> (Peach-potato aphid), <i>Microlophium dirhodum</i> (Rose-grain aphid) and <i>Aphis fabae</i> (Black-bean aphid). <i>Myzus persicae</i> (Peach-potato aphid) is a colonising aphid species.	
Ballymoney	Low risk: Known vector species in trap this week; 1 <i>Myzus persicae</i> (Peach-potato aphid). This is a colonising aphid species.	
Kilkeel	Low risk: Known vector species in trap this week are the following; <i>Aphis fabae</i> (Black-bean aphid). No coloniser species seen in trap this week.	
Loughgall	Low risk: Low aphid count overall. No known vector or colonising species in trap this week.	
Rathfriland	Low risk: Known vector species in trap this week are the following; <i>Sitobion avenae</i> (Grain aphid). No coloniser species seen in trap this week.	
Strabane	Low risk: Known vector species in trap this week are the following; <i>Rhopalosiphum padi</i> (Grain aphid). No coloniser species seen in trap.	

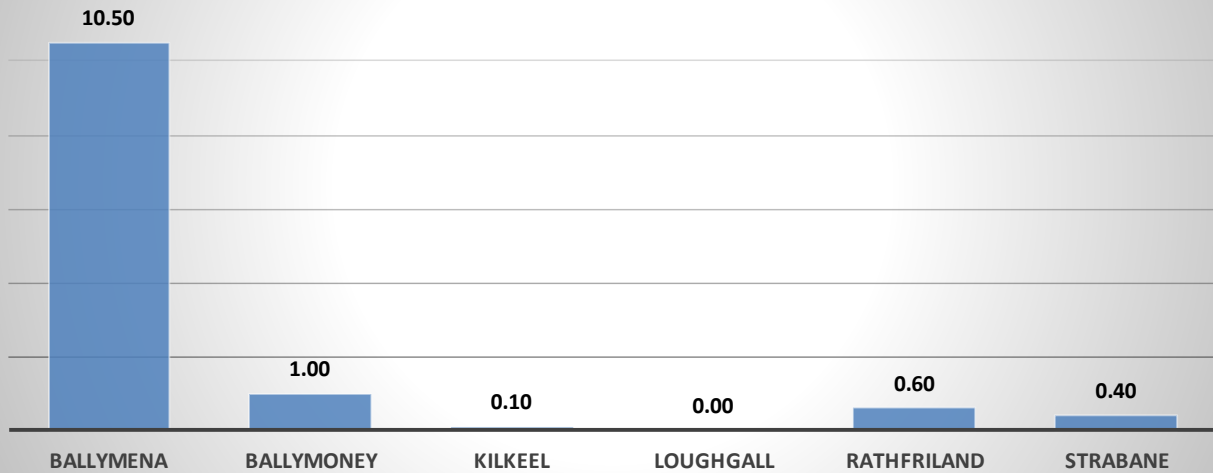
Key	Risk Level	Description
	LOW RISK	Low virus vector activity, no action required
	MODERATE RISK	Increased vigilance and monitoring of aphid populations required
	HIGH RISK	Severe risk of PVY transmission by aphids
	NO SAMPLE	No sample received for this location

Summary for the seven days up to and including 05/07/19

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	2.10	1.5	7.83	13
North Scotland	13	2.15	1.77	5.31	14
Grampian	17	0.68	0.24	3.06	15
Angus & Perthshire	6	2.7	2.83	7.33	16
Borders	4	0.58	0.5	2.25	4
Northern England	15	6.98	5.47	16.87	26
Midlands	6	33.87	34.17	64.83	31
East Anglia	9	0.06	0	1.44	9
South-West	5	11.8	2	104.6	18
TOTAL	81	60.92	48.48	213.52	146

Northern Ireland WEEKLY Virus Threat 2019

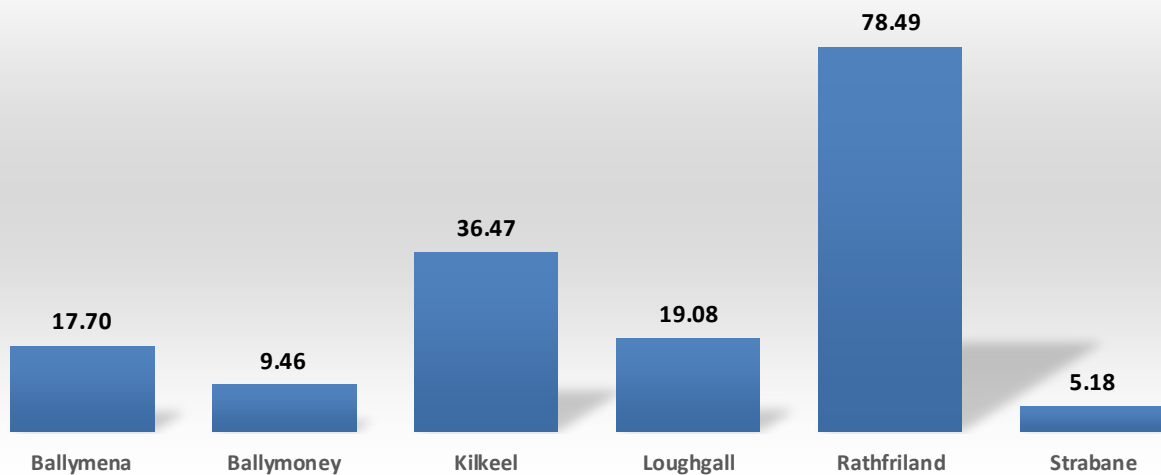
NI PVY Index 05/07/2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
10.50	1.00	0.10	0.00	0.60	0.40

Northern Ireland TOTAL Virus Threat 2019

NI Cumulative PVY Index 2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
17.70	9.46	36.47	19.08	78.49	5.18