



WEEK ENDING

12th July 2019 - Week 8

Site	Activity report	Current status:
Ballymena	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.	
Ballymoney	Low risk: No known vector or colonising species in trap this week.	
Kilkeel	Low risk: Known vector species in trap this week are the following; <i>Cavariella aegopodii</i> (Willow-carrot aphid) and <i>Aphis fabae</i> (Black-bean aphid). No coloniser species seen in trap this week.	
Loughgall	Low risk: Known vector species in trap this week are the following; <i>Cavariella aegopodii</i> (Willow-carrot aphid) and <i>Acyrtosiphon pisum</i> (Pea aphid). No known colonising species recorded in trap.	
Rathfriland	Low risk: Known vector species in trap this week are the following; <i>Cavariella aegopodii</i> (Willow-carrot aphid) and <i>Myzus persicae</i> (Peach-potato aphid). <i>Myzus persicae</i> (Peach-potato aphid) is a colonising aphid species.	
Strabane	Low risk: No aphids recorded in trap this week.	

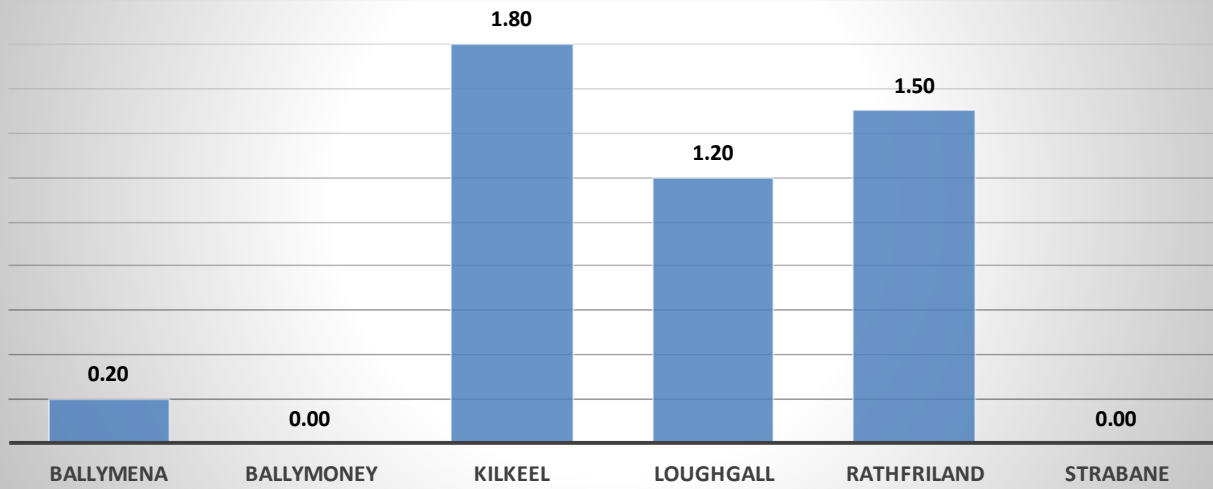
Key	LOW RISK	Low virus vector activity, no action required
	MODERATE RISK	Increased vigilance and monitoring of aphid populations required
	HIGH RISK	Severe risk of PVY transmission by aphids
	NO SAMPLE	No sample received for this location

Summary for the seven days up to and including 12/07/19

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	0.78	0.17	7.00	14
North Scotland	11	1	0.91	2.27	9
Grampian	14	6.05	5.57	9.14	20
Angus & Perthshire	6	1.29	0.5	4.5	9
Borders	6	0.8	0.83	2	7
Northern England	14	3.8	2.29	36.64	24
Midlands	6	16.61	17	65.83	21
East Anglia	6	1.05	0.83	2.17	8
South-West	4	2.88	1.25	18	12
TOTAL	73	34.26	29.35	147.55	124

Northern Ireland WEEKLY Virus Threat 2019

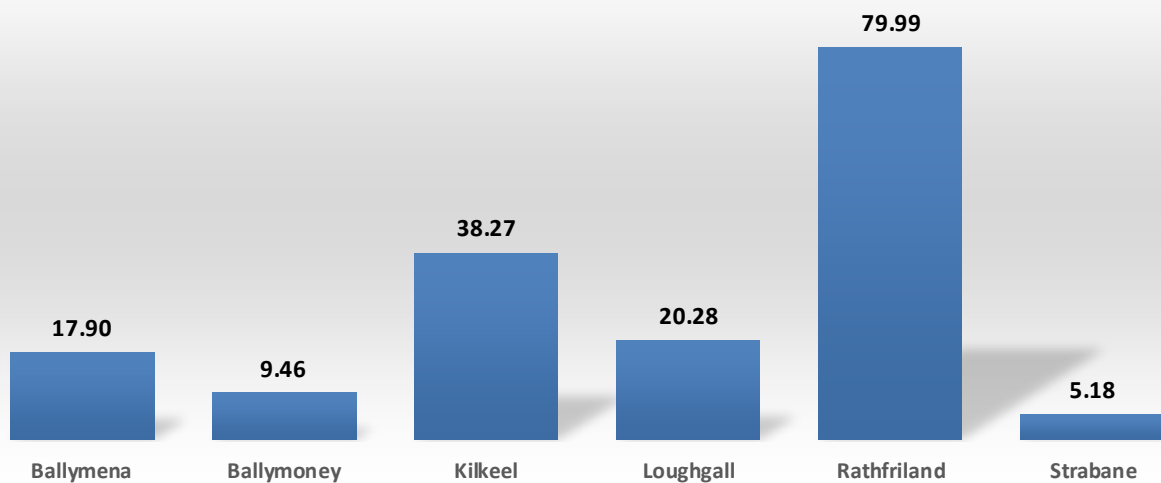
NI PVY Index 12/07/2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
0.20	0.00	1.80	1.20	1.50	0.00

Northern Ireland TOTAL Virus Threat 2019

NI Cumulative PVY Index 2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
17.90	9.46	38.27	20.28	79.99	5.18