



WEEK ENDING

7th June 2019 - Week 3

Site	Activity report	Current status:
Ballymena	Low risk: 1 <i>Rhopalosiphum padi</i> (Bird-Cherry-Oat Aphid) recorded in trap.	
Ballymoney	Medium risk: 2 <i>Cavariella aegopodii</i> (Carrot-willow aphid), 3 <i>Brachycaudus helichrysi</i> (Leaf-curling plum aphid) and 11 <i>Hyperomyzus lactucae</i> (currant-sowwhistle aphid) recorded in trap.	
Kilkeel	Medium risk: 6 <i>Cavariella aegopodii</i> (Carrot-willow aphid), 2 <i>Brachycaudus helichrysi</i> (Leaf-curling plum aphid) and 2 <i>Macrosiphum euphorbiae</i> recorded in trap.	
Loughgall	Medium risk: 15 <i>Brachycaudus helichrysi</i> (Leaf-curling plum aphid) recorded at this site.	
Rathfriland	High risk: Several species with vector capability recorded in trap including 2 <i>Myzus Persicae</i> (Peach-potato aphid) and 46 <i>Cavariella aegopodii</i> (Carrot-willow aphid). Refer to specific information below.	
Strabane	Low risk: 2 <i>Rhopalosiphum padi</i> (Bird cherry-oat aphid) and 1 <i>Cavariella aegopodii</i> (Carrot-willow aphid) recorded in trap.	

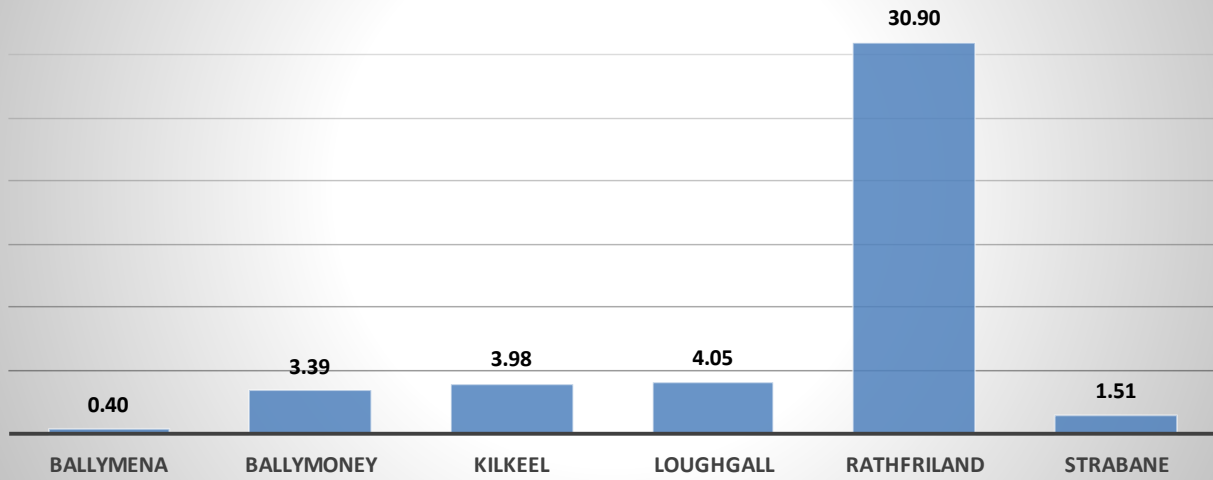
Key	LOW RISK	Low virus vector activity, no action required
	MODERATE RISK	Increased vigilance and monitoring of aphid populations required
	HIGH RISK	Severe risk of PVY transmission by aphids
	NO SAMPLE	No sample received for this location

Summary for the seven days up to and including 07/06/19

Region	Samples	Mean PVY Index per Sample	Mean Colonising Aphids per Sample	Mean Aphids per Sample	Total Aphids Species
Northern Ireland	6	7.37	1.83	27.33	17
North Scotland	20	2.24	1.3	10.5	25
Grampian	18	1.17	0.94	5.33	20
Angus & Perthshire	8	6.46	1.5	14.75	14
Borders	5	11.17	9	23.4	17
Northern England	41	79.53	22.1	167.46	50
Midlands	23	20.64	13.83	51.26	45
East Anglia	49	15.1	12.2	34.1	49
South-West	17	8.39	5.94	27.41	34
TOTAL	187	26.47	11.18	59.24	70

Northern Ireland WEEKLY Virus Threat 2019

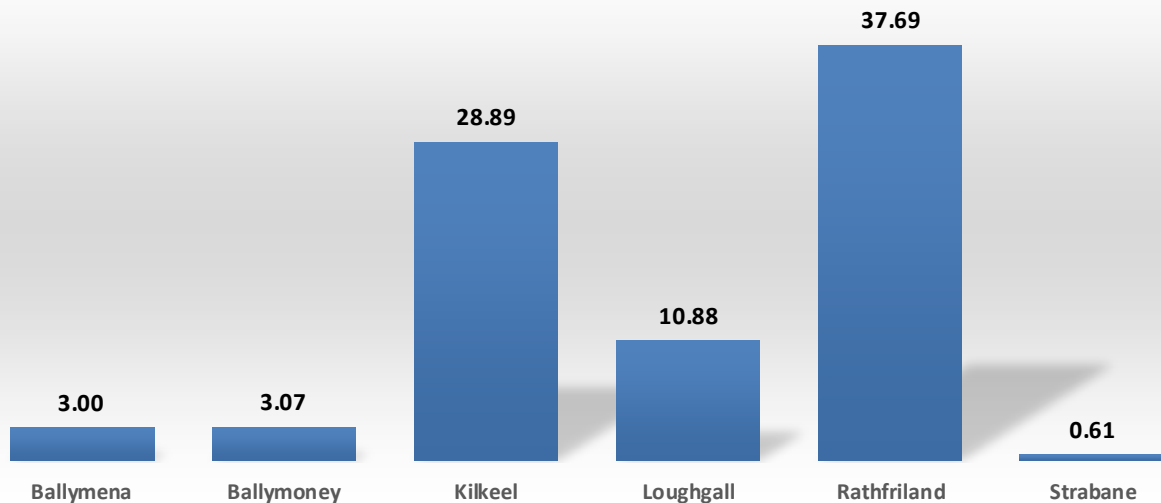
NI PVY Index 07/06/2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
0.40	3.39	3.98	4.05	30.90	1.51

Northern Ireland TOTAL Virus Threat 2019

NI Cumulative PVY Index 2019



Ballymena	Ballymoney	Kilkeel	Loughgall	Rathfriland	Strabane
3.00	3.07	28.89	10.88	37.69	0.61