



WEEK ENDING

## 6th July 2018 - Week 6

| Site               | Activity report  | Current status: |   |               |  |           |   |           |                                      |  |
|--------------------|--|-----------------|---|---------------|--|-----------|---|-----------|--------------------------------------|--|
| <b>Ballymena</b>   | Low risk: 1 <i>Macrosiphum euphorbiae</i> (Potato Aphid) was the only aphid of PVY significance recorded at this site.   |                 |   |               |  |           |   |           |                                      |  |
| <b>Ballymoney</b>  | Low risk: 1 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid) and 1 <i>Acyrtosiphon pisum</i> (Pea Aphid) recorded at this site.   |                 |   |               |  |           |   |           |                                      |  |
| <b>Kilkeel</b>     | Moderate risk: 2 <i>Rhopalosiphum padi</i> (Bird Cherry-Oat Aphid), 13 <i>Macrosiphum euphorbiae</i> (Potato Aphid) and 1 <i>Metopolophium dirhodum</i> (Rose-Grain Aphid) recorded at this site.  |                 |   |               |  |           |   |           |                                      |  |
| <b>Loughgall</b>   | Moderate risk: 6 <i>Myzus persicae</i> (Peach-potato Aphid), 1 <i>Brachycaudus helichrysi</i> (Leaf-Curling Plum Aphid), 1 <i>Macrosiphum euphorbiae</i> (Potato Aphid), 1 <i>Metopolophium dirhodum</i> (Rose-Grain Aphid) and 2 <i>Aphis fabae</i> (Black-bean Aphid) recorded at this site.   |                 |   |               |  |           |   |           |                                      |  |
| <b>Rathfriland</b> | Moderate risk: 3 <i>Myzus persicae</i> (Peach-potato Aphid) and 1 <i>Macrosiphum euphorbiae</i> (Potato Aphid) recorded at this site.  |                 |   |               |  |           |   |           |                                      |  |
| <b>Strabane</b>    | Low risk: 1 <i>Sitobion avenae</i> (Grain Aphid), 2 <i>Macrosiphum euphorbiae</i> (Potato Aphid), 1 <i>Metopolophium dirhodum</i> (Rose-Grain Aphid) and 1 <i>Aphis fabae</i> (Black-bean Aphid) recorded at this site.  |                 |   |               |  |           |   |           |                                      |  |
| <b>Key</b>         | <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 |  |
| 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   |                 |   |               |  |           |   |           |                                      |  |









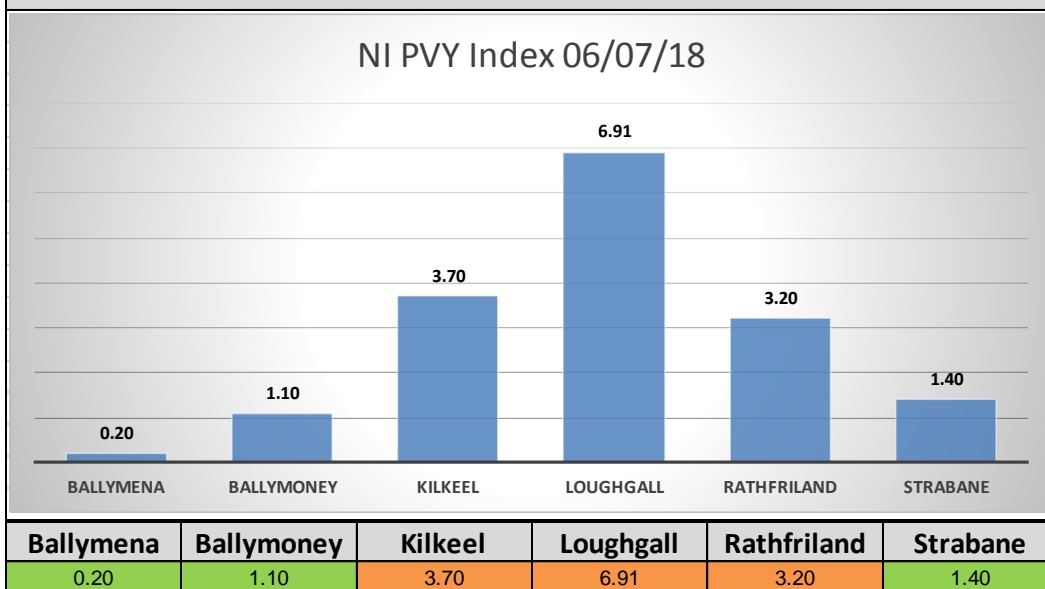




## Summary for the seven days up to and including 06/07/18

| Region             | Samples   | Mean PVY Index per Sample | Mean Colonising Aphids per Sample | Mean Aphids per Sample | Total Aphids Species |
|--------------------|-----------|---------------------------|-----------------------------------|------------------------|----------------------|
| Northern Ireland   | 6         | 2.75                      | 6.5                               | 7.17                   | 12                   |
| North Scotland     | 13        | 0.46                      | 0                                 | 2.69                   | 14                   |
| Grampian           | 14        | 0.5                       | 0                                 | 3.64                   | 18                   |
| Angus & Perthshire | 7         | 0.4                       | 0.14                              | 2.71                   | 11                   |
| Borders            | 4         | 0.05                      | 0.25                              | 1.25                   | 2                    |
| Northern England   | 12        | 2.69                      | 1.58                              | 9                      | 17                   |
| Midlands           | 7         | 33.89                     | 31.57                             | 58.29                  | 19                   |
| East Anglia        | 8         | 3.09                      | 1.38                              | 19.5                   | 19                   |
| South-West         | 11        | 4.01                      | 3.36                              | 13.18                  | 20                   |
| <b>TOTAL</b>       | <b>82</b> | <b>5.32</b>               | <b>4.98</b>                       | <b>13.05</b>           | <b>132</b>           |

### Northern Ireland WEEKLY Virus Threat 2018



### Northern Ireland TOTAL Virus Threat 2018

