

## APHID ALERT UPDATE

Suction-trapping period 17<sup>th</sup> - 23<sup>rd</sup> November 2014

### GENERAL

The suction-traps are now emptied weekly. Today's bulletin reports the last daily records for the year. Numbers of aphids flying are similar to the previous week, the generally warm weather extending the flight period.

### APHID-BORNE VIRUSES IN WINTER CEREALS (BYDV) AND OILSEED RAPE (TuYV)

#### Aphid flight into crops (primary infection)

Numbers of bird cherry–oat aphid are a little above average for the time of year. Some will be flying to bird cherry but it is likely that cereal colonisers are still on the wing. Numbers of peach–potato aphid are also a little above average and these can potentially colonise oilseed rape. If there has been good control of aphids in cereals and OSR to this point and they can't be found in crops, the danger is probably passed.

#### Aphid movement within crops (secondary spread)

Conditions are still permitting aphid development, reproduction and movement within crops and, if aphids can be found easily, measures to control them (and hence reduce the risk of virus spread) remain justified. Bear in mind that resistance of the grain aphid to pyrethroids is common. The only insecticides available for use in OSR are Plenum, Teppeki and Biscaya. There is no sign in the forecast of the weather getting cold enough to kill aphids anywhere over the next ten days.

As always, we appreciate any intelligence from the field and any comments on the information we provide.



### Further information

[www.hgca.com/pests](http://www.hgca.com/pests)

[www.potato.org.uk/online-toolbox/aphid-monitoring](http://www.potato.org.uk/online-toolbox/aphid-monitoring)

[Rothamsted Insect Survey](#)

[HDC pest bulletin](#)

<http://www.sasa.gov.uk/seed-ware-potatoes/virology/virus-epidemiology>

### Please send information on crop aphids to

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