

APHID ALERT UPDATE

Suction-trapping period 10th - 16th November 2014

FUTURE ALERTS

Numbers of aphids flying are gradually decreasing and will continue to do so. From next week suction-traps will be emptied weekly rather than daily. We will no longer produce the tables of ups and downs but, on Fridays, we will provide a brief summary of the situation as relevant to BYDV and TuYV risk until the weather delivers a knock-out blow.

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

Aphid flight into crops (primary infection)

Numbers of bird cherry–oat aphid are about average for the time of year and most are not flying to cereals, but to bird cherry, where they will be out of luck because the leaves have fallen. Numbers of peach–potato aphid are 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.

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



Further information

www.hgca.com/pests

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

mark-s.taylor@rothamsted.ac.uk

richard.harrington@rothamsted.ac.uk

