



Issued: 18/4/19

APHID SPECIAL

Biscaya emergency approval for the 2019 sugar beet crop

BBRO can confirm that the emergency authorisation, granted by HSE, for the use of up to two applications of thiacloprid (Biscaya), has now come into force. This is in addition to the one application of flonicamid (Teppeki) already available for use on the UK crop. The emergency approval for Biscaya has been gained for the control of green wingless aphids, in particular, the peach-potato aphid (*Myzus persicae*), to limit and control the transmission of virus yellows. The use of Biscaya is effective from **18th April** and this approval is in place for 120 days from this date. Application(s) should be made via a ground boom sprayer in a minimum of 200 l/ha with a maximum individual dose of 0.4l/ha.

It is imperative that any application of thiacloprid (Biscaya) is applied at industry recognised aphid thresholds (see below and the latest BBRO 2019 Reference Book) and used in alternation with flonicamid (Teppeki), to minimise the risk of pest resistance developing.

The detailed emergency authorisation conditions can be found on the HSE and BBRO websites (<https://bbro.co.uk/our-news-opinions/our-news/>) and outlines the conditions of use, especially the buffer restriction zones, and environmental and operator protection measures required.

In summary BBRO emphasises:

- If numbers exceed the threshold for treatment of **one green wingless aphid per four plants up until 12 leaf-stage (or one green wingless aphid per plant after this growth stage)** then treatment will be justified.
- Repeat treatments will only be justified if the threshold is exceeded again at the appropriate growth stage.
- The BBRO is now monitoring winged aphids via yellow water pan traps at 60 sites. This information will provide an **early warning** of pest pressure and to raise awareness to growers and agronomists to monitor crops for subsequent wingless aphid build-up. **Remember** the threshold for treatment is based on **wingless** green aphid numbers.
- Growers are advised to remove all root remnants, sugar beet cleaner loader spoil heaps etc. that could harbour aphids and virus, to minimise the risk of subsequent pest pressure and virus infection on the 2019 crop.
- Growers are encouraged to follow BBRO Advisory Bulletin updates and visit <https://bbro.co.uk/on-farm/aphid-survey-map/> regularly for updates on aphid numbers and their virus levels.



EVENTS

1. BBRO and AHDB event

GREATSOILS SUGAR BEET SPECIAL

Join us on 14th May Tebbs South, Terrington PE34 4PP 9:30 – 11:30.
Details and booking via <https://bbro.co.uk/events/>

2. BBRO will be joining NIAB for their **STAR Open Day** on the 22nd May Stanaway Farm, Otley, IP6 9NA 10:00 – 13:00. Further details <https://bbro.co.uk/events/>
3. **Morley Innovation Event** – 20th June. Morley Farms.
Join BBRO and many others at this event, which will be crammed to the hilt with agricultural innovation and know-how. More details to follow.
4. **BeetField19 - Summer Open Days**
Tuesday 2nd July Fotheringhay, Peterborough. PE8 5HZ
Thursday 4th July Thelveton Estate, Diss. IP21 4HP
Book now: <https://bbro.co.uk/events/>



CONTACTS

British Beet Research Organisation, Innovation Centre, Norwich Research Park, Colney Lane, Norwich, NR4 7GJ

Dr Mark Stevens mark.stevens@bbro.co.uk 07712 822194

Dr Simon Bowen simon.bowen@bbro.co.uk 07718 422717

General Enquiries info@bbro.co.uk



BASIS POINTS

Two BASIS points in total (not per bulletin) have been allocated for the period between 01/06/18 and 31/05/19 reference CP/67099/1819/g. To claim these points please email michele@basis-reg.co.uk

Two NRoSO points in total (not per bulletin) have been allocated between 01/06/2018 and 31/05/2019 reference NO465447f. To claim these points please email NRoSOC PD@cityandguilds.com