



Issued: 13th May 2020



IN BRIEF

There have been no major changes since our comprehensive Advisory Bulletin issued on the 6th May. Please click here if you require a reminder of the content: [Advisory Bulletin No 5 issued 6th May.](#)

- The ongoing dry conditions and wide diurnal temperature range (20°C plus) is making weed control challenging for some and beet seed is still germinating in a number of fields too, ensuring a range of growth stages.
- Control of green wingless aphids and increasing numbers of leaf miner eggs remain the priority pest issues.



Pic 1: Leaf miner eggs are being found in increasing numbers.



ADVISORY

We have updated the information available on the BBRO aphid monitoring programme (via [BBROplus](#)) which shows the sugar beet crop at threshold across most of the growing area. Many growers have now applied at least one aphicide to their crop. As a new addition to the weekly maps we have now included the spray information at each site too, recording the date and number of treatments applied.

It is vital to assess each crop carefully for threshold prior to application.

Each week we are analysing a selected number of aphids caught from across the six BBRO trials sites as well as from other locations across the four factories.



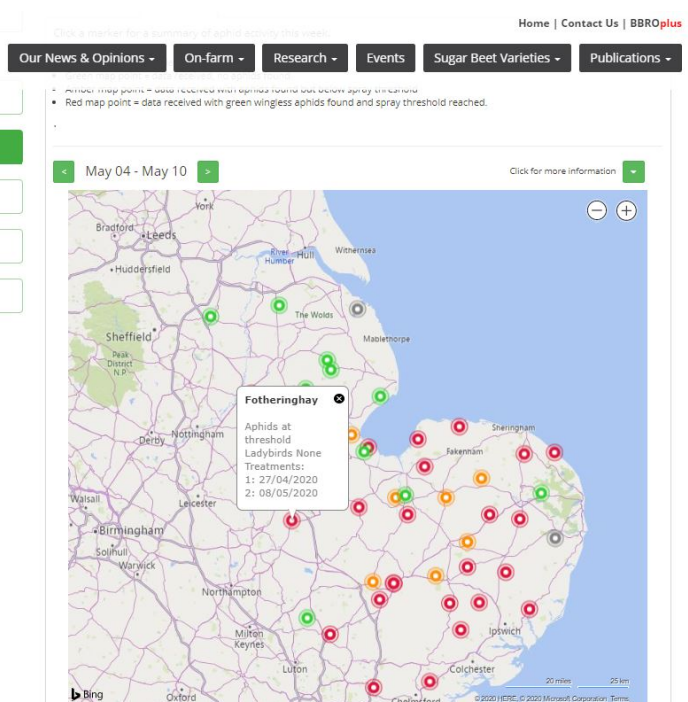
Local Weather

Aphid Survey

Benchmarking

Harvest Loss

Seed Rate



Pic 2: Screenshot of the map available via [BBROplus](#)

Of 184 aphids tested for virus from 14 sites (mainly Bury St Edmunds and Wissington factory areas) between 30th April – 6th May BBRO identified two aphids carrying BMV, one from Lawshall, Suffolk collected on 30th April and a second at Heacham, Norfolk collected on 4th May.

It is imperative that all foliar insecticides are applied at the threshold **of 1 wingless aphid per 4 four plants** up to the 12-leaf stage.

It is important to look at plants closely as recent rain may have forced aphids into the heart of plants, additionally, aphids are not evenly distributed across fields. When checking for aphids in crops, check sheltered field margins, especially the leeward (downwind) of shelter belts and the leeward side of any hills and in hollows. This is where aphids can often be found in greater numbers. Also, if there is oilseed rape grown in proximity, check in areas of the field nearest to this as this may be the local source of aphids.



Pic 3: Mac euphorbie and Myzus persicae, winged and wingless on one small plant. Photo courtesy of Adam Peck, British Sugar.

Evidence indicates that very young plants are highly susceptible to virus transmission. To date, early applications of foliar insecticides have been necessary for many because of the abundance of green wingless aphids. **2020 insecticides options include Biscaya, Teppeki and InSyst.** Alternating insecticides with different modes of action is a recognised anti-resistance strategy., The advice remains to begin with either Biscaya or InSyst then switch to Teppeki for the second spray and then back to either Biscaya/Insyst (depending on availability) for the third. If a fourth spray is needed, it will have to be another neonicotinoid spray (either Biscaya or Insyst depending on what has already been used), which is not ideal, but the only option.

Make sure you:

- Follow the label and EA conditions regarding water volumes.
- Avoid applying insecticides with herbicides, especially at low water volumes.
- If you are looking to add an adjuvant with the insecticide you should check all labels carefully for details.



EVENTS

BeetField20 – Virtually Live! 6th – 10th July

Watch-out for our programme of short presentations being released as of the 6th July, culminating with a live webinar with Prof Mark Stevens, Dr Simon Bowen and the wider BBRO team on Friday 10th July – all streamed directly to a screen near you!

Monday 6th July: RL 2021 varieties and Conviso technology

Presented by Mike May (RL Board Chairman) and Daniel Godsmark (BBRO)

Tuesday 7th July: Varietal traits: Pest & disease resistance and drought tolerance

Presented by Dr Alistair Wright (BBRO) and Georgina Barratt (PhD student with University of Nottingham)

Wednesday 8th July: Soil Management; variable drilling, drill testing results and nutrition

Presented by Dr Simon Bowen (BBRO) and Stephen Aldis (BBRO)

Thursday 9th July: Putting the ABC (Aphids-Beneficials-Control) into IPM

Presented by: Prof Mark Stevens (BBRO)

Friday 10th July: Beeting Change with BBRO

Join us via our website link to speak to the team and hear growers' questions.



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BASIS POINTS

Two BASIS points in total (not per bulletin) have been allocated for the period between 01/06/19 and 31/05/20 reference **CP/84954/1920/g**. To claim these points please email michele@basis-reg.co.uk

Two NRoSO points in total (not per bulletin) have been allocated between 01/06/2019 and 31/05/2020 reference **NO466952f**. To claim these points please email NRoSOC PD@cityandguilds.com