



IN BRIEF

- Symptoms of rust and cercospora continue to be found in crops across the beet area.
- However, disease development is not widespread at this stage so don't assume one crop is the same as another. Check each crop carefully.
- Fungicides should be applied as soon as disease is found in crops. Timing is key.
- Make you sure you target disease development with fungicide application, preserving a range of fungicide options for later in the season as canopy protection will be key to maintaining yield in later harvested crops.
- Pest levels remain generally in check by beneficials. Very little second/third generation leaf miner damage being reported but sites are needed for trial work (see below)!



ADVISORY

Foliar Disease Control – points to remember.

- Know what disease(s) are in your crop to select the best fungicide options. Details on diseases and fungicide options can be found in the BBRO 2018 pest, disease and weed guide. This can be found on-line at <https://bbro.co.uk/publications/weeds-pest-and-diseases-2018/>
- Know where specific varieties are sown within fields to assess disease levels. Infection may be more advanced in more susceptible varieties. Make the most of disease ratings of the 2018 RL list for rust and mildew. Download a copy of the 2018 RL here: <https://bbro.co.uk/sugar-beet-varieties/recommended-list/>
- Do not apply fungicides too early, wait for symptoms to show especially if a one spray approach is being used. Conversely, do not apply products too late otherwise effective disease control will be difficult for the remainder of the season.



Powdery Mildew



Rust

- Always follow label recommendations for applying products at the correct growth stage.
- Ensure water volume recommendations are adhered to and are not cut back. Many products recommend that a higher water volume is used in crops with dense canopies to get better penetration and coverage.
- Ensure the gap between the first and second (or second and third applications) is kept to within 28 days to prevent significant re-infection occurring between treatments.

Cercospora

We don't have consistent information of varietal susceptibility to cercospora but differences were observed last season so check different varieties carefully for this disease. Key symptoms of initial leaf infection to watch out for: regular circular spots with necrotic, tan-grey centres and reddish-brown borders. If the disease develops unchecked, these spots can coalesce into larger brown necrotic areas on the leaf. The photo shows the range of symptoms.



Cercospora leaf spot

Leaf miner spotted in the Cambridgeshire area – your help needed.

Fortunately for growers, there has been little sign of leaf miner damage this year. However, this is not good news for the BBRO trial with ADAS. Whilst we have found a small patch of third generation mangold fly in the Cambridgeshire area, we are keen to find more and appeal to growers to check fields for any sign of damage. If you do find anything please contact Sacha White from ADAS on 07778044024 or email: Sacha.White@adas.co.uk

See flyer issued by Bayer for 2018 regarding the removal of bolters and spraying of fields.

Removal of bolters

in sugar beet crops

New stewardship guidelines for manual workers

Guidelines to protect workers hand-pulling bolters and weed beet from sugar beet crops are being introduced for 2018. As one of the leaders in crop protection products, Bayer continually re-evaluates industry practices. Today, as a field worker you are often required to work in sugar beet crops for long periods.

These new guidelines have been introduced to protect you from the associated potential exposure to chemical residues.



Wherever possible, complete hand-pulling **before the field is sprayed.**



If a field has been **sprayed within the previous 48 hours do not enter to work.**



Between 48 hours and 10 days after spraying, re-enter the field to work **ONLY if clothed in appropriate workwear** – that is boots, gloves and long trousers – and waterproof trousers if the crop is wet.



From **10 days after spraying** there are **no requirements.**

Please work to these new guidelines this summer that are to ensure your safety at work. A recording template is available at www.cropscience.bayer.co.uk/beet-cropworker-template

Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label. For further information, please visit www.cropscience.bayer.co.uk or call 0803 1969522. © Bayer CropScience Limited 2018





EVENTS

Dates for the Autumn Demo Farm Programme will be released shortly.

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BASIS POINTS

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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