



Issued: July 23rd 2021



IN BRIEF

- No high risk cercospora alerts triggered in any region up to the weekend but **Sencrop weather forecasts are triggering amber alerts in most areas for Sunday 25th and for Monday 26th July. A first red alert is forecast for Great Yarmouth on Monday 26th July.**
- Powdery mildew now being reported in crops following recent warm temperatures.
- Essential to monitor crops very closely for all disease symptoms as it is likely that fungicide programmes will need to start, if not already started.
- Hail damage reported following storms in some areas.
- Some yellowing, particularly on headlands of fields continues to be reported due to earlier capsid bug feeding.



ADVISORY

Cercospora and foliar diseases

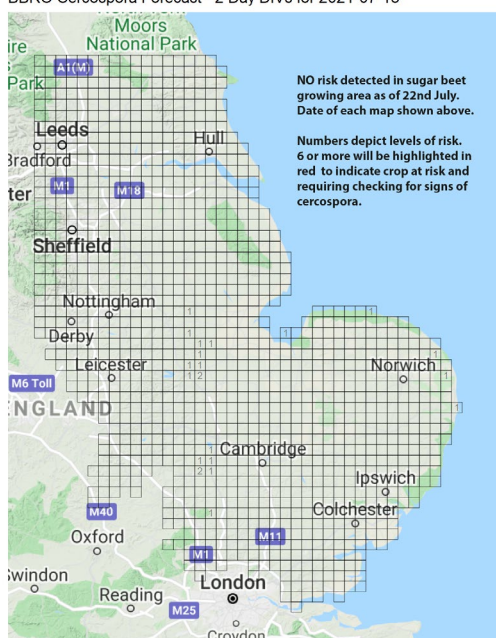
There continues to be some isolated reports of symptoms in crops. However, the forecast is for the cercospora risk to be amber/red over the weekend into next week so it is essential that you begin to check crops more closely for symptoms.

(If animation of map does not commence please view via <https://bbro.co.uk/on-farm/cercospora-risk/>)

CERCOSPORA Early Warning Alert

Please consult the BBRO website for further information

BBRO Cercospora Forecast - 2 Day DIVs for 2021-07-13



Applying fungicides at the early onset of cercospora symptoms is key to successful control. Only apply fungicides where symptoms are found.

Apply fungicide after first symptoms but before infection is established.



Fig 1: Established cercospora infection.

Remember, that it is also very important to check for symptoms of rust and powdery mildew, as your fungicide programmes may be triggered by the presence of these diseases as well. Powdery mildew is being reported more widely. Growth is favoured by high temperatures, accompanied by dew at night.

Fig 3. The white mycelium and spores of **powdery mildew** observed in crops this week

Fungicides

It is difficult to be prescriptive about fungicide programmes as this may depend on which diseases are present, the level of symptoms and the expected weather conditions.

Starting with a triazole/strobilurin-based product (Escolta, Mirador Xtra, Priori Gold) is a sensible first spray option.

Depending on the disease pressure, especially where there is a high risk of cercospora, a **second spray** may be required at 21 days. This may mean that a 3-spray programme is a minimum requirement for later lifted crops. A second spray option may be a straight triazole such as Impact (Flutriafol) or even Epoxiconazole (still within the use-up period if you have the product on-farm). This would retain the option of a second triazole/strobilurin product as the **third spray**.



BBRO have not tested copper and sulphur-based products, especially against a rapidly developing cercospora infection and would caution relying on these products alone.

Hail damage

Some severe leaf shredding damage has been reported in crops, particularly Cambridgeshire and Essex, this week following some violent hailstorms on Tuesday. Crops will recover and regrow, especially as there is moisture and warmth. Wait until there is sufficient leaf area before applying a fungicide.

Nematode patches

Suspected nematode (BCN & FLN) infestations are beginning to show up in infected fields, especially following the recent hot weather. White female cysts of BCN are starting to show on the roots. Soil sampling for nematodes is best left until the autumn so make sure you have marked and mapped areas of concern for future reference.



EVENTS

Missed the recent BeetField21 events?

Don't worry you can catch up on some of the discussions via our video:

<https://youtu.be/KT4bpiGO9Mk>



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