

T1. Disease control planning.

Technical bulletin | April 2024

T1 timing is key for delivering effective disease control in cereals for the season ahead.

It's been a difficult season so far with a mild wet winter and only a brief cold snap in January.

Field conditions vary widely across soil types and fields, but in general crops are starting to look greener after a dose of nitrogen.

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Key things to consider:

- ⊕ Assess each crop in terms of its yield potential, soil and crop condition ahead of T1 timing, to tailor fungicide sprays to individual fields
- ⊕ Consider upgrades at T1 from single triazoles to more effective or broader spectrum co-formulations e.g. tebuconazole + prothioconazole for added disease control benefits at little extra cost.
- ⊕ Consider a multi-site e.g. Folpet at T1 as an important part of the overall disease control programme and to protect other chemistry as part of good resistance management.

Septoria – usually the main focus for T1 and still could be!

So far this season overall Septoria pressure has been lower compared to last season helped by slower growth and lower crop biomass. However, pressure is growing so it will still be important to keep Septoria in check in certain crops. With rainfall showers still widespread in recent weeks (and in the forecast ahead) across much of the UK, disease pressure will likely increase as we head into April, especially the case in earlier sown crops, more susceptible varieties or areas where disease risk is higher.

Folpet offers multi-site protection against Septoria and is a useful, cost-effective option to consider alongside triazole co-formulations or new chemistry e.g. isoflucypram, fenpicoxamid.

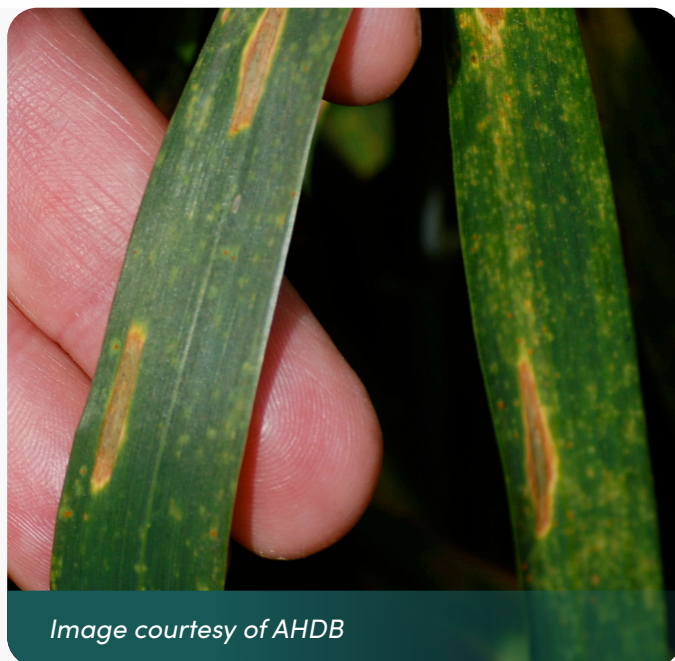


Image courtesy of AHDB



Image courtesy of AHDB

Yellow rust – another important focus at T1 especially this season!

The mild temperatures over winter this season have been conducive to the survival of Yellow rust pustules on leaves, increasing the possibility of early epidemics. Several main varieties on the RL score 5 or less for Yellow rust resistance so are at more risk.

Ensuring a robust fungicide programme at T1 will help control the disease through to harvest better and a cost-effective, preventative triazole-based T1 fungicide treatment is key. Partnering tebuconazole with new chemistry such as isoflucypram and fenpicoxamid can be a good way to balance spend and achieve good Yellow rust control.

Eyespot pressure is also high this spring.

Growers and other data indicate that there are some high levels of Eyespot disease pressure occurring now due to the wet mild winter.

For crops and fields where Eyespot is a concern, including 125-250g prothioconazole at T1 will be crucial to achieve useful reduction.



Image courtesy of AHDB

Key TI options for Clayton fungicides:

Clayton
Tebucon 250 EW**Active:**

250g tebuconazole

Suggested rates:

0.5L

Disease strengths:*Cost-effective Rust activity and partner for new chemistry*

Scan QR code for more information about this product.

Clayton
Tuskar**Active:**

250g prothioconazole

Suggested rates:

0.55L

Disease strengths:*Septoria: protectant + eradicant activity**Best choice for stem-based diseases e.g. Eyespot and good activity on Mildew.*

Scan QR code for more information about this product.

Clayton
Navaro**Actives:**

125g tebuconazole + 125g prothioconazole

Suggested rates:

0.6 - 0.7L

Disease strengths:*Strong all-round disease activity including Septoria and Yellow rust*

Scan QR code for more information about this product.

Clayton
Ozark**Active:**

250g azoxystrobin

Suggested rates:

0.4L (Rust)

Disease strengths:*Rust and Take-all*

Scan QR code for more information about this product.

Clayton
Canyon SC

NEW

Active:

500g folpet

Suggested rates:

1.0L

Disease strengths:*Strong protection against Septoria*

Scan QR code for more information about this product.

For more information on product choices contact us or visit claytonpp.com

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