



## T3 TIMING AND PRODUCT CHOICE CRITICAL FOR EFFECTIVE DISEASE PROTECTION.

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Early ear emergence, rapid movement of foliar diseases up the plant and current grain prices all mean that an effective T3 application is crucial.

Product choice should not only be focused on controlling the quality and yield losses from fusarium but also foliar disease top up which will depend on variety and previous fungicide applications. This will be of particular importance where dry conditions have caused crops to push through growth stages quickly leading to fungicide timings being compromised.

Fusarium develops in warm and wet weather at flowering. AHDB and ADAS trials show best control can be achieved with an application of products containing prothioconazole as a protectant at early flowering (anthers visible from the middle florets at GS63). Tebuconazole and metconazole also give useful activity so using co-formulated products or tank mixes can be a good approach.

The AHDB risk assessment for fusarium mycotoxins in wheat can be found [here](#) and is required for grain passports. For maximum risk reduction the fungicide dose must be 75% or more of the full label rate.

## Claytons broad range of fungicide products cover all T3 foliar disease top-up requirements:

**Brown rust:** a late season disease that will develop, especially on susceptible varieties such as Crusoe, in warmer conditions. Metconazole, tebuconazole and azoxystrobin are all rated 4 by AHDB for brown rust control.

**Yellow rust:** pressure has been building in many crops, including resistant varieties such as KWS Extase, Skyscraper and Graham. Where this has been observed, a top up will be required to protect upper leaves and the ear. Products including tebuconazole, metconazole or prothioconazole give good control. Strobilurins such as azoxystrobin will also improve rust control, as well as giving physiological benefits.

*(note a maximum of two strobilurins may be applied in a fungicide programme and should always be applied with a fungicide with a different mode of action).*

**Septoria:** significant rainfall following T2 applications, especially where these were less robust, means T3 will be an opportunity to top up control of this disease using prothioconazole based options.

### Quick guide product profiles: Fungicides

<b>Clayton Tuskar®</b>	<p><b>EC formulation containing 250g prothioconazole</b></p> <p>Approved crops: wheat, barley, durum wheat, oats, triticale and winter rye</p> <p>Apply at 0.8 L/ha for maximum of 3 treatments per crop before GS71 (wheat/durum wheat/rye/triticale) or apply at 0.8 L/ha for maximum of 2 treatments per crop up to and including GS61 (barley/oats)</p>
<b>Clayton Navaro®</b>	<p><b>EC formulation containing 125g prothioconazole + 125g tebuconazole</b></p> <p>Approved crops: wheat, barley, oats and winter rye</p> <p>Apply at 1.0 L/ha for maximum of 2 treatments per crop up to and including GS69 (wheat) or GS61 (barley)</p>
<b>Clayton Trellis®</b>	<p><b>EC formulation containing 160g prothioconazole + 80g tebuconazole</b></p> <p>Approved crops: wheat, barley, oats and winter rye</p> <p>Apply at 1.0 L/ha for maximum of 2 treatments per crop up to and including GS69 (wheat) or GS61 (barley)</p>
<b>Clayton Tebucon® 250EW</b>	<p><b>EW formulation containing 250g tebuconazole</b></p> <p>Approved crops: wheat (excluding durum), barley, oats and winter rye</p> <p>Apply at 1.0 L/ha for maximum of 2 treatments per crop up to and including GS71. First treatment must be applied after GS30 and before GS39. A second treatment cannot be then applied until after GS40.</p>
<b>Metfin 90™</b>	<p><b>EC formulation containing 90g metconazole</b></p> <p>Approved crops: wheat, barley, durum wheat, rye and triticale</p> <p>Apply at 1.0 L/ha for maximum of 2 treatments per crop up to and including GS71.</p>
<b>Azofin Plus®</b>	<p><b>SC formulation containing 250g azoxystrobin</b></p> <p>Approved crops: wheat, barley, oats, rye and triticale</p> <p>Apply at 1.0 L/ha for maximum of 2 treatments per crop before GS71.</p>



## Find out more..

Clayton can provide valuable choice and flexibility for your fungicide programmes to tackle cereal diseases this spring.

All our generic products have been developed, authorised and manufactured in Europe to guarantee the highest quality formulation and performance.

Further information on Clayton's product range including labels can be found at [www.claytonpp.com](http://www.claytonpp.com)



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