



Technical Update – T0 Options, Winter Wheat

With an estimated 60% of the UK wheat area drilled being highly susceptible to yellow rust, as well as *septoria tritici* careful consideration should be given to T0 sprays.

Whilst the cold conditions of November, December and early January certainly arrested development, milder than average weather conditions during the remainder of January and February means that crops are now beginning to move forwards in ideal conditions for disease development. *Septoria tritici* is now readily found in many varieties. Yellow rust is now also apparent in some areas, along with varying amounts of mildew. It will therefore be important to ensure these crops are protected in the near future to give wheats a clean start, and to give more flexibility at T1.



Yellow Rust

With the current very high cereal price there is every reason to maximise yield, and returns on inputs will be easily attained and relatively large.

T0 sprays will most likely take place 3 weeks before T1, and will set the scene in disease infection terms, for the season.



Septoria Tritici

A degree of curative activity on *septoria tritici* is needed in the form of a triazole, which incidentally will also help against yellow rust. Epoxiconazole, as Rubric is the best curative triazole against septoria available to us.

The inclusion of chlorothalonil (CTL) at T0 should be considered. This will splash up onto new growth and give protection going forwards, as well as acting as an anti-resistance strategy for the triazole. Although CTL should always be included at T1 as a priority, there are good reasons to use this active ingredient at both timings. The only time when CTL should be left out is where advisors opt to mix Atlantis with the fungicide treatment.

Rubric should be used at the following rates, preferably in mixture with CTL, depending on the prevailing disease pressure:

Low disease susceptible varieties: **0.3 l/ha Rubric +/- 1 l/ha CTL**

High disease susceptible varieties

Active disease situations: **0.5 l/ha Rubric + 1 l/ha CTL**

For further details and discussion, contact your local Headland representative, or:

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Rubric contains epoxiconazole
Atlantis contains idosulfuron-methyl-sodium + mesosulfuron-methyl

