



## Life in Life Scientific...

Any excuse for cake!

We've had a couple of great reasons to celebrate over the last month, and no celebration would be complete without a few treats.

March 17<sup>th</sup> was St Patrick's Day and although numbers are limited in the Dublin office due to lockdown restrictions there were still a few cakes, and a traditional Irish favourite, crisp sandwiches, on offer.

At the end of March we held a virtual coffee morning on Daffodil Day, raising money for the Irish Cancer Charity. Just in case we needed an excuse to put on more calories over lockdown, chocolate brownies were sent through the post so we could enjoy them together with a cup of tea and a catch up.

## Product News

As thoughts turn to early cereal fungicide applications growers are keeping an eye on the development of yellow rust in wheat crops.

Zonor is new for this year and is a reverse engineered Folicur containing 250g/l tebuconazole.

Zonor is a broad spectrum systemic fungicide for use in winter and spring crops of wheat (excluding Durum), barley, oats, rye, oilseed rape, field beans and linseed. It is particularly effective at controlling yellow and brown rust in wheat, and barley.

For more information including product label, safety data sheet and compatible tank mixes see the Life Scientific website <https://lifescientific.com/products/> or download the App to get product information direct to your phone.



## Out and About

As Lockdown restrictions ease slightly and the weather has got a little kinder, it's been good to get out and about and see the progress being made with land work.



It's great to see so much field work taking place after such a long time where it's been impossible for many growers to turn a wheel, particularly on heavy land. However, avoid the temptation to apply large multi product tank mixes of crop protection products in less than ideal conditions as this can cause crop damage.

As a general rule, pesticide products should be applied to well established, actively growing crops. SU herbicides such as Cintac and Niantic can cause crop damage if they are applied to crops experiencing large temperature changes, cold nights and warm days for example, particularly when used in large tank mixes. Keep products in the sprayer tank to a minimum and check application intervals required for some plant growth regulation products.

## Cereal Growth Guide

With drilling dates and cereal growth rates at varying points it's important to identify plant growth stages correctly for effective product application.

Varieties vary in their response to vernalisation and day length. Check AHDB Recommended Lists for more information.

**Wheat:** T0, early tillering and targeting leaf 4 emerged. Useful for mildew and rust control, fungicides will also have an effect on eyespot and give protection if T1 is delayed. For rusts a strobilurin, such as Azoxystar, will provide disease control and plant greening effects.

T1, optimum timing is just as leaf 3 is fully emerged, GS 31-33. Fungicides should be used to target Septoria and other folia diseases. T1 is also a key timing for eyespot.

T2, sprays should be timed as the flag leaf is fully emerged, GS39. This is the most important timing as fungicides are protecting the top leaves which contribute the most to plant yield. Again Septoria will be the main target but fungicides should also be considered to control rust, particularly on the more susceptible varieties.

T3, is generally early to mid flowering to protect the plant from fusarium and microdochium species which cause ear blight and loss of grain quality.

Prothioconazole containing products such as Aurelia, Esker and Oraso Pro can all provide protection from ear diseases when used at this timing.

**For more information about Life Scientific and our products, please see contact methods below.**

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All other products are those of other manufacturers where proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.lifescientific.com](http://www.lifescientific.com)