



ELATUS™ ERA POWERFUL, CONSISTENT AND COMPLETE DISEASE CONTROL AT T1 ON WHEAT

T1 (GS32) is a critical timing for disease control on wheat, for *Septoria* and yellow rust control in particular but also for eyespot and mildew.

A fungicide's balance between curative, preventative and persistent activity is important. Curative to tidy up recent infections, preventative to stop further infection and persistent to maintain disease control activity for as long as possible.

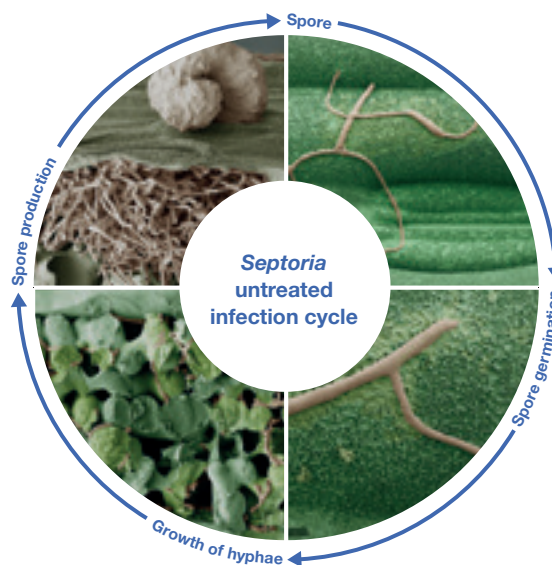
ELATUS™ ERA – a combination of the novel SDHI active SOLATENOL™ and prothioconazole has an ideal balance between curative, preventative and persistent activity to optimise disease control at T1 on wheat.

Septoria consistently the most damaging disease at T1

Septoria is consistently the most damaging disease of wheat grown in Ireland.

In independent trials where single label rate doses of SDHI/Triazole mixtures are applied, **ELATUS™ ERA** consistently delivers top level *Septoria* control and yields.

This consistent, high level performance against *Septoria* can be attributed to the balance between curative, preventative and persistent activity delivered by **ELATUS™ ERA**.



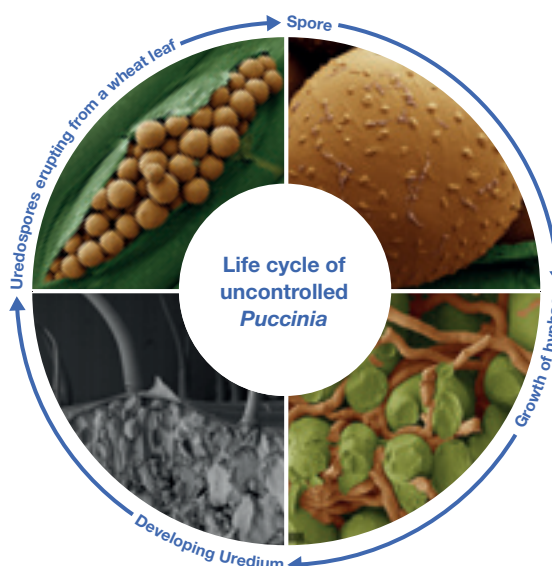
Spores land on the leaf surface and germinate following a rainfall event. Hyphae invade through stomata on the leaf surface and grow within the leaf. They break down the cells and the fungus feeds off the cell debris. Pycnidia break through the leaf surface, spores scatter and are spread by rainsplash. All of the damage has been done before physical symptoms can be seen.

Yellow rust re-emerged as a threat on some popular varieties

Uncontrolled yellow rust can be more damaging than *Septoria*. 2017 saw the re-emergence of this disease as a significant threat on some of our most popular varieties. The disease is visible in some crops early in 2019.

Experiences from the UK where yellow rust is an annual threat clearly demonstrate that SOLATENOL™ is by some margin the leading SDHI fungicide for control of yellow rust. T1 is a critical fungicide timing to prevent yellow rust getting established and reduce consequent yield losses.

Using **ELATUS™ ERA** at T1 provides yellow rust control of the highest level.



With rusts, spores land on the leaf, germinate and invade the leaf and hyphae grow around the cells. Rusts are the 'con artists' of the disease world, and feed off the sugars that are produced by the cells. Eventually the spores build up under the leaf surface, before bursting through, spreading and re-infecting.

Eyespot often present and can be damaging

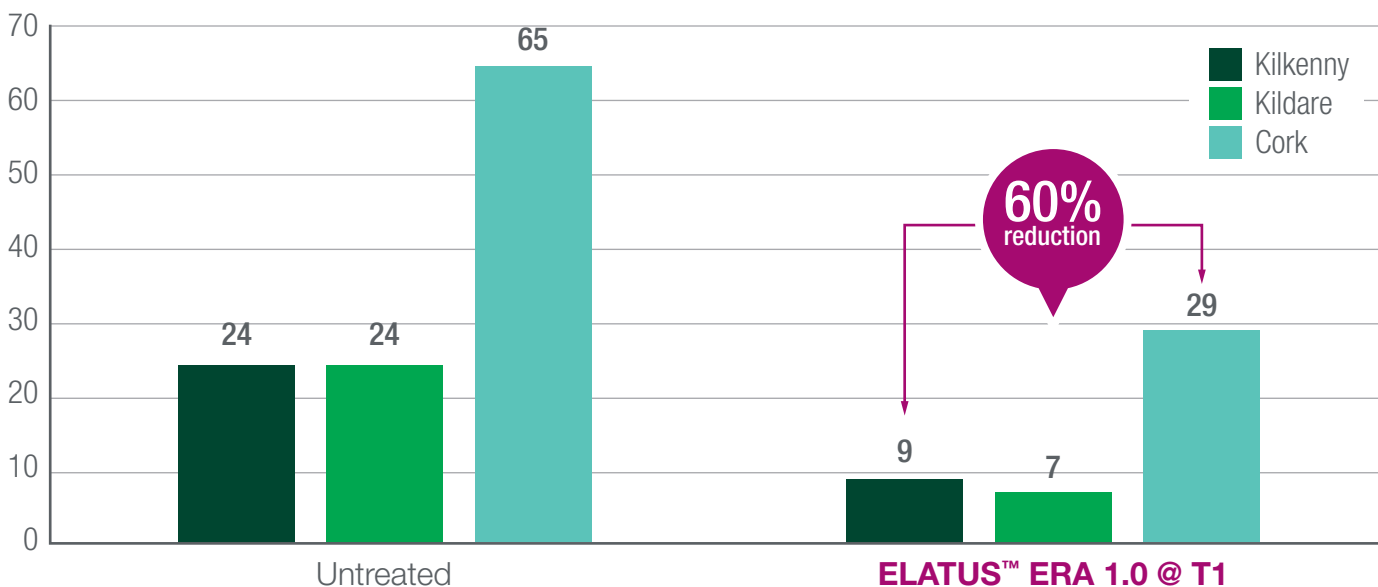
Eyespot is often present in wheat crops and can be damaging.

Prothioconazole has useful activity on eyespot and this is supported with additional activity provided by SOLATENOL™.

In three Irish trials in 2017 the incidence of eyespot was reduced on average by about 60% in treatments where **ELATUS™ ERA** was used at T1 in a programme.



Winter wheat % stems with Eyespot



Year: 2017. Location: Mullinavat, Carrigwohil, Rathangan. Programme: T0: BRAVO 1.0 l/ha; T1: ELATUS™ ERA 1.0 l/ha + BRAVO 1.0 l/ha; T2: Librax 1.6 1.0 l/ha + BRAVO 1.0 l/ha

ELATUS™ ERA recommendation

Winter wheat	
T1	ELATUS™ ERA 1.0 l/ha + BRAVO 1.0 l/ha

Applying ELATUS™ ERA getting the best results

Optimum application recommendation:

- AMISTAR/Guardian Air™ Nozzle – drift reducing
- Water volumes – 100 to 150 l/ha
- Forward speed – 8 to 12 kph

Boom stability is key to accurate application. Forward speed should be adjusted depending on ground conditions.

