



## SOLEIL – delivering first class Fusarium protection with foliar rust top-up at T3

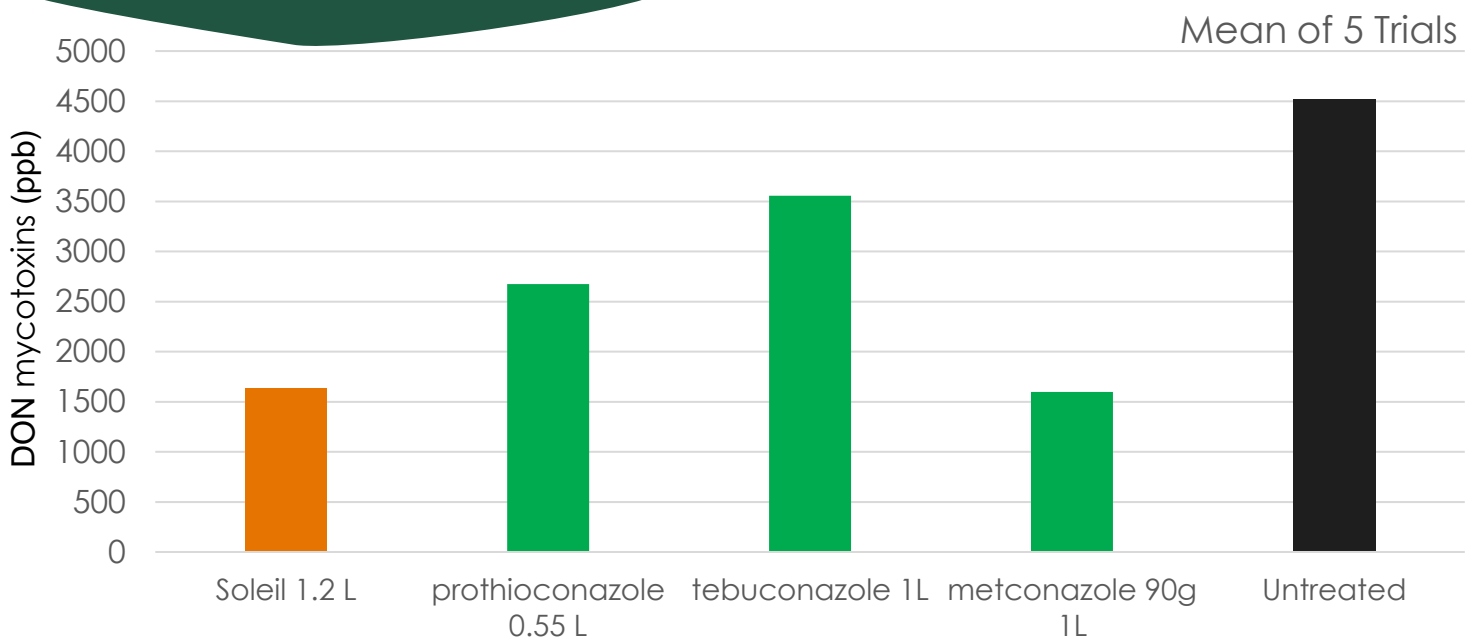
SOLEIL at T3 provides outstanding efficacy against *Fusarium graminearum* and *Fusarium culmorum*, as well as foliar disease top ups to ensure yield and grain quality through to harvest.

Control of fusarium species will maintain grain quality and **reduce risk of exceeding DON and ZON** (deoxynivalenol and zearalenone) levels at mills/ports.

**Reliable DON reduction from SOLEIL**

Nufarm's Agronomy Solution for reduction of the *Fusarium* spp. and foliar rust top-up:

**SOLEIL 0.8-1.2 l/ha**



Control of fusarium comes from **protectant treatments, ideally applied before rain falls on wheat crops at early-mid flowering** (BBCH 61-65).

SOLEIL also delivers **excellent late-season yellow and brown rust control**.

Including azoxystrobin (e.g. TAZER) at T3 adds *Microdochium nivale* activity.

**Highest risk of elevated mycotoxin levels with rain at flowering & harvest**

Legal limit in unprocessed wheat grain  
DON = 1250 ppb





## Ear disease ID parade – what are the concerns?

*F. culmorum* is spread by rain splash while *F. graminearum* is spread through wind dispersal. Favours wet and humid conditions, 18-20°C. Mycotoxin producers (DON and ZON). *Fusarium spp.* infections show as bleached ears with shrivelled grains white or pinkish in colour. Rachis also bleached where infection has advanced and all grains above infection site will be affected.

*Microdochium nivale* and *Microdochium majus* are spread by wind dispersal. Can develop in cooler conditions than *Fusarium spp.*, from c.15°C, but does not produce mycotoxins.

- Low level infection = odd grains affected per ear.
- Higher level infection can be confused with *Fusarium spp.*

### *Microdochium spp.*

Rachis not bleached, only infected spiklets/ grains affected. High levels of infection can be confused with *Fusarium spp.*

### *Fusarium spp.*

Rachis bleached, all grains above infection site affected

### Eyespot

White heads appear scattered throughout crop, lesions penetrate into stem base, may become detached



### FURTHER INFORMATION

Nufarm Technical updates are eligible for 1 BASIS CPT/year Ref: CP/100840/2021/g. Email claim to linda@basis-reg.co.uk

Soleil contains tebuconazole and bromuconazole.  
Tazer contains azoxystrobin.

Soleil is a trademark of Sumitomo.  
Tazer is a trademark of Nufarm.

Details of application rates and timings are given in Nufarm labels and product literature, both of which can be accessed from our website [www.nufarm.com/uk](http://www.nufarm.com/uk). Alternatively, ring the Nufarm helpline on 01274 694714, Monday to Friday 9.00 - 17.00

Use plant protection products safely. Always read the label and product information before use. For label and safety information, refer to the Nufarm website [www.nufarm.com/uk](http://www.nufarm.com/uk). Nufarm UK Ltd, Wyke Lane, Wyke, Bradford, BD12 9EJ.

