



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

SAKURA 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.

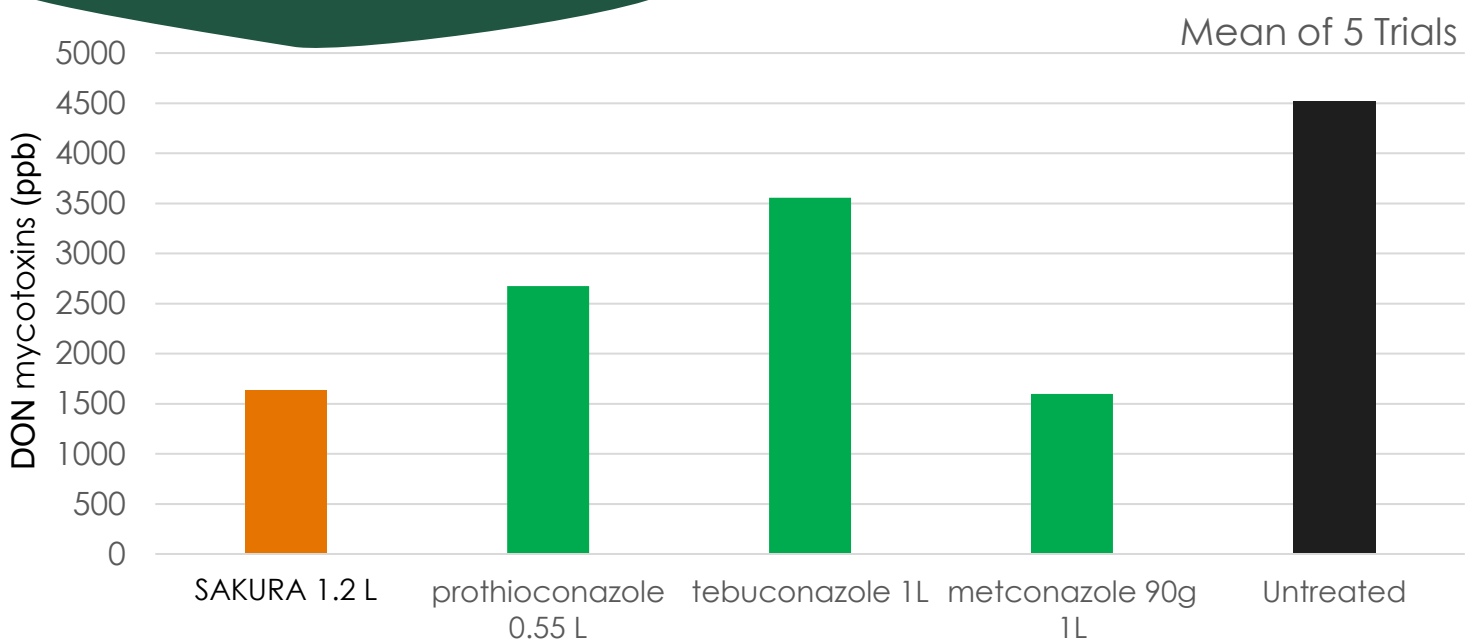
Control of fusarium species will maintain grain quality and **reduce risk of exceeding DON and ZON** (deoxynivalenol and zearalenone) levels at mills/ports.

Reliable DON reduction from SAKURA

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



SAKURA 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).

SAKURA 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

Sakura contains tebuconazole and bromuconazole.
Tazer contains azoxystrobin.

Sakura 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. 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. Nufarm UK Ltd, Wyke Lane, Wyke, Bradford, BD12 9EJ.

