

STRIPE RUST ALERT- SCEPTER WHEAT 10/9/2020

Stripe rust hot spots are now present in **Scepter** wheat around Swan Hill, Ultima, Nyah west and Kyalite. Stripe rust is not confined to Scepter only- we have to keep an eye on Razor CL (MS)

Both Axe and Trojan are considered **Susceptible** due to a mutation in the WA strain.

Conditions:

The presence of hot spots tells us the crops are now covered in spores, ready to "germinate" on the next rain event.

Infection occurs in only 4-6 hours provided there is humidity plus leaf wetness and the temperature remains below 23C- includes night time!

Losses:

An **MS** variety will lose 25% yield if infection occurs at booting, and 10% at awn peep stage. The loss is 5% at mid heading.

For **MSS** varieties such as Scepter, we could lose 45%, 30% and 20% respectively if left uncontrolled, and follow up rains stimulate a "third wave"

Control:

Tebuconazole on its own is best described as preventative, and not great post-infection. Epoxiconazole has good curative ability when applied within 72 hours of an infection event. Azoxystrobin has the longest duration, and best eradicant ability.

By the time you have read this article the rain on Saturday 12 will have started a second wave (sounds strangely familiar).

For MS and S varieties the best action is to immediately spray either epoxiconazole plus azoxystrobin (Radial) for around \$8/hectare. A slightly cheaper mix still with some eradicant action is tebuconazole plus azoxystrobin (Veritas) for under \$6/hectare.

Triazole fungicides are very water soluble and do migrate outwards to the leaf margins, but do keep water rates up to try and get coverage on the leaf below the flag leaf.

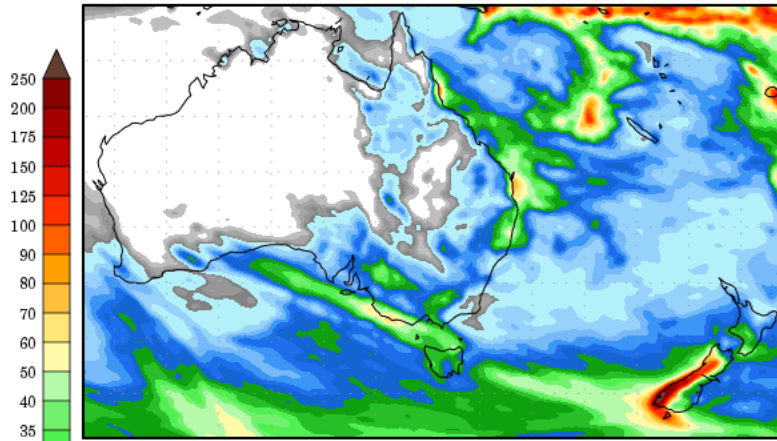
Always add Wetter 1000- it creates some finer droplets and prevents product from rolling off the leaf.

Weather outlook- VX Maps

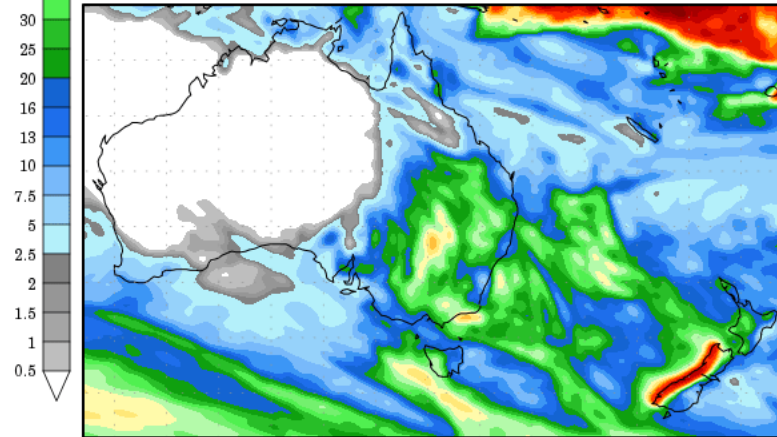
Precipitation Forecasts

Precipitation (mm)
during the period:

Wed, 09 SEP 2020 at 12Z
-to-
Thu, 17 SEP 2020 at 12Z

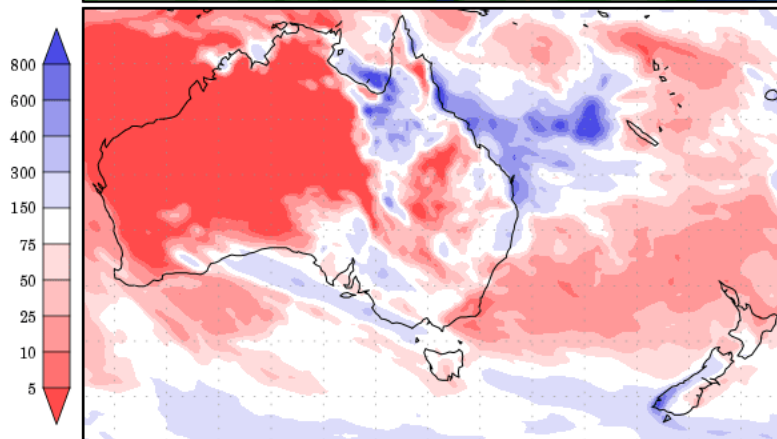


Thu, 17 SEP 2020 at 12Z
-to-
Fri, 25 SEP 2020 at 12Z



Precipitation (% of normal)
during the first period:

Wed, 09 SEP 2020 at 12Z
-to-
Thu, 17 SEP 2020 at 12Z



Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 12Z09SEP2020

Weather outlook- AccuWeather

Date	Max Temperature	Rain
12/9	25	3
13/9	18	
14/9	20	
15/9	21	
16/9	23	
17/9	24	6.7
18/9	26	
19/9	22	0.4
20/9	21	1.4
21/9	20	0.4
22/9	21	
23/9	22	
24/9	21	
25/9	19	
26/9	18	

Yellow- denotes conditions suitable for a “third wave” of stripe rust

The recommendation is: Spray an appropriate fungicide on Scepter wheat prior to 17/9

For more information and product

Doug: 0418 527849 Tore: 0438 324591 Shop: 50 332880

