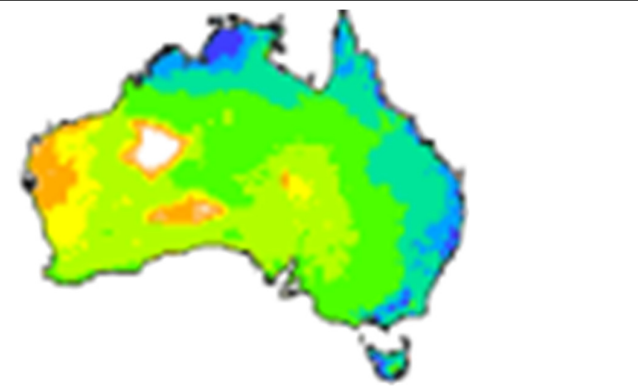


Agronomy News October 2020

In this issue:

Weather forecast- BOM
 Be harvest ready
 Swan Hill Stockfeeds now CRT
 New crop varieties for 2021
 Order your grain bags now
 Crop dessication
 2,4-D application rules



BOM: 50% chance 100-200mm Oct-Dec

The El Niño–Southern Oscillation (ENSO) is moving closer to La Niña. The Bureau's La Niña ALERT remains in place, as the tropical Pacific Ocean continues to cool towards values consistent with La Niña. All models now anticipate La Niña thresholds to be exceeded from October, and sustained until the end of 2020, with most extending these values into early 2021. La Niña events typically enhance spring rainfall in northern, central and eastern Australia.

Be harvest ready

We expect a softening in the barley price at the point of harvest pressure. We also expect this barley will go into grain bags, as well as silos and grain sheds on-farm.

Crop protection extends to grain storage, so here are a couple of hot tips;

1. Start with disinfected storages- use Perma-Guard in silos and grain sheds prior to harvest
2. Rotate K-Obiol with Conserve (spinosad based plus OP) preventatives, and vice versa for non-sealed storages every 1-2 years.
3. Use two application nozzles rather than one for better coverage
4. Spend some time matching nozzle output and auger output



Swan Hill Stockfeeds now CRT

You will have seen the new branding on the store front- we are now a full fledged member of CRT.

The exciting part for us is participating in a more powerful group, yet retaining access to independent chemical suppliers as well.



Our alliances give us access to more products and services- call in today to find out more!

New crop varieties for 2021

There is an exciting suite of new crop varieties being released this spring for autumn sowing in 2021.

An exciting source of new genetics comes from **Grains Innovation Australia**, a joint venture between some prominent Victorian and South Australian seed producers and the genetic knowledge of ex-DPI lentil breeder Dr. Michael Materne. GIA are very adept at isolating herbicide tolerance genes and incorporating them into existing varieties.

Wheat-

Hammer CL Plus (AGT)- best described as Clearfield Mace. Combines quite a few traits we are looking for- quick maturity, AH quality and large grain size.

Ballista (AGT)- a fast maturity Mace type to compete with Scepter and Vixen in the short season conventional wheat segment. Ballista has similar stripe rust sensitivity to Scepter but higher yielding. Vixen is moderately susceptible to CCN

Barley

Maximus CL (Intergrain) the direct replacement for Spartacus CL. An identical dwarf variety with a yield advantage from 1.0-1.5t/ha yield range, slightly larger grain size and improved scald and SFNB resistance.

Beast (AGT) "early Compass" is a Compass-Hindmarsh cross. It has a SFNB rating of MSS in Victoria and NSW. Its early maturity gives it a significant yield advantage over Compass in Mallee environments. Malt status will be confirmed in 2023.

IGB 1908 and IGB 1967 ("Clearfield Compass", Intergrain)- this one is the mystery prize, in so far that two numbered lines are being bulked up this year. One line will be selected for commercial release based on NVT trials and GIA internal assessments as a way of expediting the release of this eagerly anticipated product.

Laperouse (Seednet)- a variety for irrigation with yields to rival Planet, with better grain size

Lentils

GIA Leader (Grains Innovation) – medium red lentil with a big canopy similar to Jumbo 2 with IMI tolerance. Leader IMI has grain larger than Bolt, and a botrytis rating of MR, and maturity of Mid-Late (equivalent to the old Nugget). Leader has only been in NVT trials for one year- we expect 2019 and 2020 results to be possibly published in December

Kelpie XT (Seednet)- lays good claim to being "Clearfield Jumbo 2". Large red seed size and early-mid maturity ideal for Mallee environments. Big upright canopy for ease of harvest



Vetch

Studentica (Stew-den-tissa, S&W) is a very early maturing white flowered common vetch bred by Stuart Nagle of the National Vetch Breeding programme. It has very fast winter production due to a new level of cold tolerance. It will become a grazing type for spring termination in advance of cereal crops.

Field pea

GIA OurStar- (Grains Innovation Australia) is a dun-type pea selected from Oura with improved Group B imidazolinone tolerance with early to mid-flowering. GIA have selected for improved tolerance to imazamox and Spinnaker. This trait offers good tolerance to IMI residues, but is still sensitive to sulphonylureas.

GIA KaStar (Grains Innovation Australia) is a kasper type also with improved IMI tolerance using imazamox and Spinnaker in selection plots.

Both varieties have good shattering tolerance and are suitable for crop-topping

Oats

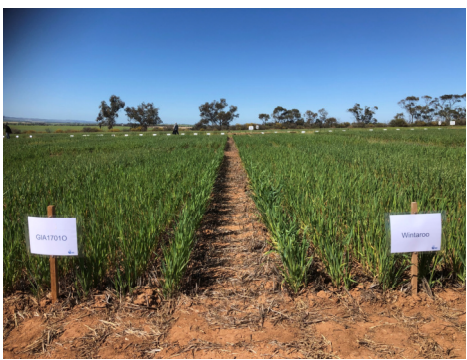
King Bale- an IMI tolerant selection from Wintaroo. King Bale has a single IMI gene only which makes it a bit sensitive to imazamox. It will be registered for use with Sentry as an IBS treatment only.

Koorabup- a medium to tall dual-purpose hay and milling oat. Koorabup is sensitive to CCN, and will probably find its niche in WA.

Chickpea

Desi chickpea CICA 1521- a tall, upright with equivalent yields to PBA Striker and similar Ascochyta sensitivity

Kabuli chickpea CICA 1352- higher yielding than Genesis 090, with similar Ascochyta sensitivity. Similar or higher yields than PBA Royal, and with a greater percentage of 9mm seeds.



Left: King Bale oats at a dry Hart Field Days site in 2019, showing identical head emergence date as Wintaroo (on the right)



Maximus barley (left) is the direct replacement for Spartacus.
Intergrain have been submitting samples to Barley Australia for some time, and malt accreditation may be as soon as March 2021.
Maximus has a slightly later flowering date.

PEARSONS

Pearson's Grain and Transport
Swan Hill Stockfeeds

Order your grain bags now

With barley harvest expecting to start at the end of October, now is the time to secure quality grain bags.

We have **Integrated Packaging** and **Zeus Packaging** grain bags in stock ready for pick up or delivery

Check Tore out for details on **Akron** brand in-loaders and out-loaders too



Crop topping and dessication

With rain interruptions to harvest likely, the policy should be to dessicate lentils, field peas and lupins to bring in the crop faster.

We also aim to control any ryegrass and brome survivors from selective winter sprays. From a resistance perspective, it is preferable to use paraquat such as **Gramoxone 360 Pro** at 560mL/ha. All paraquat products require a surfactant such as Wetter 1000 or Bio-Aid.

If there are green sappy broadleaved weeds such as prickly lettuce and sowthistle, add Sharpen plus Bio-Aid.

Check with us for appropriate application timings for each of the crops, and of course product supply



Kelpie XT (left) is tall and bushy for ease of harvest



2,4-D application rules

Now that we are in October, it must be remembered that 2,4-D cannot be applied as very coarse droplets. From now until April 15 we need to be using XC and UC droplets.

There is a permit in place **PER 87338** for the allowance of a maximum boom height of 0.85m with only UC droplets for Nufarm 2,4-D products.

Spray diaries and record keeping are still a must.

Doug 0418 527849 Tore 0438 324591 Shop 50332880