



# the **cotton wrap**

**July 2020**

## **PEST RESITANCE UPDATE**

During the 2019-20 season CottonInfo were out and about looking for pest populations to send to our researchers for resistance monitoring. Here is a short video summary from Dr Lisa Bird around resistance information from the past season. On some of our major pests.

[Resistance surveillance in major insect pests of cotton](#)

Dr Jamie Hopkinson has also prepared a video update on [Silverleaf whitefly insecticide resistance](#)

## **DISEASE UPDATE**

As many of you are aware the 2019-20 season saw CSD and CottonInfo continued its 3<sup>rd</sup> year of Verticillium Management trials in the Namoi Valley with about 14 different trial sites assessed for infection, stem cut and sampled and we will go through these results soon.

This short presentation from Duy Le on the national cotton disease surveys (NSW) was created for the Cotton Seed Distributors 2020 Cotton Management Tour. It provides an update as to the latest research in this field, supported through investment by the Cotton Research and Development Corporation.

[NSW REPORT](#)

This short presentation from Linda Smith on the national cotton disease surveys (QLD) was created for the Cotton Seed Distributors 2020 Cotton Management Tour. It provides an update as to the latest research in this field, supported through investment by the Cotton Research and Development Corporation

[QLD REPORT](#)



## CMT ONLINE THIS YEAR

Due to current circumstances with the unfolding COVID-19 health pandemic, Cotton Seed Distributors are unfortunately unable to host the Cotton Management Tour this year. They plan to host the CMT again in 2021, however for this season the summaries that would normally be delivered at the meetings that are relevant to the upper Lachlan and Macquarie regions will all be online.

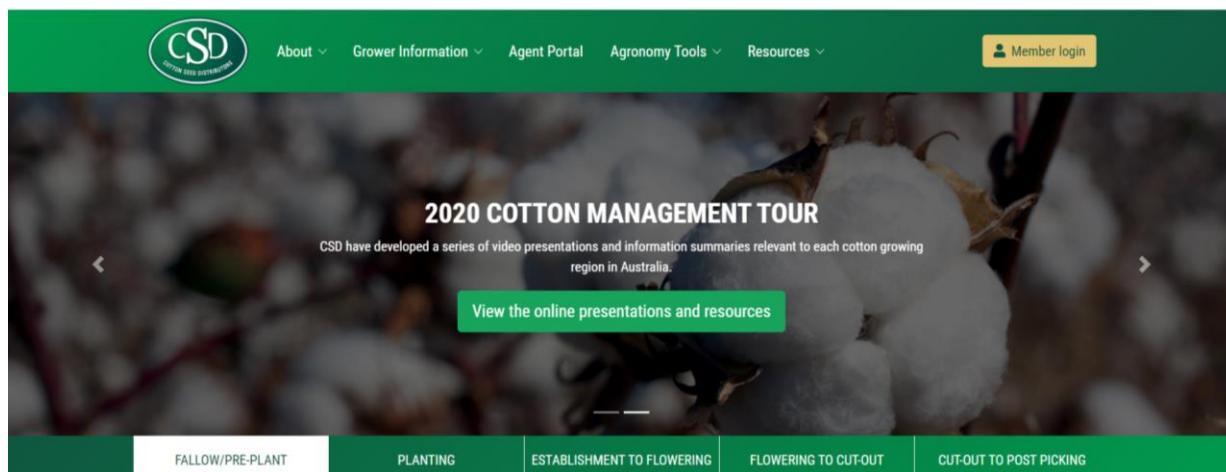
By now you would have heard that CSD has made a significant investment in its online information and tools. To make sure it is the Australian cotton growers that benefit they have decided to make this information only available to current members. If you have not already followed the steps to join (see below):

**Step 1.** Go to <https://www.csd.net.au> Click the "CSD Membership application and renewal form" button on this page and complete your personal or corporate details and submit your credit/debit card details to make your recurring payment of \$20p.a.

**Step 2.** Select your communication preferences - what information you would like to receive from us, and your preferred format/s.

**Step 3.** After you have submitted your details, CSD will run a quick membership eligibility assessment and email you to confirm that your membership has been approved, along with a copy of your tax invoice.

If you have any issues submitting your application, please call us on (02) 6795 0000 or email [membership@csd.net.au](mailto:membership@csd.net.au) for support.



The screenshot shows the CSD website's navigation bar with the logo and menu items: About, Grower Information, Agent Portal, Agronomy Tools, Resources, and Member login. The main content area features a banner for the "2020 COTTON MANAGEMENT TOUR" with a background image of cotton plants. Below the banner is a green button that says "View the online presentations and resources". At the bottom of the page, there is a green navigation bar with five tabs: FALLOW/PRE-PLANT, PLANTING, ESTABLISHMENT TO FLOWERING, FLOWERING TO CUT-OUT, and CUT-OUT TO POST PICKING.

## WHATS ON

*...Or if it is not on, what can I look at from home?*

### SLW MONITORING UPDATE (SEE ATTACHMENT IN EMAIL)

*5<sup>th</sup> August 2020 – Crossing Theatre, Narrabri: 3pm to 6pm RSVP'S ARE ESSENTIAL*

Join Richard Sequeira, Principal Scientist, Crop Protection Systems with Queensland Department of Agriculture and Fisheries for an update on the new sampling and management system developed to replace the existing SLW matrix. The new system is a comprehensive SLW management system underpinned by comprehensive data and understanding of whitefly population dynamics in all the cotton producing regions of southern QLD and northern/central NSW where SLW is endemic and presents an economic problem. These meetings will potentially be live streamed for those who cannot attend. Spaces are limited due to COVID restrictions, so it is imperative that you RSVP to me ASAP. Once you have sent in an RSVP, I can then keep in contact with you if there are any changes or updates as the date draws closer. Any questions please get in contact with me.

### WHAT CAN WE FIND OUT ABOUT OUR SOILS FROM HOME?

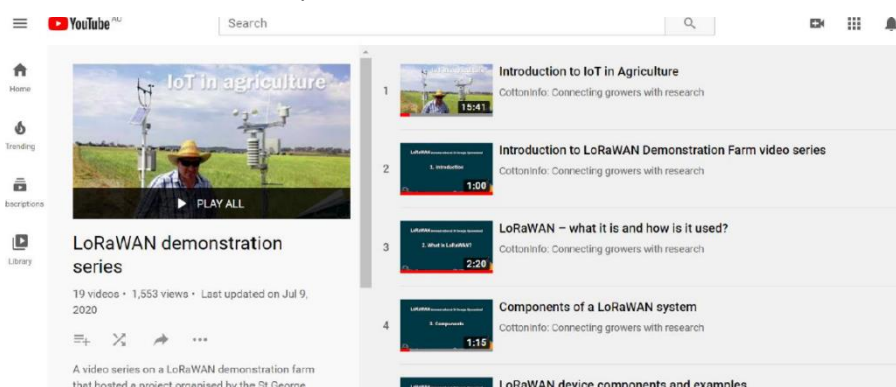
Here is a great tool that is free that can tell us lots about the soil types on our farm. Find out more in a blog created by Oliver Knox, features our own Dr Pat Hulme in his natural environment (down a soil pit).

<https://blog.une.edu.au/cottonhub/2020/01/01/how-to-remotely-look-at-your-soils-for-free/>

### LoRaWAN VIDEO SERIES

Some of you may be aware of some work being done through the 'smart farm tools' and were trialling the effectiveness of the LoRaWAN networks to transfer small packets of data in relatively cheap way around our farms. There is now a video series on a LoRaWAN demonstration farm that hosted a project organised by the St George Cotton Growers Association, via funding they received in a grant from the Cotton Research and Development Corporation. This project involved the installation of a range of sensors that operate on the LoRaWAN network.

There are lots of topics to choose from in this series so [click on this link](#) and find out how the technology was used and what were pros and cons and how useful was it on farm.



## AUSSIE COTTON FARMERS GROW COMMUNITIES 2020 is now open...

Supported by the Bayer Fund and in partnership with the Foundation for Rural & Regional Renewal (FRRR), the program will again deliver 30 grants valued at \$5000 across 15 Cotton Growing Areas (CGAs) in Queensland, Victoria, New South Wales, and Northern Australia.

Cotton farmers are invited to nominate a group or project to receive funding under the program. Recipients could include not-for-profit and community organisations across education, rural mental health, nursing, the arts, disability and emergency services and other local charitable projects.

Now in its 7<sup>th</sup> year, this program has already awarded \$900,000 in grants to more than 180 local community projects in the past six years. The support makes a tangible and meaningful impact as these examples from [Pittsworth](#) and [Jandowae](#) show.

Entries close on Monday 31 August 2020 and successful entrants will be announced on National Agriculture Day on Friday 20 November 2020.

To enter nominations or for more information, growers can visit the [FRRR](#) website: <https://www.frrr.org.au/grants/Cotton-Farmers-Grow-Communities>.

### PAST RAINFALL CHANGES OVER AUSTRALIA AND IMPLICATIONS FOR AGRICULTURE

MLA has a great webinar with Dr Katharina Waha who leads the MCV funded research project on past and future rainfall changes over Australia and implications for agriculture. Jon Welsh will facilitate this webinar so jump on the link to register. [https://unimelb.zoom.us/webinar/register/WN\\_yUTydZZRQ0qA9n6BJD9JLg](https://unimelb.zoom.us/webinar/register/WN_yUTydZZRQ0qA9n6BJD9JLg)

Cheers,

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