



Queensland
Government
Department of
Primary Industries
and Fisheries

COTTON TALES

Border Rivers

Rod Gordon Regional Development Extension Officer 07 46716711
Emma Carrigan Development Extension Officer RWUE3 – 07 46716714

2006/07

11.

23/04/07

Cotton Trash Management to Reduce the Incidence of Fusarium Wilt.

Many growers and consultants have noticed severe outbreaks of Fusarium wilt this season.

This begs the question,
"What can I do about Fusarium Wilt"?

At this time of year, the focus turns to trash. Research has demonstrated that burning trash is an effective tool for reducing the severity of Fusarium wilt in following seasons. In a field near Boggabilla, the survival of plants (that is the number of plants that made it through the season with no disease) was increased from 18% where trash had been mulched in the previous season to 27% where the trash had been raked and burnt. However, burning trash is not acceptable practice to all growers. An alternative trash management strategy is to retain mulched trash on the soil surface for a month or longer before incorporation/pupae busting. In a field near Moree, plant survival was increased from 19% where trash had been incorporated immediately prior to mulching to 24% where mulched trash was retained on the soil surface for a month.

Managing trash is a vital part of managing Fusarium wilt. Make sure you give yourself a head start next season by managing trash this season.

Enquiries: *Chris Anderson*
(NSW DPI, Narrabri) 02 6799 2454

Reminder: Climate Change Workshop, 27th of April at the Goondiwindi Training and Tech Centre starting at 9:30am

Interested in climate change? Want to know why it is in the media every day and what the fuss and controversy is about?

DPI&F and the Cotton Communities CRC are running some Climate Change workshops. The 3 hour workshops are open to anyone and aim to cover the basics of climate change – the causes, the evidence, the uncertainties and the likely impacts.

The workshops also aim to have a general discussion on what adaptation strategies there may be for agriculture, business and rural communities.

RSVP contact David McRae on (07) 46881459 or e-mail david.mcrae@dpi.qld.gov.au

Reminder: Spray Workshop for Consultants and Advisors May 10 from 8am-1pm at the Goondiwindi Training and Technology Centre

Program Overview:

- Basic Principles of Aerial Application and Droplet Production.
- Parameters required to achieve coarse droplets (2,4-D compliance) with different aircraft.
- Nozzle calculators to determine droplet size/spray quality on ag aircraft (examples provided on CD).
- Models for predicting drift and required buffer zones
- Resources and websites.
- Calibration calculations for determining the spray qualities produced by aircraft.
- Nozzle outputs and spray quality for ground application.
- Recent trial results from industry.
- Influence of adjuvants on droplet size through various nozzles.
- Factors influencing drift from ground applications
- Calibration calculations for various ground setups

Applications Open for the 2007 Australian Future Cotton Leaders Program. Applications close on Friday 4 May 2007

Are you young, committed to the future of the cotton industry and have an interest in developing your leadership knowledge, skills and experience?

Then apply to join the 2007 Australian Future Cotton Leaders program today!

Meet other like minded people in the cotton industry. Hear from industry leaders? Take away new information and tips for your future from inspiring speakers. Set your own goals and develop a plan to achieve them. Attend face to face meetings in Goondiwindi and the Gold Coast with funding support. Experience new friendships and ideas. Program Face to Face dates are 30 May - 1 June and 12 - 14 September 2007

Start your future today! For more information contact Program Facilitator, Jo Eady on 07 3848 2890 or 0419 912 879 or Email jo@ruralscope.com

The Australian Future Cotton Leaders Program is an initiative of Cotton Australia and supported by the Cotton Research Development Corporation and the Australian Commonwealth Department of Agriculture, Fisheries and Forestry.