



Information when you need it



the gwydir grower

28th January 2019

Crop/Bug Check (week ending 25th January) – Moree

Crop Stage

- Irrigated: 15 nodes to 21 nodes, some still not flowering. Some cut out at 21 nodes
- 3-6 NAWF
- Some Dryland 16 nodes and yet to flower
- Dryland 14 to 21 Nodes. Early crop cut-out.
- Later plant 14-17 nodes and just starting to flower.
- Irrigation 17 to 23 Nodes (6-9 NAWF)

Insects/Beneficial's

- Silverleaf white fly (SLW) building quickly, if that continues will need to spray some within 2 weeks
- Mirids and GVB numbers up this week. Using Dinotefuran (Starkle®) insecticide on Irrigation
- Dryland Mirids around 1/m but not spraying because of spider numbers and current crop conditions.
- SLW numbers increasing but low

Other

- Heat likely causing some fruit loss - due to low levels of insects in some areas - Mungindi and Moree

What the consultants are saying:

"Mirids increasing, most crops been sprayed once either a sSulfoxaflor (Transform®) if irrigated and fipronil (Regent®) if dryland".

"SLWF increasing in some irrigated crops this week. One paddock out west has been sprayed with admiral".

"Mirids and Apple dimpling bug present in low numbers, no change in whitefly"

Crop/Bug Check (week ending 25th January) – Mungindi

Crop Stage

- Irrigated: 15 nodes to 21 nodes, some still not flowering. Some cut out at 21 nodes
- Crop stage 20 to 22 nodes.
- 5 to 7 NAWF
- Filling bottom to middle bolls.

Insects/Beneficial's

- Mirids remaining low perhaps due to heat & beneficials.
- Whitefly building

Other

- Hot conditions is putting pressure on irrigation program and budget

What the consultants are saying:

"Whitefly building in older crops & with water possibly going to be short with crops missing out on last 2 irrigation's. If no rain soon may begin applying an early cut out Pix to fields this week & will include either pyriproxyfen (Admiral®), diafenthiuron (Pegasus®) or other for whitefly".

"Mirids numbers have increased and damage to small bolls is evident. Some fields were sprayed with sulfoxaflor (Transform®) plus growth regulant to avoid excessive growth".

"Whitefly numbers are increasing we are keeping a close eye".

Please note, that all agronomic decisions should be based around your crop and the pests found in it. This is a summary of responses from 6 consultants based in the Gwydir/Mungindi districts.

Pyriproxyfen (Admiral) 30-Day Window

Industry data from Silverleaf whitefly (SLW) resistance monitoring shows an increase in pyriproxyfen (e.g. Admiral®) resistance. This is a very concerning trend as pyriproxyfen is a cornerstone product for managing SLW populations in Australia, with low impact on beneficial insects.

To reduce the risk of SLW developing widespread pyriproxyfen resistance and potential product failure, Cotton Growers' Associations have nominated a voluntary 30-day window for each region in which pyriproxyfen can be applied.

The aim of narrowing the pyriproxyfen window is to minimise consecutive generations of SLW being exposed to resistance selection, and ensure the product is being applied once per season when most effective.

The Gwydir and Mungindi windows are:

Moree: 28th January 2019 – 28th February 2019. (this will be discussed at AWM meetings this week. See dates for diary below)

Mungindi: 25th January 2019 – 25th February 2019.

Reminder - when controlling SLW populations:

- Avoid disruption to natural enemies when controlling mirids
- All spray decisions should be made based on the SLW matrix in the Cotton Pest Management Guide: <https://www.cottoninfo.com.au/publications/cotton-pest-management-guide> pages 32-36.

- Growers and consultants should check their regional window before applying pyriproxyfen
- Maximum 1 application of Pyriproxyfen per season

Further Information: Refer to CottonInfo e-newsletter Monday 28th January 2019 “[Avoid a sticky situation](#)”. If are not subscribed to CottonInfo, subscribe [here](#)

Dates for the Diary

AWM Meetings this week

- **Gwydir West AWM**
 - Date: Wednesday 30th January 2019
 - Time: 4:00pm
 - Location: **Mallawa Racecourse, Mallawa.**
 - Directions: <https://goo.gl/maps/3JQ1Q7z14vH2>
 - Refreshments sponsored by Namoi Cotton (Sandy O'Rourke)
- **Gwydir North East AWM**
 - Date: Thursday 31st January 2019
 - Time: **4:00pm**
 - Location: Auscott, Midkin Office
 - Refreshments sponsored by Adama (Rob Lomman)
- **Bankless Irrigation Field Day**
 - Date: Wednesday 6th February 2019
 - Supported by NWIAL (North West Irrigation Australia Regional Committee), GwydirValley CGA, CottonInfo, NWLLS and NSW DPI Sustaining the Basin
 - Flyer attached
- **CSD Field Day**
 - Date: Wednesday 20th February 2019
 - Location: Little Mollee @ CSD farms

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