



CROP CHECK 2018/2019

DATE: Week ending the 30 NOV CROP CHECK 2.0

DAY DEGREE UPDATE

I am using the 15th of October to be consistent across all sites

Condobolin (source cottassist)

Table of Day Degree Details for Condobolin (Borambil Park) (50007)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2009	Lo 1976	Average
Hot Days	3.0	2.0	3.0	5.0	12.0	6.0	14.0	0.0	3.5
Cold Shock	12.0	15.0	29.0	7.0	19.0	28.0	9.0	29.0	20.0
03-Dec	492.8	493.5	423.5	537.5 *	584.0	459.8	612.3	331.0	452.4

Forbes (source cottassist)

Table of Day Degree Details for Forbes (Muddy Water) (65039)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2009	Lo 1974	Average
Hot Days	2.0	0.0	3.0	4.0	11.0	4.0	14.0	1.0	2.9
Cold Shock	21.0	18.0	32.0	12.0	24.0	33.0	11.0	32.0	22.8
03-Dec	466.8 *	456.5	403.5	509.3 *	547.5	435.0	585.5	327.8	430.5

Dubbo (source cottassist)

Table of Day Degree Details for Dubbo (Darling Street) (65012)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2009	Lo 1976	Average
Hot Days	0.0	0.0	3.0	4.0	12.0	3.0	12.0	1.0	2.4
Cold Shock	12.0	13.0	29.0	5.0	17.0	26.0	10.0	27.0	17.1
03-Dec	475.0 *	453.3	414.8	513.0	578.3	461.3	581.5	344.1	437.6

Narromine (source cottassist)

Table of Day Degree Details for Narromine Airport (51115)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2009	Lo 1976	Average
Hot Days	2.0	0.0	5.0	5.0	14.0	4.0	15.0	0.0	3.1
Cold Shock	11.0	12.0	26.0	4.0	13.0	24.0	9.0	29.0	16.6
03-Dec	506.0 *	484.8	436.5	543.5	605.5	482.8	611.5	348.3	455.4



CROP CHECK 2018/2019

Trangie (source cottassist)

Table of Day Degree Details for Trangie Research Station Aws (51049)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2014	Lo 1976	Average
Hot Days	2.0	0.0	4.0	6.0	15.0	4.0	15.0	0.0	3.6
Cold Shock	6.0	8.0	21.0	4.0	13.0	17.0	13.0	31.0	15.8
03-Dec	527.6	501.8	449.2	563.4 *	630.7	501.1	630.7	346.7	470.6

Warren (source cottassist)

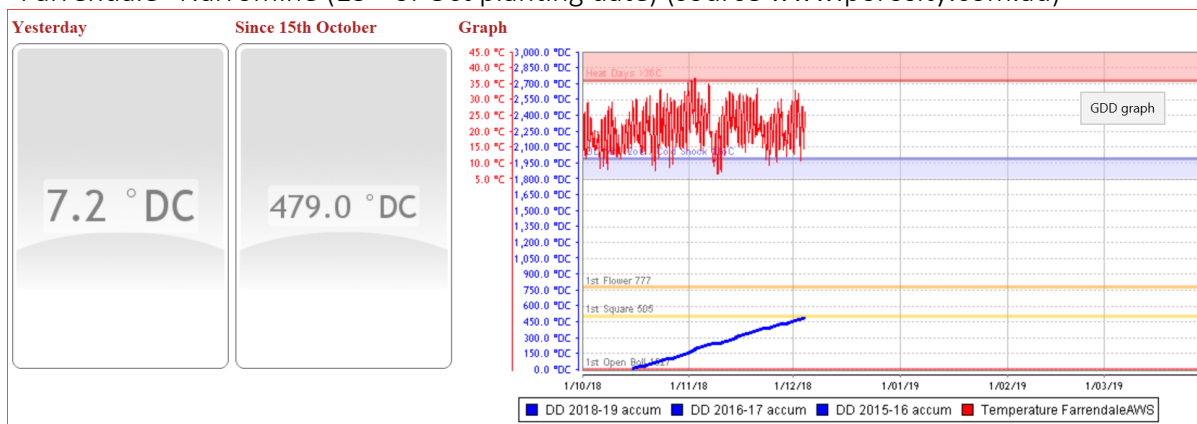
Table of Day Degree Details for Warren (Auscott) (51124)

Day Degree Accumulations for the period 15 October to 03 December in the years 1957 to 2018.

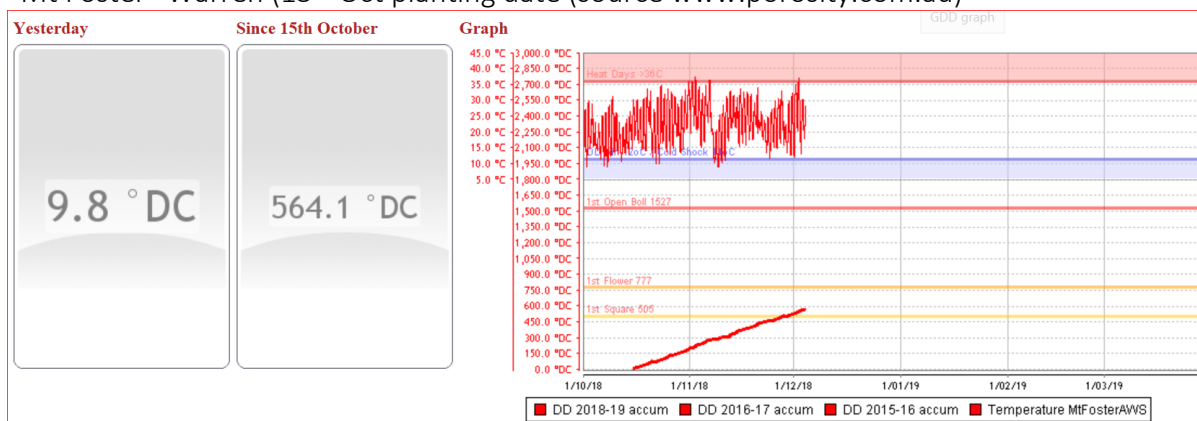
Note: Hot Days have Max Temp $\geq 36^\circ$. Cold Shock Days have Min Temp $\leq 11^\circ$ and are shown with *.

Date	2018	2017	2016	2015	2014	2013	Hi 2014	Lo 1976	Average
Hot Days	2.0	2.0	8.0	6.0	15.0	7.0	15.0	2.0	4.5
Cold Shock	6.0	8.0	22.0	0.0	12.0	16.0	12.0	28.0	14.7
03-Dec	543.5	516.8	468.8	581.0	643.0	514.3	643.0	380.3	491.5

“Farrendale” Narromine (15th of Oct planting date) (source www.porosity.com.au)



“Mt Foster” Warren (15th Oct planting date) (source www.porosity.com.au)





CROP CHECK 2018/2019

Upper Lachlan (Condo , Forbes)

CROP STAGE: 3 nodes and up to 11 nodes – Up to 4 squares on the advanced plants

RAINFALL/IRRIGATION: 15-38mm Have started first irrigation on the flood country. Irrigating to wet plant lines under laterals before the hot weather arrives.

WEEDS: About half the fields requiring interrow cultivation & side dresses urea at the same time. Spreading or water running urea on fields which are not getting side dressed. Dealing with volunteer cotton and Roundup ready Canola volunteers. Another flush of summer weeds are coming through after rain. Will be targeting after 1st irrigation. Pendimethalin treated fields still very clean after the 1st OTT Glyphosate application.

INSECT PESTS / BENIFICALS: Some fields have had a targeted thrip spray.

DISEASE / ENVIRONMENTAL: Plants look ratty after severe wind damage and cold temps in late November as well as increasing thrip pressure.

Please note, that all agronomic decisions should be based around your crop and the pests found in it. It is a snapshot in time and not representative of the whole valley. Updates were received from 1 agronomists/consultants across the upper Lachlan region to pull this Bug/Crop Check together

Upper Macquaire (Dunnedoo, Dubbo , Narromine)

CROP STAGE: 3-12 nodes ,

RAINFALL / IRRIGATION: Rainfall patchy and storm activity saw some regions get a good drench and others miss out. Average of about 15/-20ml. Most furrow getting first irrigation this week and pressurised systems running at 20-25ml/week.

INSECT PESTS / BENIFICALS: Thrip pressure is building in some fields especially numbers building some have needed controlling. Low to moderate Mirid pressure in the early cotton with quite a few nymphs. Small areas with high pressure that might require control. Beneficial numbers moderate.

WEEDS: Plenty. A fair bit of windmill grass and fleabane. Obviously quite a lot of volunteers on back to back.

DISEASE / ENVIRONMENTAL: Usual suspects similar mortality to last season.

Lower Macquarie (Gin Gin to north of Warren)

CROP STAGE : 7-10 leaf, some replant areas, 4 – 14 nodes,



CROP CHECK 2018/2019

RAINFALL/IRRIGATION: 1ST in crop this week. Start from the 5th – 15th for first in crop.

INSECT PESTS / BENEFICALS:

Thrip pressure easing, some helioverpa egg pressure (no concern),
3-5 eggs/m , thrip numbers increasing in places however not worrying crops above 8 nodes.
A few Apple Dimpling bugs about (not needing control)

WEEDS: Usual suspects plus fair bit of Windmill grass, using clethodium.
Back to back fields needing a cultivation to control volunteers.

DISEASE / ENVIRONMENTAL: Outgrown most of the issues did have BRR and Rhizoctonia.
Persistent wind damage across most areas.
Very light hail damage in places.
Moderate hail damage to a few fields North of Warren.

Please note, that all agronomic decisions should be based around your crop and the pests found in it. It is a snapshot in time and not representative of the whole valley. Updates were received from 4 agronomists/consultants across the upper and lower Macquarie to pull this Bug/Crop Check together

Thanks for **all contributors** to the CROP CHECK 2.0 this is a service CottonInfo will be providing bi weekly (when possible) this season to keep Agros, growers , resellers and researchers updated.

If you would like to access the MCGA weather stations at Mt Foster and Farrendale please got to www.porosity.com.au and put in user name mcga and ctstrial as your password. These stations are paid for by the MCGA and are free to use.

Call Amanda Thomas if you have trouble login in. If you would like a summary of all the regional crop checks please email me and I'll make sure you're on the list with the researchers.

Early season meetings being held this Friday 7th of December. (Target Audience is Agros and Resellers)

8.00am in Narromine at Soul Food

1pm at Nevertire Pub

RSVP to juliew@cotton.org.au

AGENDA

Chemical supply issues –

Summary of trials on insects from last season.

Researcher visits for next meeting (who would like to have come to the valley)

Bees

Defoliation/ Off target spray drift.