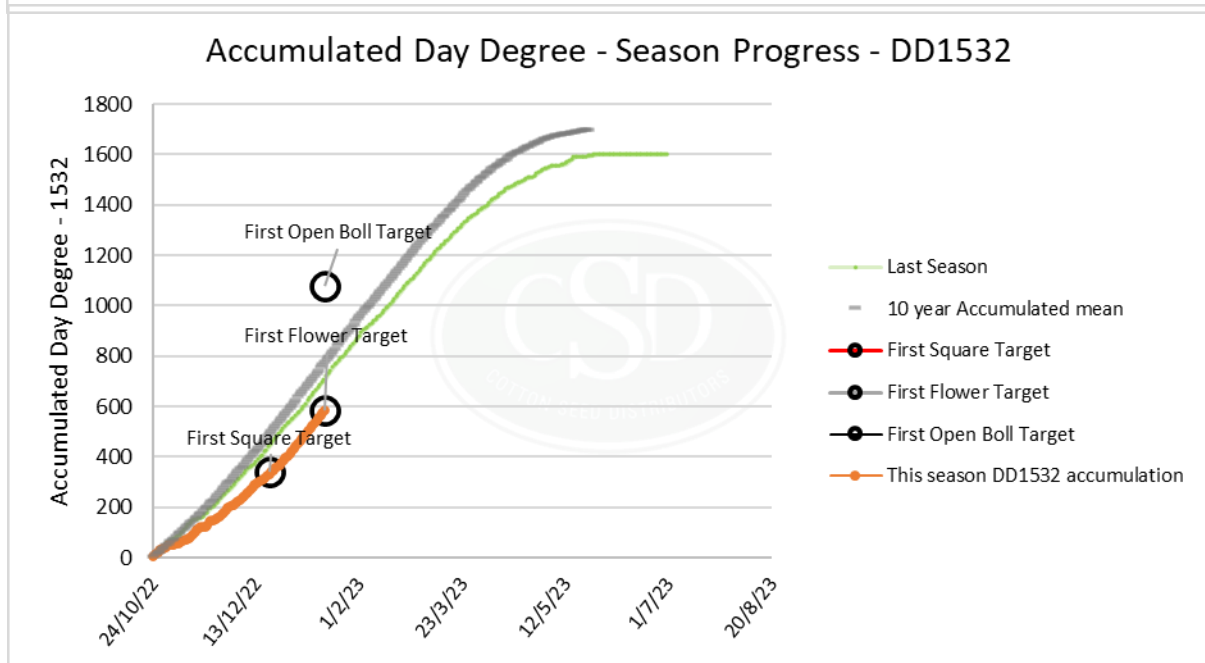
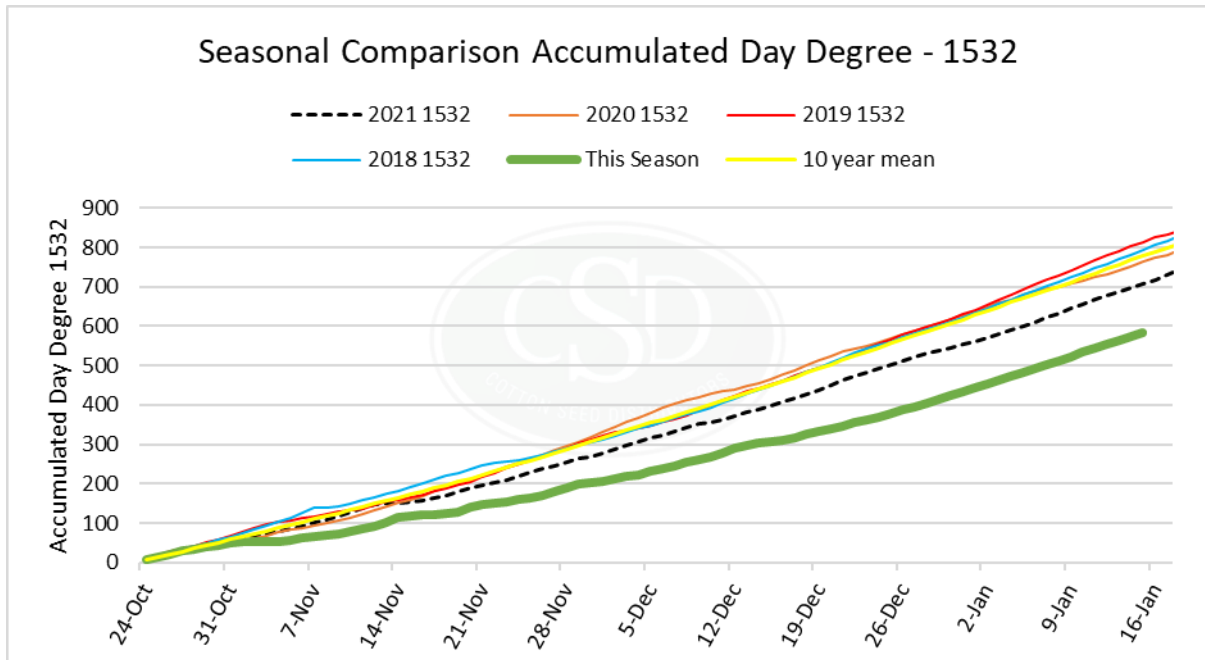




# Macintyre crop check

DATE - 14 January 2023





# Macintyre crop check

## GOONDIWINDI AIRPORT

Download

Date range: 24 October, 2022 to 15 January, 2023 (84 days).

Summary Seasonal comparison

	2022	2021	2020	2019	2018	10 year mean
Base 12	943.1	1067.3 ▲	1173.2 ▲	1314.1 ▲	1215.5 ▲	1172.4 ▲
DD1532*	582.8	706.9 ▲	764.1 ▲	813.3 ▲	792.2 ▲	758.1 ▲
Cold shock days ( $\leq 11^{\circ}\text{C}$ )	11	5 ▼	2 ▼	6 ▼	2 ▼	4.2 ▼
Days above 36°C	5	11 ▲	25 ▲	48 ▲	26 ▲	23.6 ▲
Nights above 25°C	0	0	1 ▲	5 ▲	1 ▲	2.1 ▲
Days above 40°C	0	0	6 ▲	13 ▲	4 ▲	4.8 ▲
Total rainfall (mm)	85.4	367.2 ▲	196.5 ▲	35.6 ▼	109.8 ▲	133.0 ▲
Total radiation (MJ/m <sup>2</sup> )	1968.2	1812.3 ▼	1893.4 ▼	2151.9 ▲	2076.0 ▲	1832.8 ▼
Average temperature (°C)	23.0	24.6 ▲	25.9 ▲	27.5 ▲	26.4 ▲	25.9 ▲

\* Experimental calculation.

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Climate observations and data are obtained via the State of Queensland SILO patched point dataset.

Seasonal Day Degree and historical data sourced from Cotton Seed Distributors Day Degree Calculator found at [www.csd.net.au/ddc](http://www.csd.net.au/ddc). For more specific day degree and crop management detail for your farm, field and variety check out CottonTracka® at [www.cottontracka.com.au](http://www.cottontracka.com.au)

Day degrees (1532 system) for the season continue to be slow to accumulate despite some more “normal” numbers in recent weeks. The average temperature is near 3°C below the 10-year average. Solar radiation remains above the 10-year average which, with the warmer conditions, has provided better growing conditions for the crop. The [BOM temperature outlook](#) is suggesting temperatures will be more normal through until the second week of February with potential for warmer than normal temperatures from mid-Feb into March.



# Macintyre crop check

AREA	Macintyre Valley
<b>Crop Stage</b>	<ul style="list-style-type: none"> <li>Crops range from 10-20 nodes with earlier crops flowering just after Xmas.</li> </ul>
<b>Irrigation</b>	<ul style="list-style-type: none"> <li>2-4 in crop irrigations completed.</li> </ul>
<b>Insects/Beneficial</b>	<ul style="list-style-type: none"> <li>Mirids sporadic causing variable damage</li> <li>Complex of sucking insects developing including GVB, BSB and stainers.</li> </ul>
<b>Weeds</b>	<ul style="list-style-type: none"> <li>Generally no issues although post-flooding seedbanks of pigweed and barnyard grass providing a challenge for some. Scattered fleabane.</li> </ul>
<b>Disease</b>	<ul style="list-style-type: none"> <li>Cool period in mid-December saw a loss of plants from verticillium which has steadied with arrival of warmer conditions.</li> <li>Fusarium still evident/obvious although new infection/spread has eased with warmer temperatures.</li> </ul>
<b>Environment/Drift</b>	<ul style="list-style-type: none"> <li>Wide spread drift symptoms evident mostly of minor severity with late crops more affected. Pre-Xmas 90% of crops showing light symptoms however this has come back to around 10%.</li> </ul>
<b>Comments</b>	<ul style="list-style-type: none"> <li>“Early crops looking very good now, late crops starting to improve”</li> <li>“January warm conditions have allowed crops to achieve a lot. Crops still 1-14 days behind where they would normally be at this time.”</li> </ul>

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