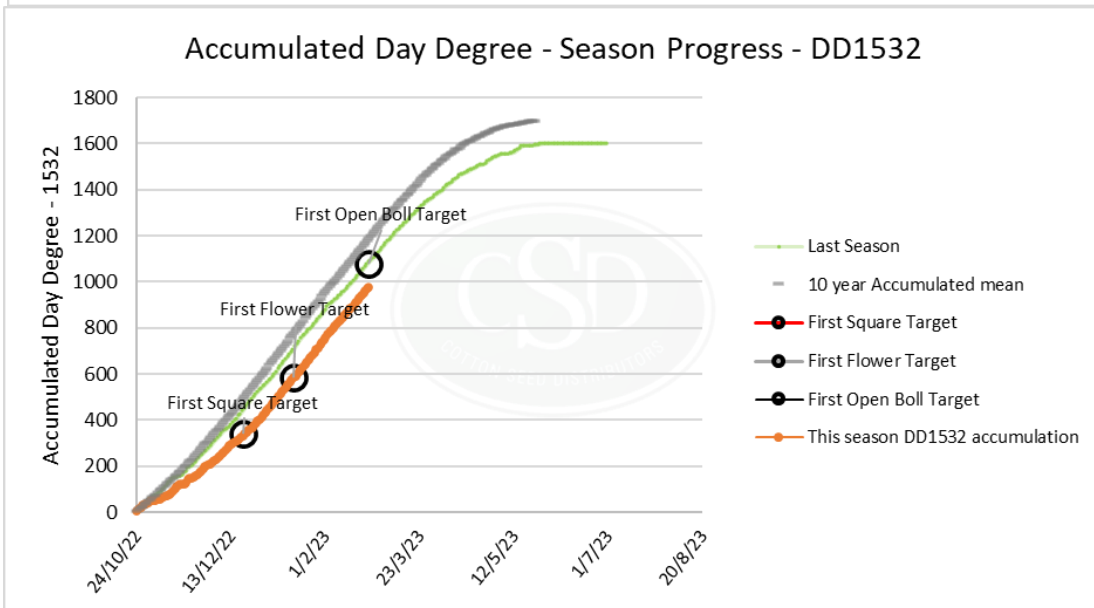
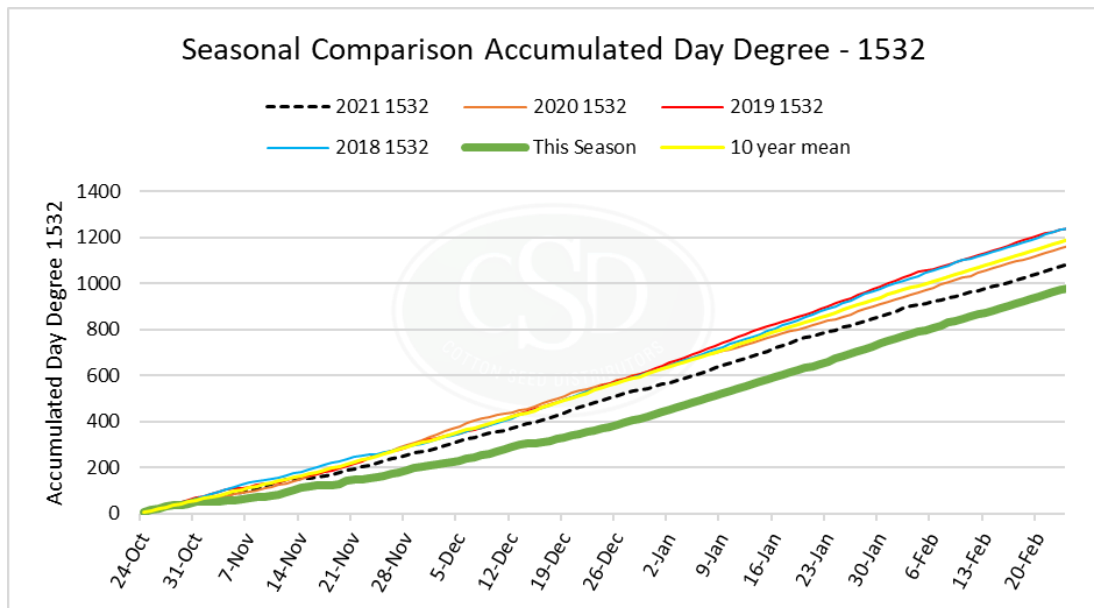




Macintyre crop check

DATE - 23 February 2023





Macintyre crop check

GOONDIWINDI AIRPORT

Download

Date range: 24 October, 2022 to 24 February, 2023 (124 days).

Summary Seasonal comparison

	2022	2021	2020	2019	2018	10 year mean
Base 12	1552.4	1625.0 ▲	1753.9 ▲	1935.6 ▲	1917.5 ▲	1793.4 ▲
DD1532*	979.3	1085.5 ▲	1165.1 ▲	1240.0 ▲	1241.2 ▲	1169.4 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	11	5 ▼	2 ▼	6 ▼	2 ▼	4.2 ▼
Days above 36°C	22	18 ▼	29 ▲	60 ▲	55 ▲	38.8 ▲
Nights above 25°C	1	1	1	9 ▲	1	3.6 ▲
Days above 40°C	0	0	6 ▲	13 ▲	10 ▲	7.7 ▲
Total rainfall (mm)	102.2	414.7 ▲	265.1 ▲	223.3 ▲	114.7 ▲	193.1 ▲
Total radiation (MJ/m ²)	2821.8	2636.2 ▼	2788.2 ▼	2907.0 ▲	3038.3 ▲	2639.7 ▼
Average temperature (°C)	24.4	25.1 ▲	26.1 ▲	27.5 ▲	27.4 ▲	26.4 ▲

* 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. For more specific day degree and crop management detail for your farm, field and variety check out CottonTracka® at www.cottontracka.com.au

Day degree accumulation has held relative to previous year and the 10 year average since early January but remains behind these due to the unusually cool start. The average temperature remains approximately 2°C below the 10-year average. The improved conditions have seen most crops grow well over the past 6 weeks. The [BOM outlooks](#) are suggesting warmer and drier-than-normal conditions for coming months.

A reminder that the industry project monitoring insecticide resistance levels in sucking insects (mites, aphids,



Macintyre crop check

thrips and mirids) is seeking collections so please contact your local CottonInfo REO if you have populations you are concerned about or that could be sampled. This season I have collected samples of mirids, broad mites and aphids across the Macintyre and Balonne. Jamie Hopkinson, QDAF, will visit the regions in early March to conduct sampling for SLW so it would be beneficial to be aware of where populations are building. Let me know.

AREA	Macintyre Valley
Crop Stage	<ul style="list-style-type: none"> • Crop stage ranges from around 6 NAWF to open boll, although most have hit cut out.
Irrigation	<ul style="list-style-type: none"> • Crops have used a lot of water in the dry conditions being experienced with many expected to receive 10 or more irrigations. • Adequate water on hand to finish crops but usage may impact next crop. • Minimal in-crop rain for dryland crops
Insects/Beneficial	<ul style="list-style-type: none"> • Mites (Broad) and aphids developing. Control implemented on mites in a few cases • The complex of sucking insects including GVB, BSB and stainers have been quieter in recent weeks. • SLW present and building to west of Goondiwindi to point of control measures implemented.
Weeds	<ul style="list-style-type: none"> • Generally no issues. Older fleabane present and control of Sesbania starting.
Disease	<ul style="list-style-type: none"> • Verticillium significant in the problematic fields. • Fusarium still evident
Environment/Drift	<ul style="list-style-type: none"> • No new drift events and crops have grown through leaving symptomatic leaves in the mid-canopy.
Comments	<ul style="list-style-type: none"> • “Generally good growing conditions – no extreme heat and plenty of clear skies” • “Weather during flowering period has been great, crops look very good.”

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