



# Namoi crop check

**DATE** – 22<sup>nd</sup> December 2022

Area – Namoi	
<b>Crop Stage</b>	<p>Gunnedah</p> <ul style="list-style-type: none"> <li>- Emergence – 12 nodes</li> <li>- Kicked into gear after very slow start</li> <li>- Late planted crops &amp; replant areas</li> </ul> <p>Narrabri</p> <ul style="list-style-type: none"> <li>- 4 – 12 nodes</li> <li>- Squaring on more mature crops</li> </ul> <p>Walgett</p> <ul style="list-style-type: none"> <li>- 5 – 12 nodes</li> <li>- Squaring on some crops, 4-6 true leaves on others</li> </ul> <p>No reports of First Flower yet.</p>
<b>Irrigation</b>	<ul style="list-style-type: none"> <li>- First irrigation has occurred for most crops.</li> <li>- Some fields had fertiliser spread and incorporated via cultivation and then watered</li> <li>- Rainfall due this weekend will provide a much-needed top up for dryland fields</li> </ul>
<b>Pests/Beneficial Insects</b>	<ul style="list-style-type: none"> <li>- Low population of mirids but no insecticide measures yet</li> <li>- Thrips caused lots of damage this year</li> <li>- Mites turned up early and have caused reddening of leaves. A few sprays in other valleys noted. Thrips (as a beneficial) proving effective in keeping spread under control.</li> <li>- Apple Dimpling Bugs present</li> <li>- Beneficials – ants, ladybugs, spiders present</li> </ul>
<b>Weeds</b>	<ul style="list-style-type: none"> <li>- First RoundUp Ready applications</li> <li>- Yellow vine, fleabane, pigweed, persistent milk thistle, grasses (Phalaris, windmill grass), wireweed</li> <li>- Cultivation ongoing in places for weed control</li> </ul>



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<b>Disease</b>	<ul style="list-style-type: none"> <li>- Black Root Rot damage &amp; plant death to young cotton – not surprising given the conditions we experienced</li> </ul>
<b>General comments</b>	<ul style="list-style-type: none"> <li>- Food affected areas replanted. Cotton was very slow to get going.</li> <li>- Wireworm caused damage to a lot of crops.</li> <li>- Cold &amp; wet to start to the season with cold shock effects seen.</li> <li>- Plenty of moisture at depth, just need to keep the topsoil damp</li> <li>- Drift evidence throughout a lot of crops this year.</li> <li>- 2,4-D effects causing abnormal growth and mild to harsh in severity</li> </ul> <p>See below graphs for Seasonal Comparison of Accumulated Day Degrees. It is no surprise that we are tracking well below previous years. That’s not to say that the crop isn’t growing, we just aren’t receiving as much heat accumulation combined with cool overnight temperatures!</p>

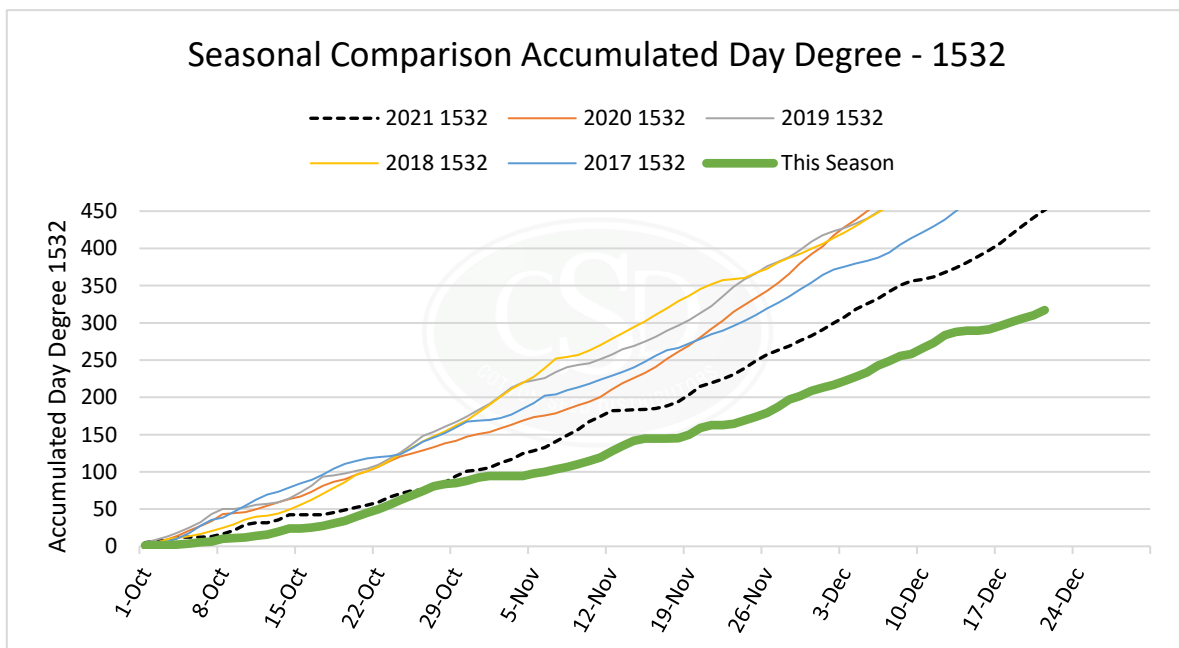


Figure 1: Accumulated Day Degree Seasonal Comparison – Narrabri Airport, taken 21<sup>st</sup> December 2022



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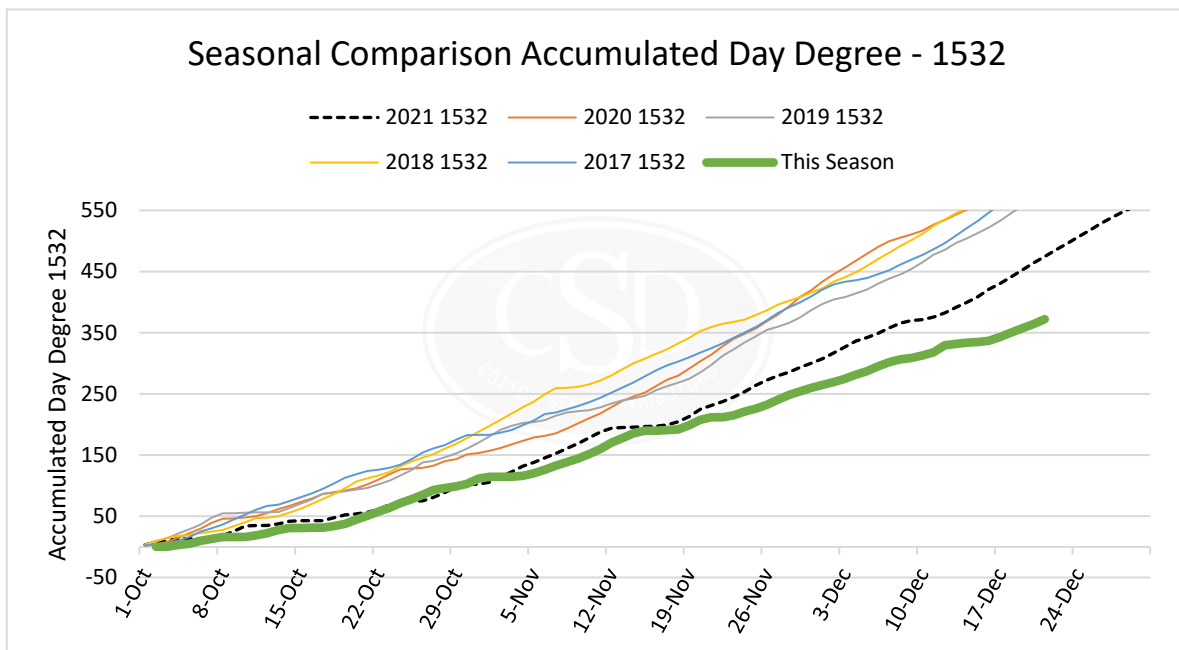


Figure 2: Accumulated Day Degree Seasonal Comparison – Walgett Airport, taken 21<sup>st</sup> December 2022

Seasonal Day Degree and historical data is 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)

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