



Southern NSW crop check

Southern Valleys 22nd December 2022	
Crop Stage	Big range from 2 -12 nodes, Earlier October planted crops around 10 nodes with 1 to 2 squares. Slow growth over last few weeks at 1 to 1.5 nodes/week First fruiting branch 7 th to 9 th node
Irrigation	2 nd Irrigation about to start before predicted heat next week
Insects/Beneficials	Low to moderate mirid numbers and Apple dimple bug
Weeds	A lot of fleabane and wireweed. More weeds around where pre emergents were dropped out due to the cold start
Disease/Environmental	Pushing through disease setbacks now Some early squares flaring and expecting to see an environmental shed
Comments	Warmer weather welcome Low rate of mepiquat planned in next two weeks for more mature crops N strategy will be fluid and in line with crop potential First flower for a lot of crops mid to late January. Check out CSD Simulated time to estimated first flower

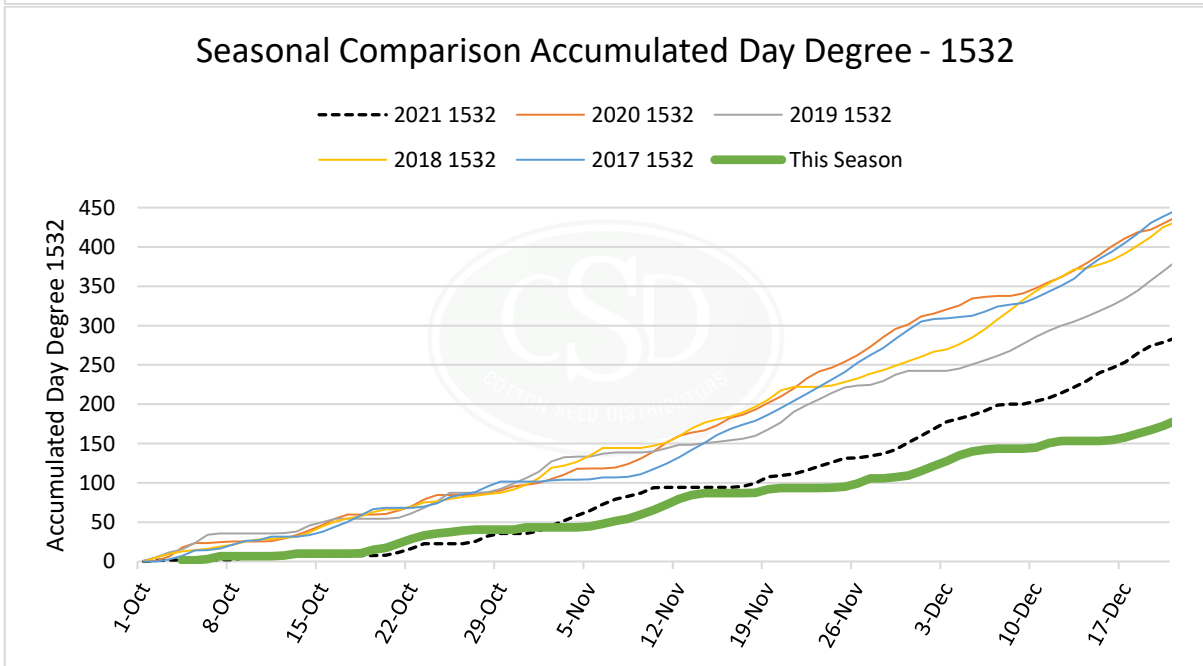
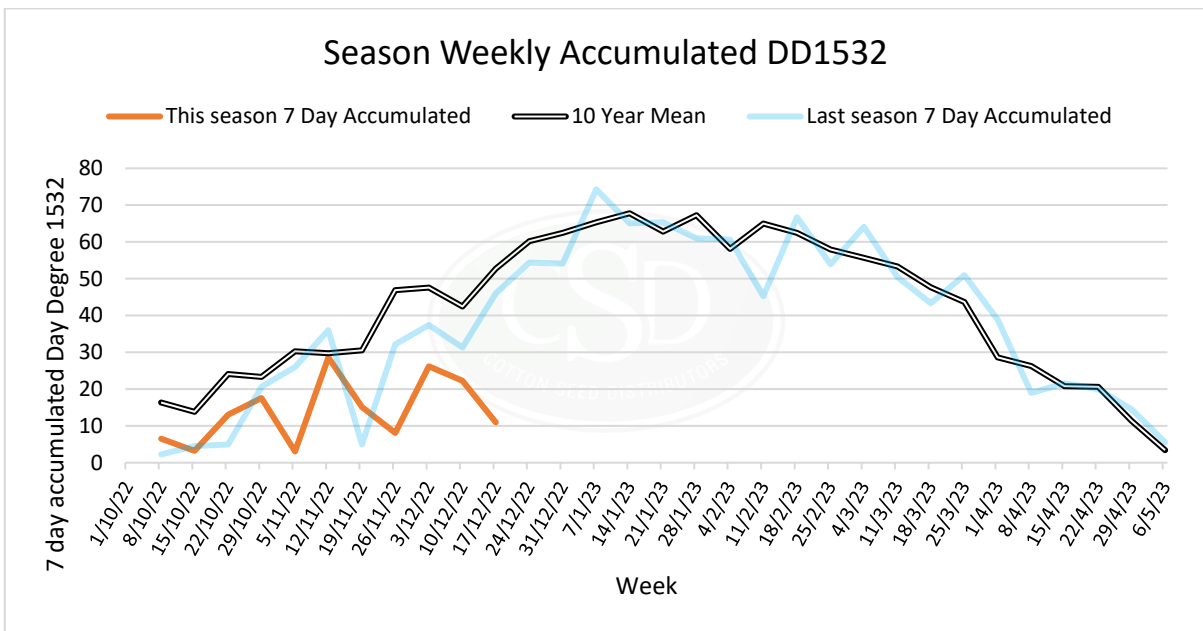
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Seasonal Day Degree and historical data is sourced from Cotton Seed Distributors Day Degree Calculator found at www.csd.net.au/ddc. For more specific day degree and crop management detail for your farm, field and variety check out CottonTracka® at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



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HILLSTON AIRPORT

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Date range: 15 October, 2022 to 21 December, 2022 (68 days).

Summary Seasonal comparison

	2022	2021	2020	2019	2018	10 year mean
Base 12	483.4	601.7 ▲	757.5 ▲	722.3 ▲	736.2 ▲	706.3 ▲
DD1532*	208.7	322.0 ▲	434.4 ▲	384.2 ▲	431.3 ▲	389.6 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	32	19 ▼	18 ▼	22 ▼	14 ▼	20.2 ▼
Days above 36°C	0	3 ▲	10 ▲	13 ▲	11 ▲	9.9 ▲
Nights above 25°C	0	0	2 ▲	3 ▲	3 ▲	1.5 ▲
Days above 40°C	0	1 ▲	6 ▲	7 ▲	0	3.0 ▲
Total rainfall (mm)	147.1	187.9 ▲	81.6 ▼	27.8 ▼	72.0 ▼	82.8 ▼
Total radiation (MJ/m ²)	1440.6	1428.7 ▼	1634.5 ▲	1709.8 ▲	1619.9 ▲	1460.4 ▲
Average temperature (°C)	18.2	20.2 ▲	22.8 ▲	22.1 ▲	22.4 ▲	21.8 ▲

* Experimental calculation.



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GRIFFITH AIRPORT AWS

Date range: 15 October, 2022 to 21 December, 2022 (68 days).

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Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	450.7	563.1 ▲	712.8 ▲	682.2 ▲	698.7 ▲	665.8 ▲
DD1532*	169.6	277.6 ▲	398.0 ▲	335.7 ▲	395.0 ▲	350.6 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	37	27 ▼	16 ▼	30 ▼	23 ▼	24.5 ▼
Days above 36°C	0	1 ▲	10 ▲	13 ▲	8 ▲	7.7 ▲
Nights above 25°C	0	0	1 ▲	2 ▲	1 ▲	1.1 ▲
Days above 40°C	0	1 ▲	3 ▲	6 ▲	0	1.9 ▲
Total rainfall (mm)	206.8	130.6 ▼	73.6 ▼	49.8 ▼	113.0 ▼	85.7 ▼
Total radiation (MJ/m ²)	1409.7	1396.7 ▼	1602.2 ▲	1671.5 ▲	1584.1 ▲	1431.1 ▲
Average temperature (°C)	17.4	19.5 ▲	22.0 ▲	21.2 ▲	21.8 ▲	21.1 ▲

* Experimental calculation.

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Date range: 15 October, 2022 to 21 December, 2022 (68 days).

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Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	443.4	531.2 ▲	657.9 ▲	622.1 ▲	651.8 ▲	616.9 ▲
DD1532*	169.3	232.1 ▲	334.7 ▲	280.2 ▲	344.4 ▲	301.6 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	36	35 ▼	30 ▼	36	26 ▼	30.6 ▼
Days above 36°C	0	2 ▲	8 ▲	9 ▲	5 ▲	6.5 ▲
Nights above 25°C	0	0	0	1 ▲	1 ▲	0.6 ▲
Days above 40°C	0	1 ▲	2 ▲	4 ▲	0	1.2 ▲
Total rainfall (mm)	210.0	100.8 ▼	69.1 ▼	32.7 ▼	109.8 ▼	88.0 ▼
Total radiation (MJ/m ²)	1385.0	1425.7 ▲	1577.8 ▲	1642.4 ▲	1547.1 ▲	1406.0 ▲
Average temperature (°C)	17.4	18.6 ▲	20.9 ▲	20.1 ▲	20.9 ▲	20.2 ▲

* Experimental calculation.



Information when you need it



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is a joint initiative of



Best Practice

