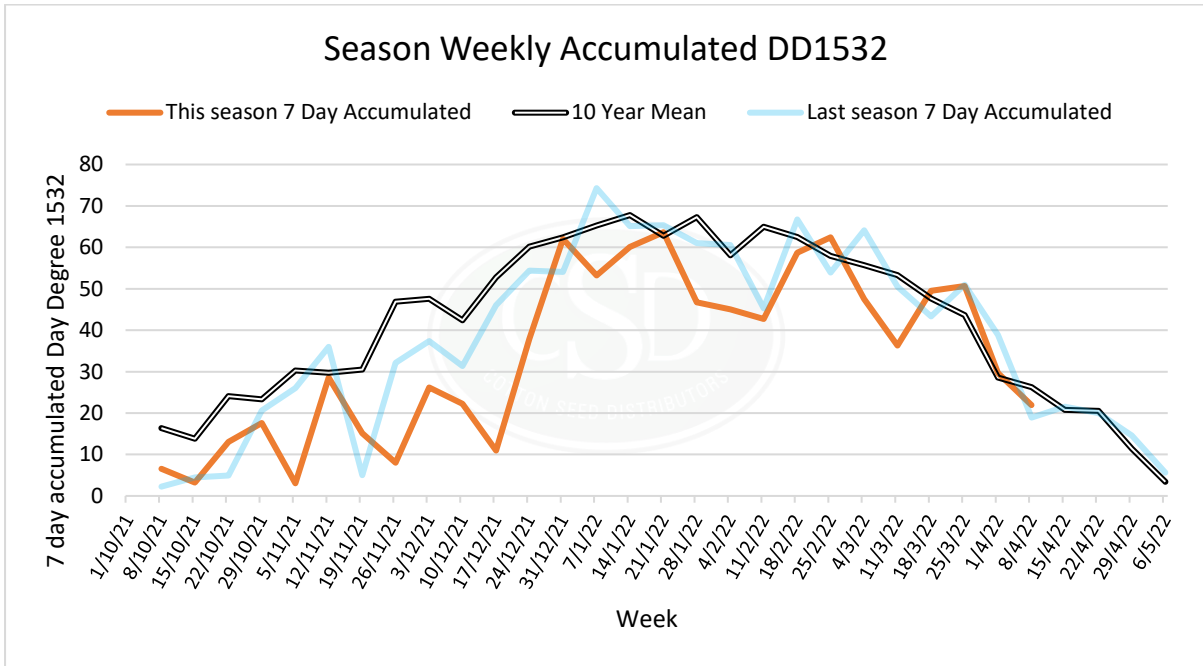


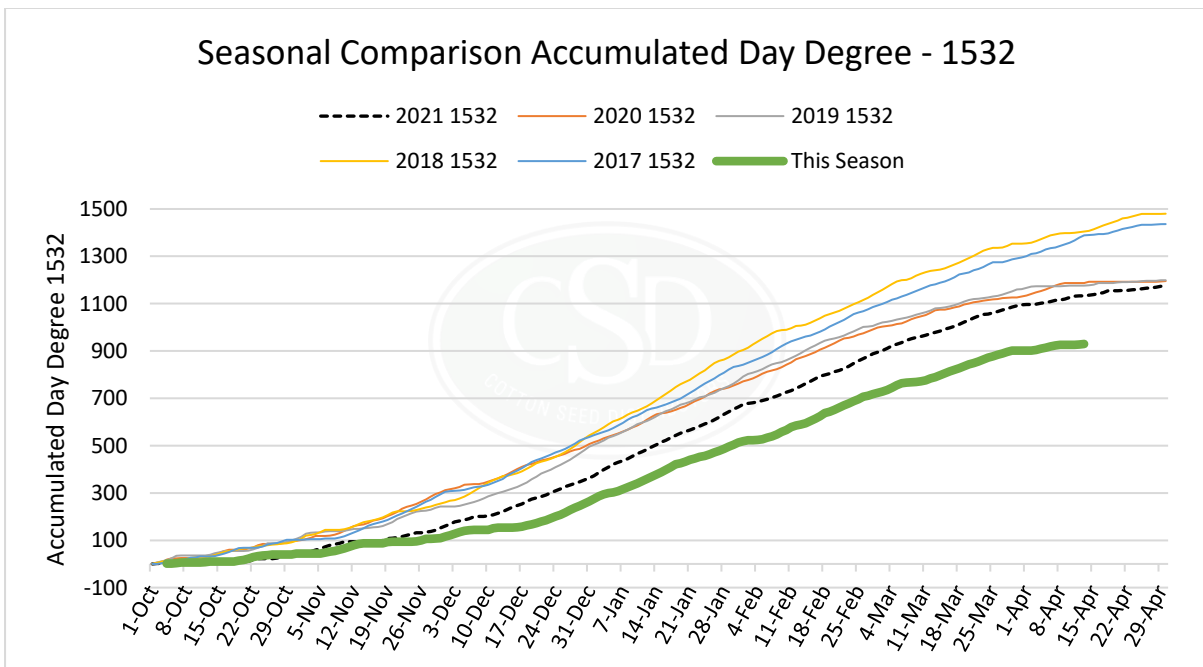


Southern NSW crop check

14th April 2023



Graph 1. Griffith Airport data



Graph 2. Griffith Airport data



Southern NSW crop check

Crop Stage	<ul style="list-style-type: none"> • 0 - 4 bolls to mature • 5 -10% bolls open, normally 30% open but bolls mature. • Positions that have flowered after Last effective flower date are ineffective. • 1st defoliation pass just starting now 11th -14th April. • The majority of crops are scheduled to have their first pass 20 – 25th April.
Insects/Beneficials	<ul style="list-style-type: none"> • Aphids and whitefly present in some crops, some honeydew on leaves, rain helping to wash off before more open bolls.
Weeds	<ul style="list-style-type: none"> • Some glyphosate applications with later defoliation passes planned for targeted fields.
Disease	<ul style="list-style-type: none"> • Confirmed Verticillium wilt in some fields.
Comments	<ul style="list-style-type: none"> • Concerned about wet paddocks by the time picking comes around. Compaction is going to be an issue. • Challenging conditions for defoliation and harvest so hopefully crops have been well managed and will start naturally undergoing senescence. • Later planting combined with below day degree accumulation will make below base grade micronaire common this season. • Most fallow fields hilled up by the end of April.



Southern NSW crop check

HILLSTON AIRPORT

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Date range: 1 October, 2022 to 13 April, 2023 (195 days).

[Summary](#) [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1887.3	2075.2 ▲	2145.3 ▲	2237.5 ▲	2514.4 ▲	2272.0 ▲
DD1532*	1018.3	1249.4 ▲	1272.2 ▲	1293.0 ▲	1504.3 ▲	1333.6 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	59	36 ▼	42 ▼	40 ▼	32 ▼	40.2 ▼
Days above 36°C	28	17 ▼	22 ▼	40 ▲	56 ▲	39.9 ▲
Nights above 25°C	1	2 ▲	4 ▲	10 ▲	25 ▲	8.6 ▲
Days above 40°C	4	1 ▼	10 ▲	18 ▲	25 ▲	12.8 ▲
Total rainfall (mm)	375.3	306.0 ▼	274.8 ▼	249.1 ▼	148.8 ▼	205.1 ▼
Total radiation (MJ/m^2)	4065.1	3969.5 ▼	4375.9 ▲	4334.3 ▲	4393.0 ▲	3925.8 ▼
Average temperature ($^{\circ}\text{C}$)	21.1	22.3 ▲	22.7 ▲	23.1 ▲	24.6 ▲	23.3 ▲

HAY CSIRO AWS

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Date range: 1 October, 2022 to 13 April, 2023 (195 days).

[Summary](#) [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1833.1	2043.4 ▲	2065.0 ▲	2113.1 ▲	2383.5 ▲	2172.5 ▲
DD1532*	946.7	1182.4 ▲	1144.5 ▲	1164.5 ▲	1359.7 ▲	1217.2 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	65	50 ▼	63 ▼	53 ▼	51 ▼	52.9 ▼
Days above 36°C	27	18 ▼	27	38 ▲	52 ▲	39.7 ▲
Nights above 25°C	0	1 ▲	3 ▲	8 ▲	17 ▲	6.8 ▲
Days above 40°C	4	2 ▼	8 ▲	15 ▲	25 ▲	12.5 ▲
Total rainfall (mm)	352.9	278.4 ▼	157.0 ▼	188.1 ▼	138.9 ▼	170.4 ▼
Total radiation (MJ/m^2)	4038.0	4057.1 ▲	4370.9 ▲	4342.4 ▲	4383.2 ▲	3908.1 ▼
Average temperature ($^{\circ}\text{C}$)	20.7	22.0 ▲	22.0 ▲	22.3 ▲	23.8 ▲	22.6 ▲



Southern NSW crop check

DARLINGTON POINT (COUNCIL DEPOT)

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Date range: 1 October, 2022 to 13 April, 2023 (195 days).

Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1807.5	1948.6 ▲	2034.5 ▲	2101.3 ▲	2375.2 ▲	2137.1 ▲
DD1532*	949.7	1128.1 ▲	1162.0 ▲	1161.5 ▲	1390.3 ▲	1220.4 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	62	48 ▼	49 ▼	51 ▼	47 ▼	49.2 ▼
Days above 36°C	24	13 ▼	23 ▼	35 ▲	47 ▲	32.7 ▲
Nights above 25°C	0	0	2 ▲	8 ▲	17 ▲	5.2 ▲
Days above 40°C	3	1 ▼	9 ▲	16 ▲	22 ▲	9.8 ▲
Total rainfall (mm)	385.2	359.9 ▼	251.1 ▼	241.7 ▼	148.3 ▼	216.4 ▼
Total radiation (MJ/m ²)	3949.2	3878.5 ▼	4249.1 ▲	4213.0 ▲	4253.9 ▲	3824.5 ▼
Average temperature (°C)	20.6	21.5 ▲	22.0 ▲	22.3 ▲	23.8 ▲	22.5 ▲

JERILDERIE TREATMENT WORKS

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Date range: 1 October, 2022 to 13 April, 2023 (195 days).

Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1723.4	1864.0 ▲	1906.1 ▲	1968.8 ▲	2234.7 ▲	2014.2 ▲
DD1532*	885.0	1035.8 ▲	1025.4 ▲	1035.7 ▲	1251.6 ▲	1104.1 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	67	59 ▼	62 ▼	61 ▼	55 ▼	58.2 ▼
Days above 36°C	21	12 ▼	21	28 ▲	40 ▲	28.6 ▲
Nights above 25°C	0	0	0	3 ▲	8 ▲	2.5 ▲
Days above 40°C	1	1	5 ▲	13 ▲	17 ▲	7.9 ▲
Total rainfall (mm)	467.8	285.5 ▼	244.7 ▼	205.7 ▼	178.7 ▼	213.2 ▼
Total radiation (MJ/m ²)	3893.4	3895.2 ▲	4183.2 ▲	4163.8 ▲	4213.6 ▲	3771.1 ▼
Average temperature (°C)	20.1	20.9 ▲	21.2 ▲	21.5 ▲	23.0 ▲	21.7 ▲



Southern NSW crop check

GRIFFITH AIRPORT AWS

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Date range: 1 October, 2022 to 13 April, 2023 (195 days).

Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1794.6	1946.3 ▲	2045.0 ▲	2123.6 ▲	2393.4 ▲	2144.6 ▲
DD1532*	929.5	1132.5 ▲	1187.3 ▲	1176.2 ▲	1404.5 ▲	1227.6 ▲
Cold shock days ($\leq 11^{\circ}\text{C}$)	66	47 ▼	42 ▼	52 ▼	47 ▼	48.2 ▼
Days above 36°C	24	11 ▼	21 ▼	36 ▲	46 ▲	32.0 ▲
Nights above 25°C	0	1 ▲	4 ▲	8 ▲	16 ▲	5.9 ▲
Days above 40°C	3	1 ▼	8 ▲	16 ▲	22 ▲	10.1 ▲
Total rainfall (mm)	373.0	410.4 ▲	233.4 ▼	250.0 ▼	183.6 ▼	220.5 ▼
Total radiation (MJ/m^2)	3974.4	3870.3 ▼	4264.8 ▲	4235.0 ▲	4274.7 ▲	3841.7 ▼
Average temperature ($^{\circ}\text{C}$)	20.5	21.5 ▲	22.1 ▲	22.4 ▲	23.9 ▲	22.5 ▲

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