

## Estimated cotton grown and water used in the 2020-21 year

Table 1: Cotton estimates and water usage 2020/2021

Valley	NSW Border Rivers	Gwydir	Namoi	Macquarie / Wambuil	Total
Cotton forecast (Bales) <sup>1</sup>	48,750	182,000	429,000	370,500	<b>1,030,250</b>
Estimated water requirements <sup>2</sup> (ML)	48,750	182,000	429,000	370,500	<b>1,030,250</b>
Water allocated <sup>3</sup> (ML)	154,059	310,428	480,578	441,235	<b>1,386,299</b>
Water Usage <sup>4</sup> (ML)	20,656	107,687	79,853	123,569	<b>331,765</b>
<b>Water shortage (ML)</b>	<b>28,094</b>	<b>74,313</b>	<b>414,118</b>	<b>303,043</b>	<b>698,485</b>
Storage capacity <sup>5</sup> (ML)	179,000	553,000	312,000	167,000	<b>1,211,000</b>

Table 2: Water allocated and used in 2020-21

Valley	NSW Border Rivers	Gwydir	Namoi	Macquarie / Wambuil	Total
High & General security water allocated	18,666	100,172	129,405	284,569	<b>532,811</b>
High & General Security water used	16,701	42,800	20,905	103,333	<b>183,739</b>
<b>Unused high &amp; general security</b>	<b>1,965</b>	<b>57,372</b>	<b>108,500</b>	<b>181,236</b>	<b>349,072</b>

<sup>1</sup> ABARES. (2021). *Natural fibres: March quarter 2021*. Canberra: ABARES. <https://www.agriculture.gov.au/abares/research-topics/agricultural-outlook/natural-fibres>

<sup>2</sup> Based on 10 bales / ha and 10 megalitres / bale

<sup>3</sup> WaterNSW. (2021). *NSW Water Register*. <https://waterregister.watarnsw.com.au/water-register-frame>

<sup>4</sup> WaterNSW. (2021). *NSW Water Register*. <https://waterregister.watarnsw.com.au/water-register-frame>

<sup>5</sup> DPIE. (2020). *1046 – Temporary water restrictions for floodplain harvesting (Northern Basin)* Sydney: NSW Parliament. [https://www.parliament.nsw.gov.au/lc/papers/Pages/qaprofiles/temporary-water-restriction-for-floodpla\\_244695.aspx](https://www.parliament.nsw.gov.au/lc/papers/Pages/qaprofiles/temporary-water-restriction-for-floodpla_244695.aspx)

