



TRY BEFORE YOU BUY

Terry Ryan | Milla-Lee, Bowenville, QLD

Key takeaway

- Sicot 743B3XF performs well under overhead irrigation systems.
- Above average Day Degrees favoured both indeterminate varieties, Sicot 748B3XF and Sicot 743B3XF.
- Late rainfall allowed Sicot 743B3XF to get ahead due to slightly later maturity.

System

Irrigated
Solid 1m

Rainfall

354mm
15 irrigations

Top yield

17.19ba/ha
Sicot 743B3XF

Trial snapshot

Planting date	17/10/2025
Picking date	04/05/2026
Previous crop	Long fallow cotton
Varieties	Sicot 748B3F & Sicot 743B3XF

Season & field summary

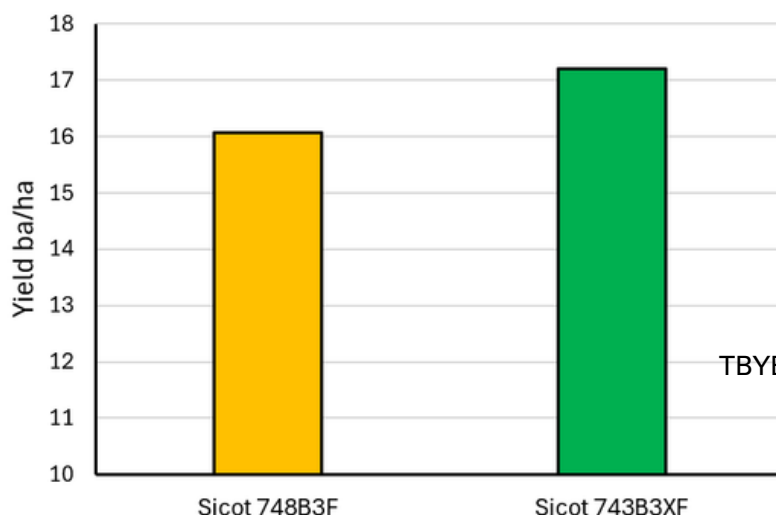
The crop was planted into good conditions following long fallow cotton and watered up. Establishment was above 80% across both varieties. The crop suffered a small hailstorm in late October but there was not much observed damage.



Agronomist's perspective

“The Sicot 743B3XF had lower early season vigour compared to Sicot 748B3F. No visually significant differences in establishment or early growth were observed. The main stressor during the season was moisture availability, driven by below-average rainfall and limited irrigation water. By late February, the crop was approaching moisture deficit conditions but fortunately received rainfall that supported the finish of the season. This late rainfall would likely have provided a greater benefit to Sicot 743B3XF than Sicot 748B3F due to its slightly later maturity. Sicot 743B3XF is more compact than the Sicot 748B3F and would likely need less growth regulant. Sicot 743B3XF is slower to mature, seems to have a longer season than Sicot 748B3F. For this reason, usually wouldn't target this variety in these areas as season length can be an issue. This season being slightly above average day degrees and nice finish probably favoured the longer variety in Sicot 743B3XF. Sicot 743B3XF achieved a significantly higher gin turnout, resulting in a lint yield of 17.19 bales/ha compared with 16.06 bales/ha for Sicot 748B3F. While the higher turnout was the primary driver of the yield advantage, some of the difference may also be attributed to the additional late-season fruit retained by Sicot 743B3XF. Based on the data currently available, I would not favour Sicot 743B3XF over Sicot 748B3F without further testing and experience. On this farm, I would be hesitant to adopt Sicot 743B3XF more broadly due to its greater reliance on a long season to realise its yield potential. - **Tim Richards, MCA Agronomy**

Trial results



TBYB yield results from Terry Ryan at Mila-Lee, Bowenville.
Results are from LDC gin, Dalby.

Yield & fibre quality comparison

Variety	Yield	Staple length	Strength (g/tex)	Micronaire	Lint turnout (%)
Sicot 748B3F	16.06	1.24	31.0	4.4	41.6
Sicot 743B3XF	17.19	1.24	31.0	4.5	45.9

Agronomy insights

Both varieties, Sicot 748B3F and Sicot 743B3XF behaved similarly throughout the season, both reaching first flower and cutout around the same time. Sicot 743B3XF seemed to put on later bolls finishing with around 10 bolls more per meter. The crop received five irrigations of 2.5Ml/ha but eventually fell into a deficit before rain in February. Overall the crop had four mirid sprays and recieved 30ml/ha of flowering mepiquat before cutout application.

Fit & management considerations

Although Sicot 748B3F and Sicot 743B3XF are both more indeterminant varieties, Sicot 743B3XF matured slightly later than Sicot 748B3F in this field. The later rain supported Sicot 743B3XF in its final fruit setting and it has been observed that Sicot 743B3XF performs well under overhead irrigation systems in a full season situation.