



Try Before You Buy

A. Thomas | 'Strathern', Warren, NSW

Key takeaway

Sicot 743B3XF delivered yield in a higher water use season. The field posed irrigation challenges, particularly under the area planted to Sicot 761B3XF

System

Irrigated
Solid 1m

Rainfall

121mm
10 irrigations

Top yield

14.19ba/ha
Sicot 743B3XF

Trial snapshot

Planting date 13/10/2025

Picking date 15/04/2026

Varieties Sicot 743B3XF
against Sicot
761B3XF



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Image of the picker data for the Sicot 761B3XF area.

Grower perspective

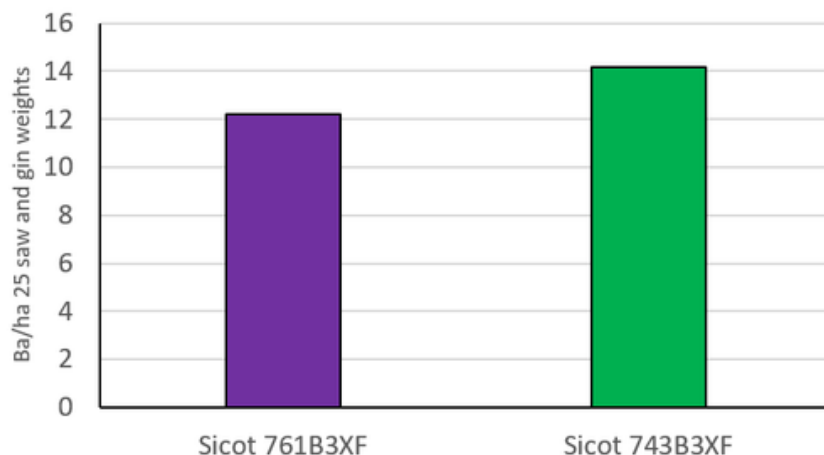
“ We put in 6ha of Sicot 761B3XF in against some Sicot 743B3XF, which we grew elsewhere on the farm. It all came out of the ground really well , we did plant 18 seeds/ m and most of them came up, so both varieties had plenty of plants. We had little insect pressure and good retention right up until late Jan. This season was a dry one, and it saw us use more water than normal across ten irrigations. We did see some boll loss during this period, but not too bad.

There were issues with infiltration on the trial end of the field and, compared to rest of the field, the crop ended up being quite compact. Outcome was the Sicot 743B3XF did better, we did have another field that was prone to going a bit rank and in hindsight I should have put the Sicot 761B3XF in that field to see how it did.

Season & field summary

The crop came out of the ground well with good early vigour and very little thrip damage. The season had little effective rainfall, calling for ten irrigations and more water than normal. A hot spell caused some fruit loss, and the Sicot 761B3XF seemed drop more fruit. A good finish was experienced into defoliation and picking.

Trial results



TBYB yield results from Amanda Thomas, Warren.
Results from commercial ginning & CSD 25 saw classing.

Yield & fibre quality comparison

Variety	Yield	Staple length (imp)	Strength (g/tex)	Micronaire	Lint turnout (%)
Sicot 743B3XF	14.19	1.18	32.5	5	45.8
Sicot 761B3XF	12.21	1.25	33.9	4.4	45.6

Agronomy insights

This trial did not experience the thrips pressure or damage observed elsewhere, getting both crops off to a great start. Lack of in season rain placed an emphasis on irrigation and there were challenges in the field where the trial was planted. The hot snap late January did see some fruit loss, but soil moisture was available during this period, however there was high number of days over 45°C and that impacted plenty potential.

Fit & management considerations

Sicot 743B3XF seems to capitalise on the conditions in the Macquarie. Although field conditions might have limited the yield of the Sicot 761B3XF, the outcome is similar to other trials in the region. It will be interesting to see if the commercially ginned fibre also has higher micronaire and if the length is affected, given the increase in turn out from commercial ginning. As always, use this case study alongside broader regional data in making variety changes.