



Try Before You Buy

Charlie Coles | 'Jedburgh', Warren, NSW

Key takeaway

- Solid performance by the Sicala 320B3XF
- Irrigations were modified to cope with seasonal weather
- Both varieties grew out of early season thrips pressure

System

Irrigated
Solid 1m

Rainfall

112mm
11 irrigations

Top yield

16.9 ba/ha
Sicala 320B3XF

Trial snapshot

Planting date 30/09/2025

Picking date 15/04/2026

Previous crop Long fallow wheat

Varieties Sicala 320B3XF and
Sicot 743B3XF



Charlie Coles in front of 'Jedburgh' variety trial, Jan 2026

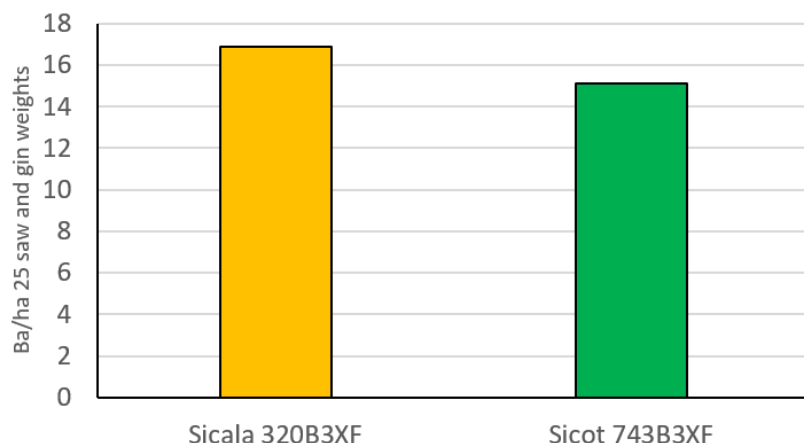
Grower perspective

“The 320 has blown everything else out of the water! It's been a dry and at times hot season with very little useful rainfall in crop. We kept our irrigations up and did not miss one. We did shorten them slightly during the hot snap at the end of January into February and it paid off, in terms of holding the fruit that was there. The end of the season provided good conditions for defoliation and picking and the gin results were great. The yield was back slightly on the 743 and we did have two split modules, but I don't think that made too much difference. Be interesting to see how the variety trial compares.

Season & field summary

The crop established well, but was then damaged by thrips. Grew out of it and flowered through January, when it hit the hot weather. The Sicot 743B3XF was a little later in maturing and had a lower boll count at cut out. Defoliation and picking was under good conditions and yields were good.

Trial results



TBYB yield results from 'Jedburgh', Warren.
Results are from commercial gin, with CSD
25 saw quality

Yield & fibre quality comparison

Variety	Yield	Staple length (imp)	Strength (g/tex)	Micronaire	Lint turnout (%)
Sicala 320B3XF	16.9	1.26	33.6	3.6	43
Sicot 743B3XF	15.1	1.24	33.1	3.95	42.7

Agronomy insights

This was a dry and at times hot season, which highlighted the importance of irrigation decisions and management. There was early season thrips pressure on the crops, from which they recovered, and some late season mirid activity.

Fit & management considerations

Sicot 743B3XF fared well under this dry season and some of the in-crop assessments highlighted its full season requirements to maximise the varieties potential. Against it, under this fields management, the Sicala 320B3XF yielded better and produced some impressive fibre. Both varieties remain a good choice for the Macquarie, but use this case study alongside broader regional data when considering large area changes.