

Sicot 743B3XF

Sicot 743B3XF is a broadly adapted full-season cotton variety, featuring low seed density and intermediate to vigorous growth habit suitable for both irrigated and dryland production systems. This variety is designed for central/hot climate regions and incorporates Bollgard® 3 XtendFlex® technology, which combines insect protection with herbicide tolerance.

Sicot 743B3XF is susceptible to cotton bunched top disease, unlike some other varieties in the Bollgard® 3 range.



Growth & Management

Leaf Shape	Normal
Maturity	Full
Seed Density	Low density
Growth Habit	Intermediate to strong

Fibre Quality

Turnout	43.8%
Length	1.23
Strength	30.1
Micronaire	4.3

Disease Resistance

Bacterial blight resistance	
F.rank	118 (7)
V.rank	105 (14)

Growth & Adaptation

- Performs well under full irrigation.
- Intermediate to strong growth habit.
- Requires monitoring and growth regulator management to prevent excessive vegetative growth.
- Potential fit for Northern Australia.

Establishment & Vigour

- Sicot 743B3XF is a low-density seed variety.
- Care should be taken at planting to ensure crop is established into optimum temperatures and field conditions.

Management Considerations

- Careful consideration at planting: ensure well-prepared beds and optimal planting conditions.

Fibre Characteristics

- Medium to large boll size with a turnout percentage in the low to mid 40%. Care should be taken to minimise stress during the boll filling stage.
- Sicot 743B3XF has a strong fibre package. It is inherently robust to make base grade for length and strength outside of extreme climatic scenarios.

Disease Resistance

- Avoid planting in heavily Verticillium-infected fields.
- Bacterial blight resistance, as all CSD/CSIRO varieties