



Information Sheet

13. VARIETIES

13.35 **Variety N50** *(Approved for release: 29 May 2008)*

Recommended for planting at high elevations (>600m) on a long harvest cycle (>20 months). Parents 83H0154 x 85H0363. Selected in the midlands region from trials on the Glenside and Bruyn's Hill research farms plus three off-station sites. Trials were assessed at plant crop plus two ratoon crops.

BEST FEATURES

Good RV yields in the midlands. Good ratooning ability. Resistant to mosaic.

LIMITING FEATURES

Susceptible to smut.

YIELD AND QUALITY

Tons RV	High. 121% of N12, 102% of N31, 100% of N44
Cane yield	High. 125% of N12, 98% of N31, 98% of N44
RV content	Moderate. 96% of N12, 104% of N31, 102% of N44
Fibre content	Moderate. 101% of N12, 93% of N31, 97% of N44
Purity	Moderate. 98% of N12, 101% of N31, 100% of N44

Good RV yields attained at high elevations on long harvest cycle (>20 months). Good RV yields on both high and average potential soils in the Midlands.

REACTION TO DISEASES AND PESTS

Smut	Susceptible
Mosaic	Resistant
Rust	Intermediate
Leaf scald	Intermediate
Eldana	Intermediate
Leaf scald only recorded once. Pokkah Boeng has not been recorded.	

AGRONOMIC CHARACTERISTICS

Germination	-
Stalk Population	Intermediate - high
Stalk Height	-
Canopy	Good
Flowering	Rare
Lodging	Intermediate - severe
Ratooning	Good
Average diameter stalks.	

MILLING CHARACTERISTICS

Colour	Average to high. 102% of N12, 85% of N31, 94% of N44
Pith:Fibre ratio (Low ratio is desirable)	Low to average. 89% of N12, 93% of N31, 80% of N44
Results for milling characteristics are from fewer trials (only three) than yield and quality traits.	

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