


Cane Variety

Variety name	Qamea (LF94-694)
Parentage	Mana x LF58-6023
Seedling number	LF94-694
Year released	2014
Appearance	Internodes are of uniform length, medium thickness, and purplish in colour when unexposed and becomes dark purple when exposed. The stalks of LF94-694 generally are long and heavy.
Germination	Germinates in 10 ⁺ days
Tillering	Profuse and produces high number of stalks per stool under normal growing conditions
Growth	Vigorous early-mid stage and slightly slow during late growing phase
Trashing	Free - loosely clinging easily removed
Flowering	Moderately
Soil type suitability	Poor/ medium and rich land
Seasonal sugar	Early – mid maturing
Cane yield	High - capable of producing 120 ⁺ tc/ha on fertile soils under rain fed conditions
Sugar yield	High
Resistance to extreme events	Water logging - moderate Cyclones – lodges but tolerates moderate wind speeds
Lodging	Lodges when crop is heavy & due to strong winds
Fiji Leaf Gall Disease	Highly resistant
Downy mildew	Moderately resistant
Borer damage	Moderately resistant



....varieties are essence of cane farming....

Recommended harvesting period based on maturity						
Jun	Jul	Aug	Sep	Oct	Nov	Dec
						



Buds:

Generally small and round, embedded within the growth ring, Exposed bud is greenish yellow and unexposed- reddish.

Wax:

The stalks are lightly coated with wax

Trashing

Trash is loosely clinging and easily de-trashed.

Growth

Vigorous growing type during early phase and slows down in the late growth phase.

Internodes:

Medium length, medium thickness
Cylindrical shaped

Sugar content (%POCS)

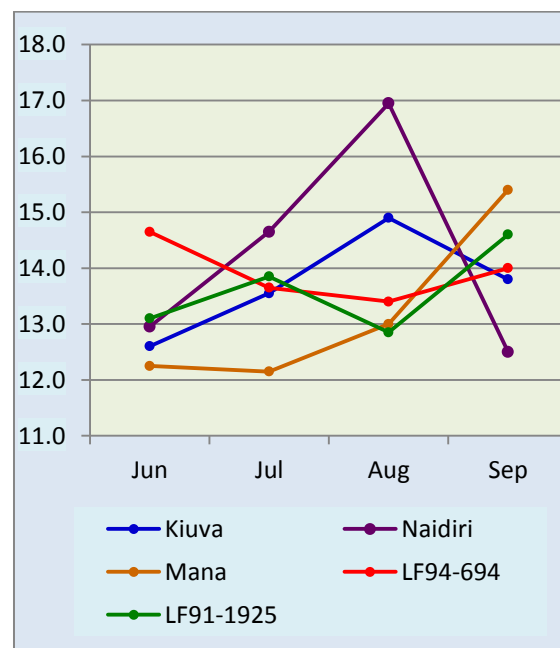
The sugar content of LF94-694 is high at the beginning of the crushing season, remains consistent during July-September and is retained throughout the crushing season.

Maturity trend

The sugarcane starts maturing with the onset of the dry season and in cooler months from

mid-May Understanding the maturity of sugarcane is important in planning the harvesting schedule. Varieties that have relatively high sucrose content at the beginning of the season are often said to mature early in the season, although their peak sucrose content occurs at the same time as other varieties. The crushing season should start with more early maturing cane for 6-8 weeks up till the end of July before the mid to late maturing cane can be harvested and crushed. LF94-694 is an early maturing variety that retains its sugar content throughout the harvesting season and can be harvested from beginning of crushing season in June.

Maturity trends sucrose (%pocs) accumulation of commercial varieties



Distinguishing Features

Crumpled leaf at base of leaf blade and top portion of leaf sheath. Outer leaf sheath is purplish in colour.