

SUGARCANE RESEARCH CENTRE



**RELEASE OF  
NEW VARIETY**



**LF 91 - 1925**  
**K A B A x Y A S A W A**





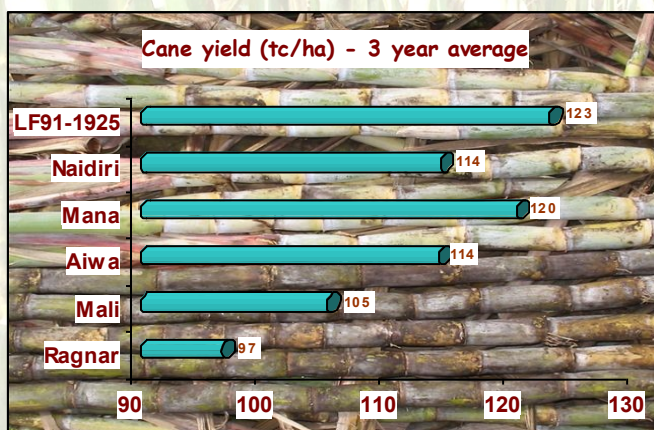
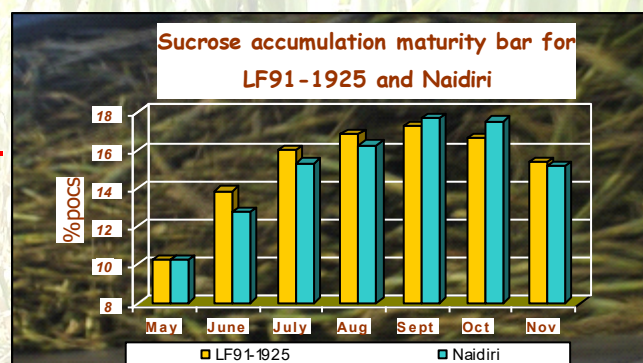


## BRIEF

LF91-1925 is a new variety from the cross between Kaba and Yasawa . It is an early maturing variety characterized by high sugar content and took 15 years of testing to finally release this variety. This product expresses the Sugar Cane Research Centres continued commitment to improve the sugar production per unit area. The trial results signify that this variety should have a major impact on sugar production.

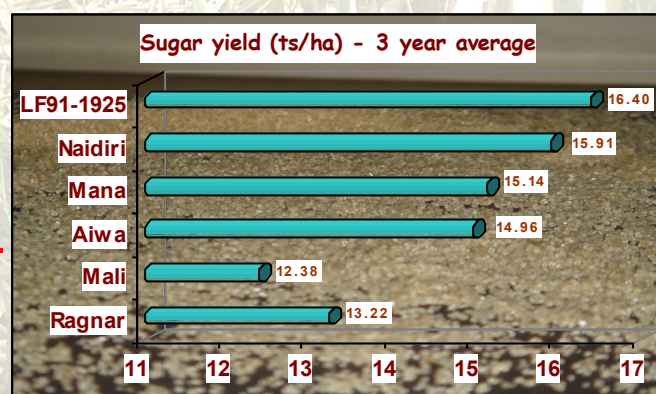
## MATURITY TREND

LF91-1925 is an early maturing variety with high sugar content that should help to decrease the TC:TS ratio and improve the sugar production per unit area.



## CANE YEILD

The three year average cane yield of LF91-1925 is similar to Mana and slightly better than other commercial varieties.



## SUGAR YIELD

The sugar yield of LF91-1925 is better than all the commercial varieties. Due to the high sugar content of this variety and good yielding ability more sugar should be made from a lesser amount of cane.



## HARVESTING

LF91-1925 should be harvested in the months July - September to realize the best sugar yielding potential as more sugar could be made from a lesser amount of cane.





**Germination**  
takes 12-14 days  
For shoots to  
emerge



**Growth**  
grows vigorously  
during early, mid  
and late growth  
stages.  
**Tillering profuse**



**Diagnostic char-  
acteristics**  
Bud - small in  
size and does not  
protrude.



**Leaf**  
long blade medium  
width.  
Sheath has rot and  
light sheath hair.



**Trash habit**  
Lightly clinging under normal growing conditions  
Tightly clinging if cane is under stress.



**Adaptation**  
grows well on all major soil types



**Stalk appearance**  
greenish in color  
with tinge of black  
and stalks are  
covered with a  
coating of wax.  
internodes medium  
thickness 2-3.5  
cm



**Ratooning** -good ratooning ability in the trials.



KABA

LF91-1925



crescent



deltoid

**Identification features**  
LF91-1925 looks very similar to Kaba and two distinguishing features to identify and differentiate between LF91-1925 and Kaba are ligule pattern and length of leaf sheath  
1. Ligule is an attachment at the junction of blade and sheath. Ligule pattern of LF91-1925 is deltoid and is different than Kaba that has crescent pattern.  
2. Leaf sheath of LF91-1925 is slightly longer than Kaba.



Leaf Sheath



## FEATURES OF LF91-1925

- ✓ SLOW TO GERMINATE
- ✓ VIGOROUS GROWTH
- ✓ GROWS ON ALL MAJOR SOIL TYPES
- ✓ *Disease Resistance*  
Moderately resistant to  
Downy Mildew Disease  
Resistant to Fiji Leaf Gall Disease .
- ✓ GOOD RATOONING ABILITY
- ✓ EARLY MATURING
- ✓ HIGH CANE & SUGAR YIELDS

## LF91-1925

The cane that will give you more money.  
A must for all farmers who need more \$\$\$\$

