### **CANE QUALITY** 2018

Tops

Stalk

Roots



## An average sugarcane stalk has:

**Sucrose Fibre** Non-sucrose 2.5% Moisture

12.5% 15% 70% 100%



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# WHAT INFLUENCES CANE QUALITY?

## **Quality begins in the field**

### Management

- Seedcane quality
- Variety
- Land prep
- Weed free
- Well Fertilised
- Pest and disease free

### Harvesting

- Cane age
- Topping
- Base cutting
- Clean cane no trash

no sand no roots







### Delays

#### **Burn to crush**

- Burn only enough for 1 or 2 days delivery
- Mill as soon as possible
- Fresh cane = good quality
- Don't leave bundles in the field

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# HOW IS CANE QUALITY MEASURED?



At the mill cane quality is measured by C.T.S. and *not* the miller



1195800

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# WHERE DO LOSSES OCCUR

#### Because cane quality affects sugar production SUCROSE LOSS 5 tons cane @ 13% Fibre Ash 50000000 SUCROSE LOSS SUCROSE Non sucrose LOSS MOLASSES Filterpress **SUGAR** Sugar Sucrose Sucrose Sucrose less loss due less loss due to fibre to non suc Molasses Molasses **Filter press** Bagass Ash/smoke (Refer to RV Formula)

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# WHAT DO DELAYS COST?



## **Consequence of delays**





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