

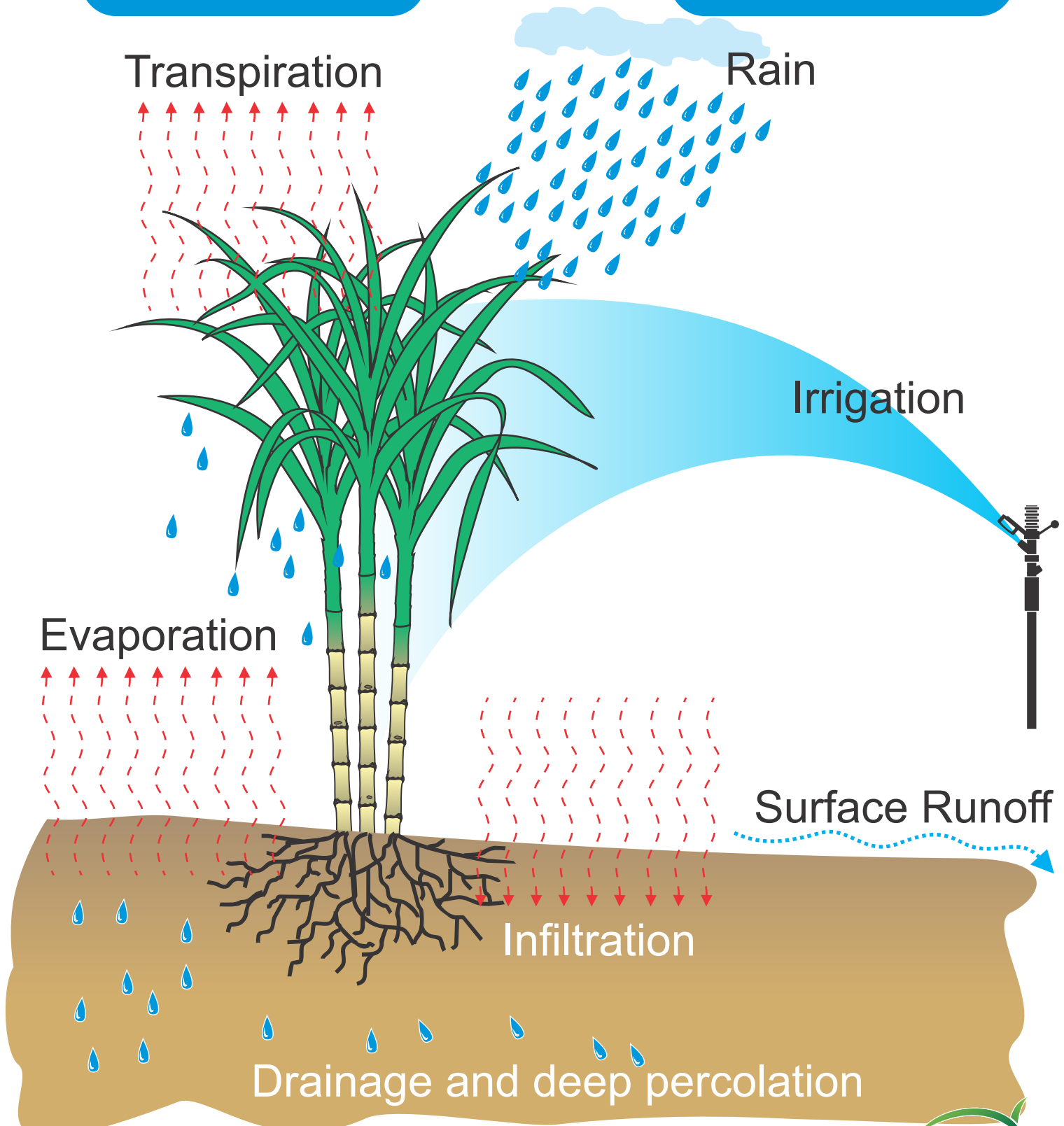
# IRRIGATION

2018

1

## WATER USE

## APPLICATION



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# IRRIGATION

2



Pivot



Drip



Drag Line



Solid Set  
(floppy)

**Water use + loss**



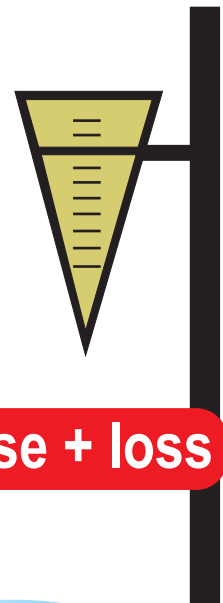
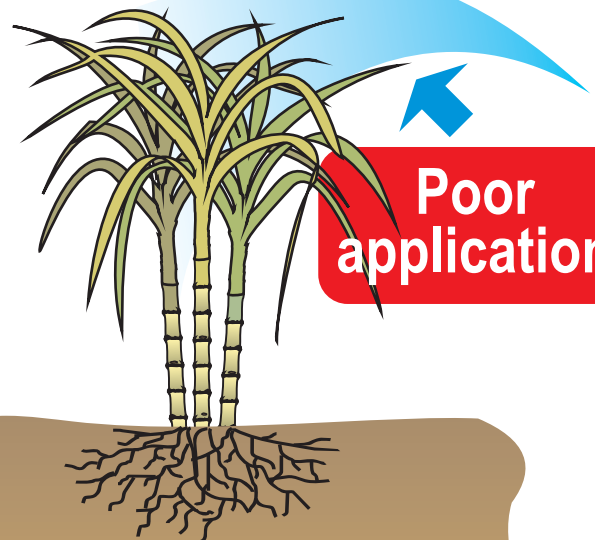
**Adequate application**



**Water use + loss**

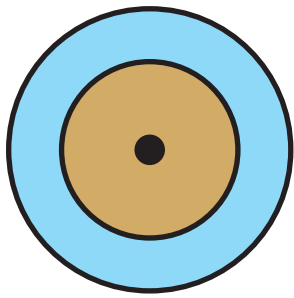


**Poor application**

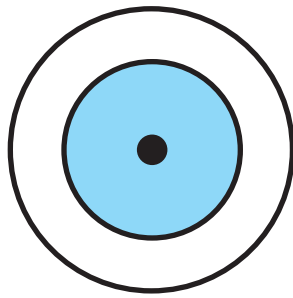


# IRRIGATION SYSTEMS

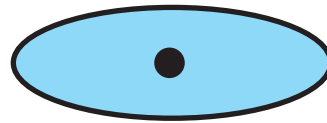
3



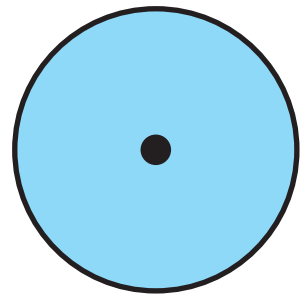
Low  
Pressure



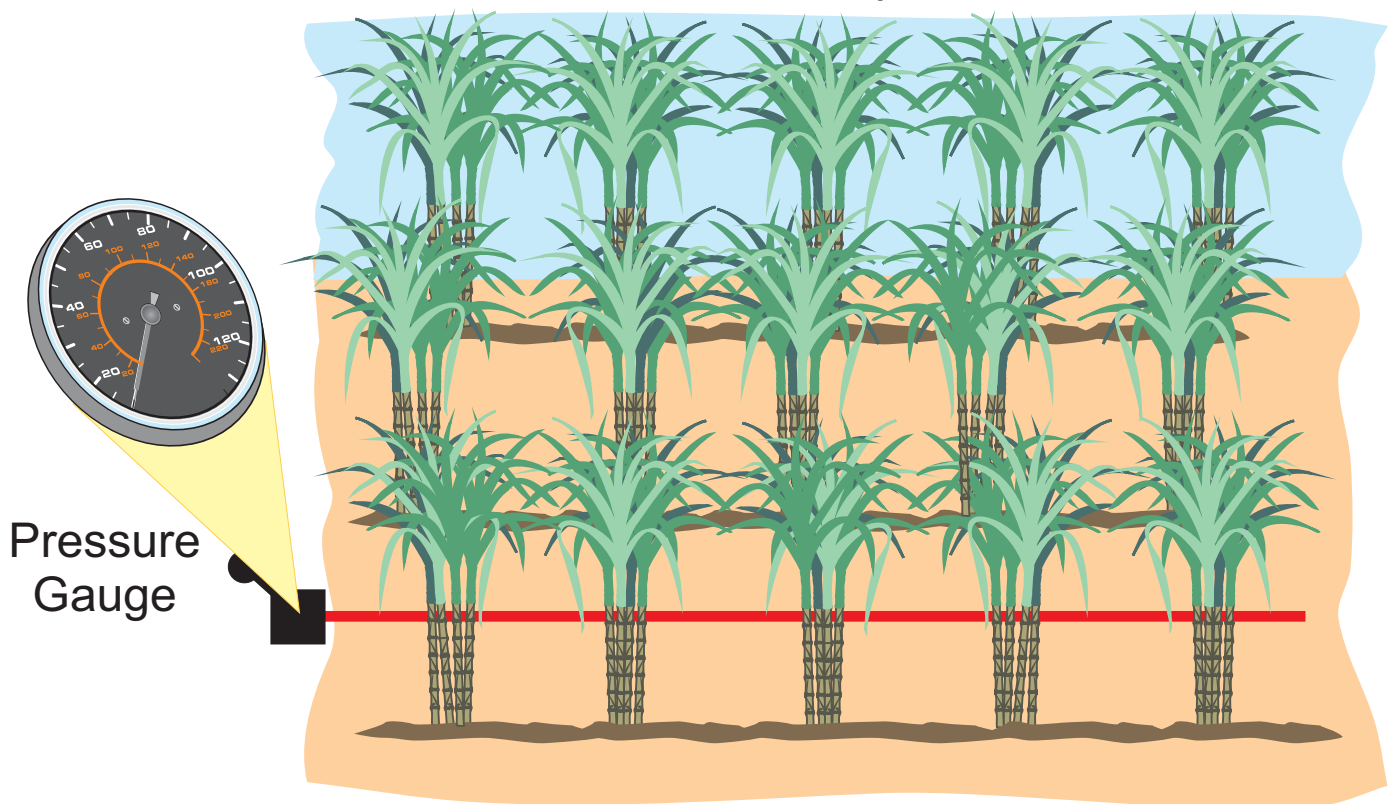
High  
Pressure



Skew Stand  
Pipe



Correct  
Pressure



## Causes of incorrect application

1. Low pressure.
2. Leaks.
3. Incorrect nozzle size (change annually).
4. Too many sprinklers per ha.
5. Expansion beyond irrigation design.

# IRRIGATION

4

**Soil Sampling**  
(8 weeks)



**Ripeners**  
(6 weeks)



**Dry off**  
(4 weeks)



**(Optional)**  
**Rip/Cultivate-Skoffel**  
(within 1 week)



**HARVEST**

**Return**  
**Irrigation**  
(within 1 week)



**Fertilise**  
(within  
2 weeks)



**Herbicide**  
**continuous**  
(within 3 weeks)



**Fertiliser Split Application**  
(Poor/Sandy Soils)  
(8-10 weeks)



**Gap Filling**  
(August onwards)



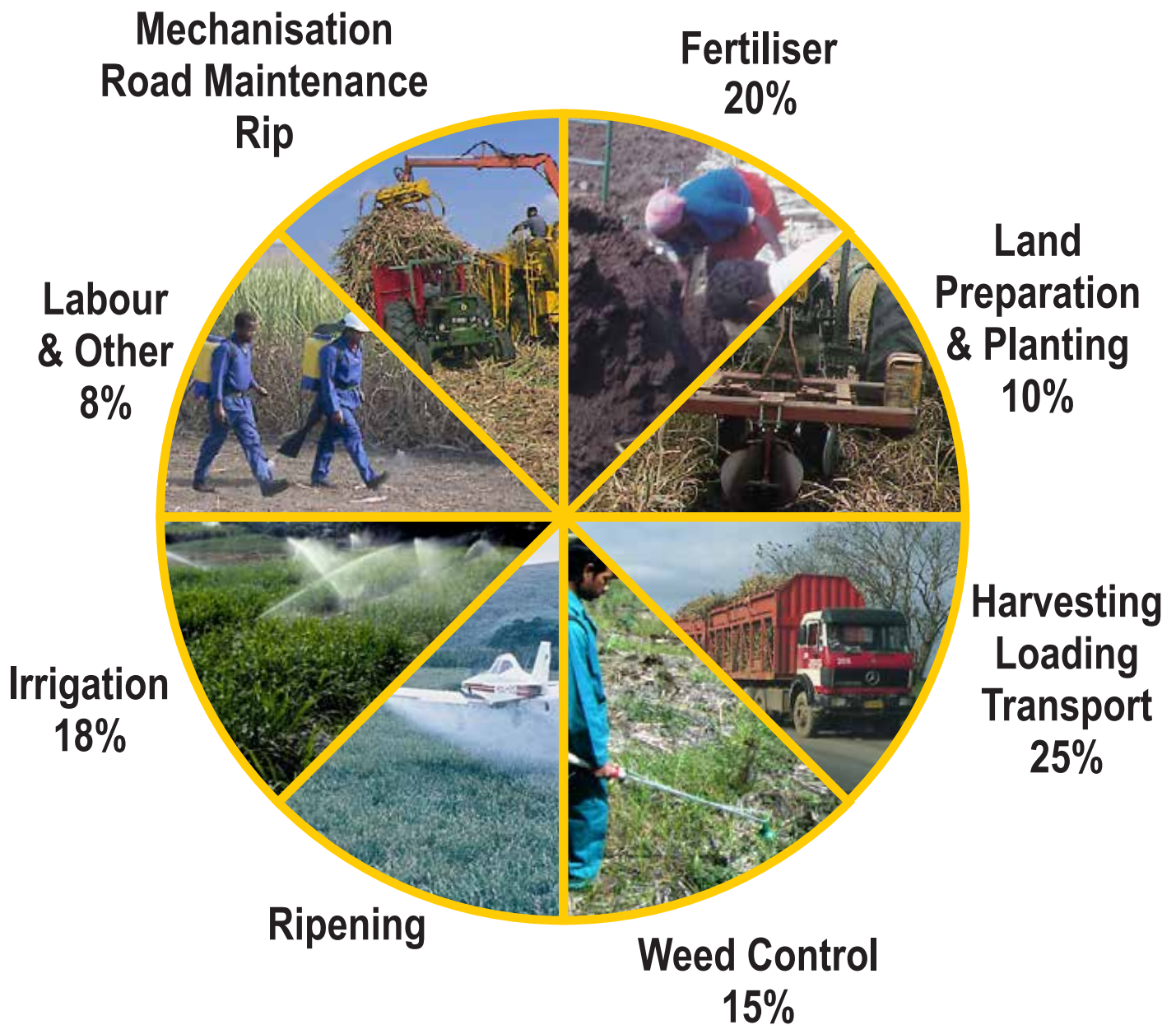
**Leaf Sampling**  
(3-5 months)



**RSD / P & D**  
(8 months)

# INPUT & PRODUCTION COSTS

5





# FLOW OF MONEY

6

