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Impact of harvesting on storage losses during a long campaign

Toon Huijbregts

Sugar losses during storage:

- **respiration (whole periode)**
- **wound healing (first week)**
- **moulds and rot (after a few weeks)**
- **regrowth (warm conditions)**

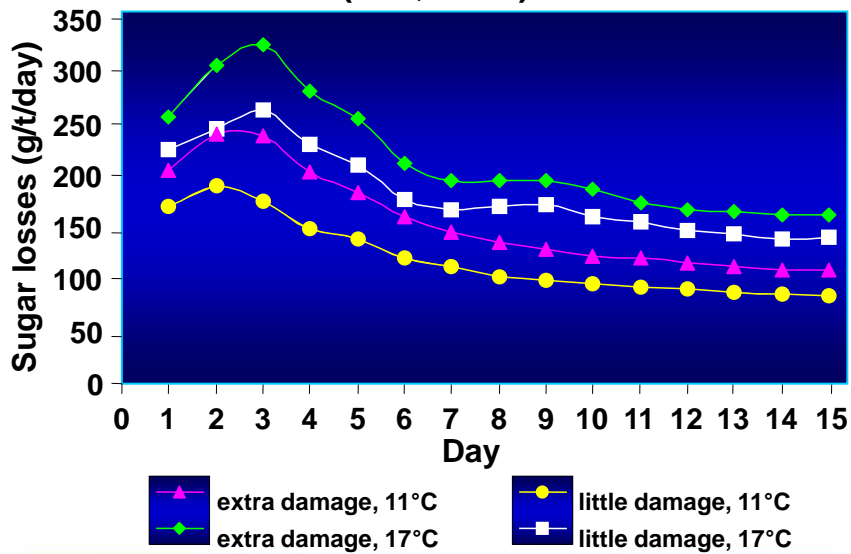


Avoid injuries by:

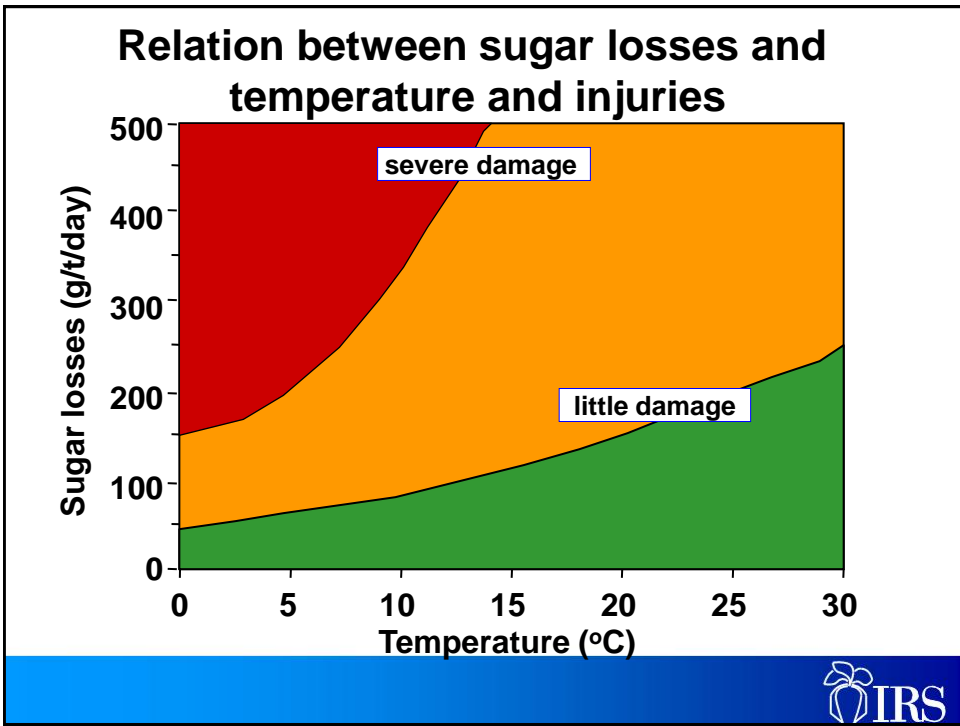
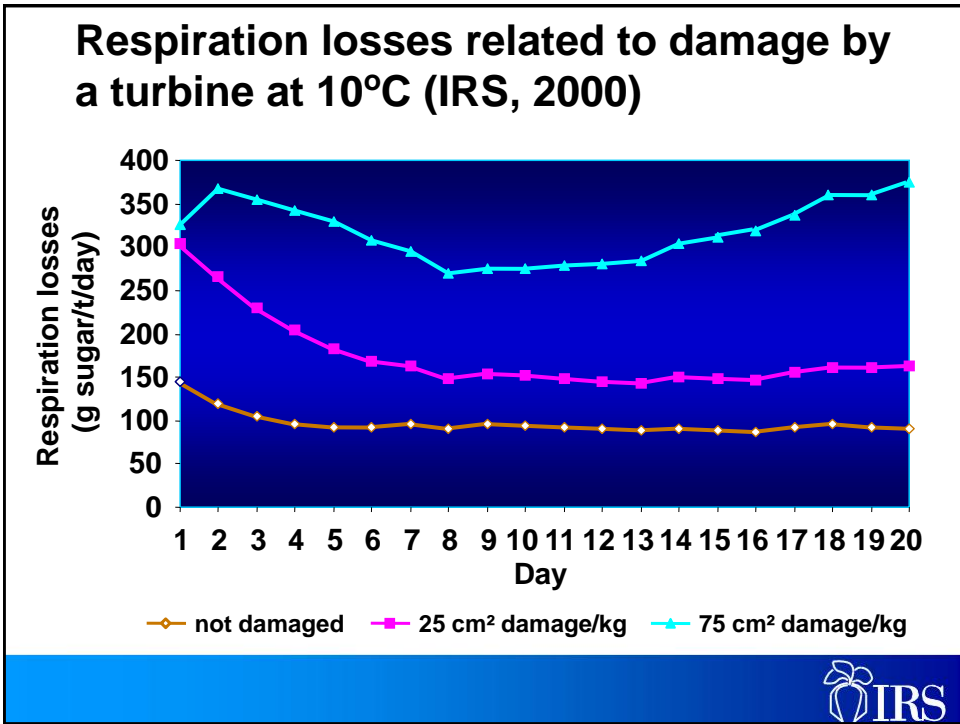
- over topping
- tip losses
- bruise
- surface damage
- crushing at piling

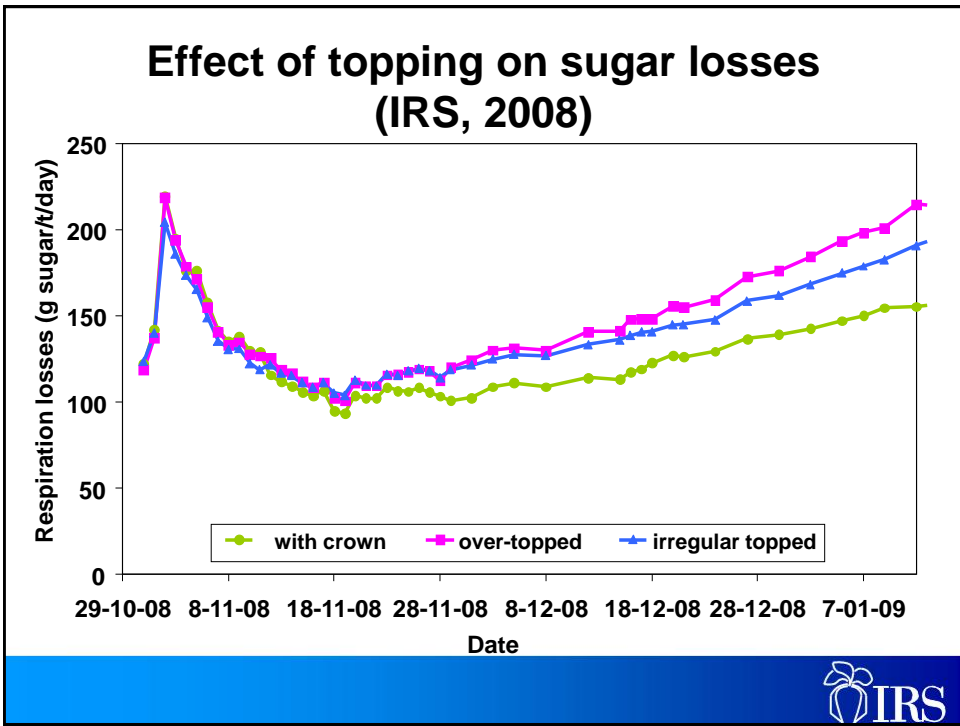
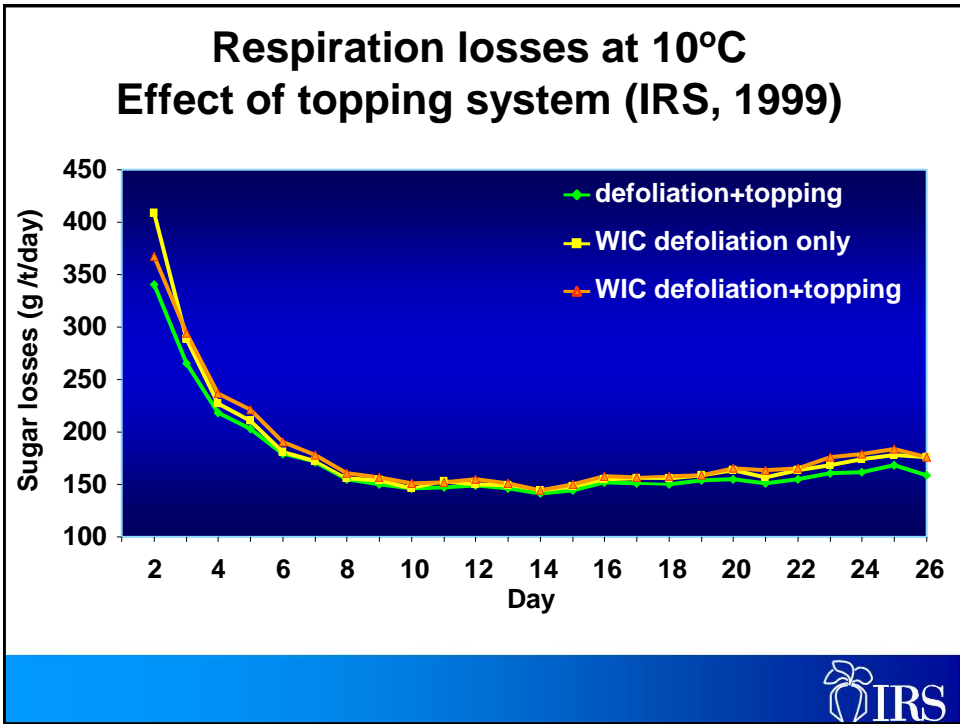


Effect of injuries and temperature on sugar losses
(IRS, 1987)











Successful storage starts at harvest

Restricts injuries and dirt tare:

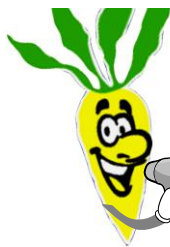
- harvest under good conditions
- uproot carefully
- don't over top but remove all leaves
- clean gently but minimise soil, loose leaves, weeds
- minimise damage during piling



Storage test at Beet Europe 2010

Beet samples from each harvester are stored in a climate room at 10°C for 8 weeks

Beet quality will be measured after storage and sugar losses will be calculated



see you at



beet europe

