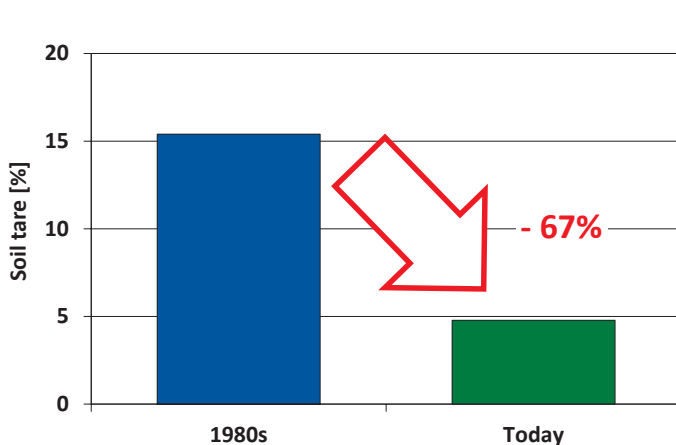


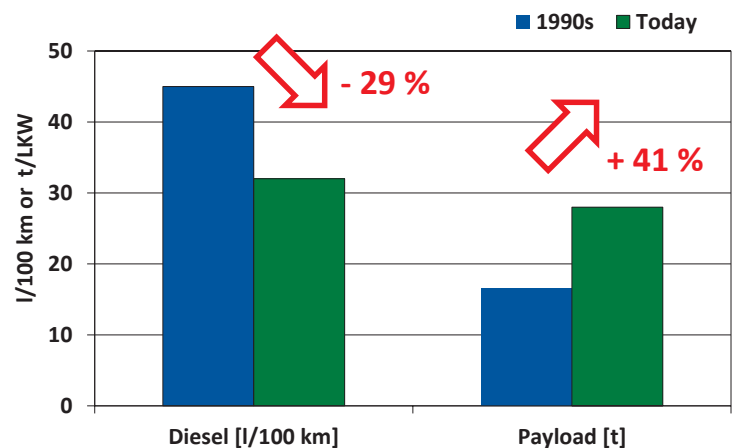
Sustainable sugar beet cultivation due to...

Optimization of harvest, cleaning, and transport

- Reduction of harvest losses
- Covering beet clamps is a protection against sugar losses
- Cleaning beets reduce the transport of soil
- Higher payload of the trucks with a lower diesel consumption
- Fewer trucks, low noise level, less traffic



Reduction of soil tare in sugar beet deliveries
Reference: Südzucker AG, since 1990 without tops/leaves, mean 1978-1980 and 2010-2012

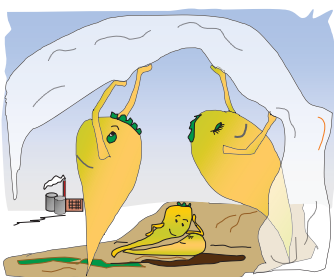


Diesel consumption and payload of trucks in the 1990s and today
(expert estimation)

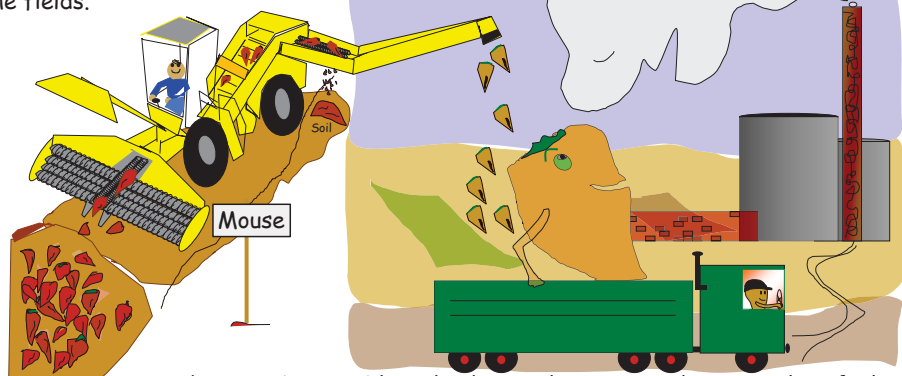


During the harvest the beets should not be damaged as much as possible. The soil which adhere on the beets is shaken off.

In winter the beets are covered while they are waiting in the field clamp for their ride to the sugar factory. So they are protected against rain and frost.



The beets are loaded with the „mouse“ on trucks.
In that process the beets are cleaned again and the soil remains on the fields.



Modern trucks are able to load more, low noise and consume less fuel.