



# Reducing Forage Loss

A percentage of each ton of forage is lost before it arrives at the feed fence. This is mainly due to losses during harvest, conversion and heat generation/ fermentation in the pit. Depending on the quality of the silage and their cover, losses caused by fermentation can reach significant amounts.


## Situation

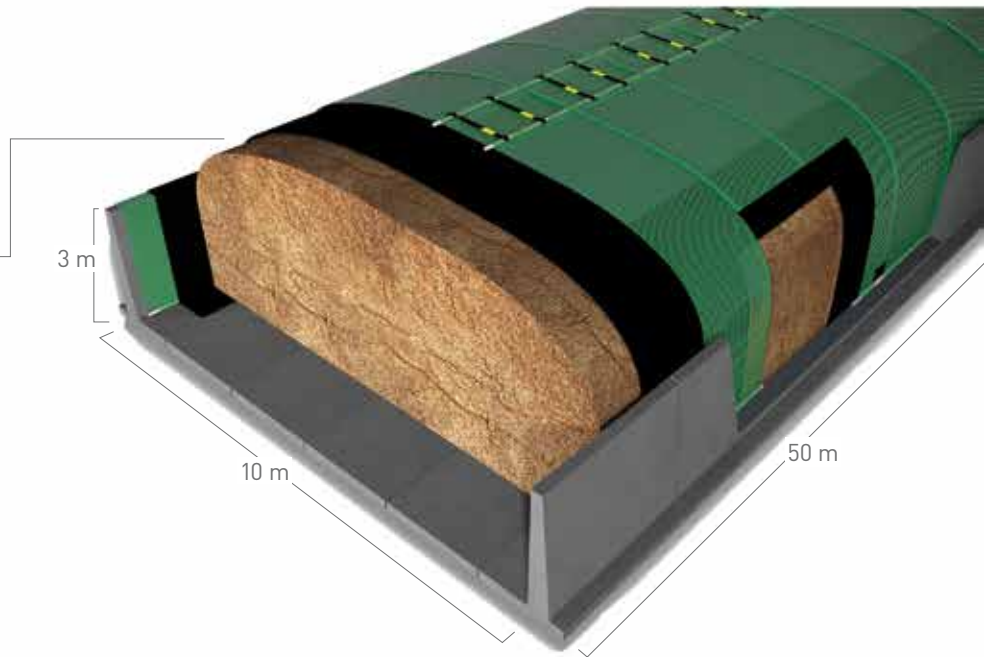
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 Amount of silage:  
**1,750 m<sup>3</sup>**

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 Total value of the silage  
**€ 40,950.-\***

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 Milk potency  
**582,227 kg**

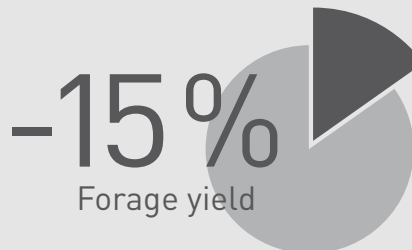


## Comparison

### Standard silage cover

- 2% - 13% Loss storage of silage
- 1% - 3% Loss preservation
- 0% - 5% Loss unloading of silage

Average forage value loss:  
**- 6,142.50 €**

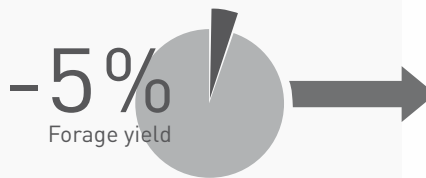



**Less**  
milk production  
**494,893 kg**

### Agritec® Silage Safe

- 2% - 3% Loss storage of silage
- 1% Loss preservation
- 0% - 1% Loss unloading of silage

Average forage value loss:  
**- 2,047.50 €**




**Less**  
milk production  
**553,116 kg**

**Average return**  
with Agritec Silage Safe:

**4,095.- €**

Money back already  
after 2.87 years!\*

Possible  
**yield increase**

**+ 58,222 kg**

\* Means for calculation: 234 kg dry mass/m<sup>3</sup> = 409,500 kg dry mass, i.e. 409,500 kg dry mass x € 0,10/kg = € 40,950.-. Grass silage contains +/- 6,2 MJ NEL/kg dry mass. To produce 1 kg milk, 4,36 MJ energy is needed. Price Agritec® Silage Safe Premium € 11,750 / Average return € 4,095 = 2.87 years.