

## Implementation tips



To avoid any problems during unwinding, for this respect the instructions of unrolling.  
Avoid stepping on the film by unrolling it and unfolding it on the silo.



Your silo is a capital investment, to improve the conservation of your silos, use a new generation sub-film 40µ 5 layers from the BARBIER range. This film will increase the effect of placing and will further limit the formation of air pockets.

Exclusivity:  is guaranteed **Contact Food.**



## Our engagements

This commercial sheet has no contractual value. The information and photographs it contains do not commit us except for the technical specifications appreciated in accordance with the EN13207 standard.

**Only our F.I.C.C.U. : Information Sheet, Advice and Instructions for Use (catalogue products) and / or our specifications (specific products) determines the content and limits of our commitments concerning the technical characteristics of our products.**

**Our F.I.C.C.U. (Information Sheet, Tips and Instructions for Use) can be obtained from your supplier.**

You can also contact us to obtain it at the email address: [agricultural@barbiergroup.com](mailto:agricultural@barbiergroup.com) or on our website [www.barbiergroup.com](http://www.barbiergroup.com)

## Our recommendations

We recommend that before you order and use our film:

- without having read our Information Sheet, Tips and Instructions for Use.
  - without having discussed with your supplier our product and the particular conditions of your operation.
- Ballasting with used tires is prohibited, use weighting bags provided for this purpose.  
The use of **QUALISILAGE™** for straw stock protection is to be avoided.

Serving the agricultural sector for more than 60 years, the BARBIER group offers a complete range of films specialized in plasticulture at the cutting edge of technology. The BARBIER group is today the first French and one of the European leaders.

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**Groupe**  
**Barbier**  
Plastic solutions

# Qualisilage™

by 



## The product *benefits*

- ➡ Film Brown / Black
- ➡ Specially designed for real forage conservation
- ➡ 50% stronger than the NF Label
- ➡ Guaranteed 12 months France

The new generation reference film



New 5-layer technology



**Groupe**  
**Barbier**  
Plastic solutions

# Silage: How does it work?

Silage is a technique for preserving plants by acidifying the environment in the absence of air (anaerobic fermentation).

## Good fermentations (anaerobic): thanks to a hermetic silo

Lactic bacteria



Lactic acid + lowering of pH (4)



Palatability  
Conservation of values  
food stuffs

## Bad fermentations (aerobic):

Coliform bacteria  
Butyric bacteria  
Mushrooms



Acetic acid and butyric + Ammonia  
+ CO<sub>2</sub> + effluent + mycotoxins

Inappetence  
Degradation of  
food values of forage

If the aerobic fermentation period persists, the losses can reach 25 or even 30%.

## Savings are possible



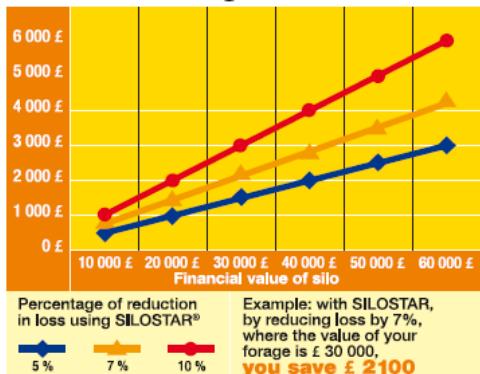
To limit losses, several parameters must be taken into account:

- The rate of dry matter at harvest (the optimum is between 32 and 35%)
- The cutting length and the bursting of the grain (to limit the presence of air)
- The management of the silage yard and the construction of the pile: the importance of settlement to chase the air,
- The installation of a resistant, flexible, opaque and hermetic film positioned at the end of the project,
- The speed of advancement and the holding of the attack front.

## Calculate what you can save

A poor film can cause 5% of losses even 10% if it is porous

Non-contractual informative values



Designed specifically for silage protection

# Qualisilage™

is a film made thanks to the new 5 layer technology.

Its thickness of 125µ (ISO 4593 and ISO 4591) and the composition of each layer give our film specific skills.



UV Protection Brown face  
Puncture Resistance  
Tear Resistance  
Puncture Resistance  
Forage Contact



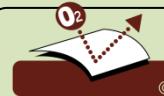
Conforme à la norme  
NF EN 13207



### Optimal Mechanical Resistance



+ 50% compared to a NF Label film  
Dart Test 450g on film and 150g on folds (according to EN ISO7765-1: 2004 method A)



### Oxygen Impermeability

< 250 cm<sup>3</sup>/m<sup>2</sup>/24h (according to DIN 53380-3: 1998-07 with oxygen, + 23 °C, 0.2 bar)



### Easy Unfolding

Thanks to its special folding process



### Forage Contact

The film layer in contact with the fodder is made of 100% virgin raw materials.



### UV Protection

12 months class S1

(for a luminous intensity ≤130 Kly)



### Eco-Conception

Reduced consumption of raw materials.  
Positive impact on the carbon footprint

Available from stock



Other colours on order