

# SILOSTOP

THE ULTIMATE SILAGE PROTECTION SYSTEM

A True Oxygen Barrier



**HORIZON SEEDS**

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# SILOSTOP

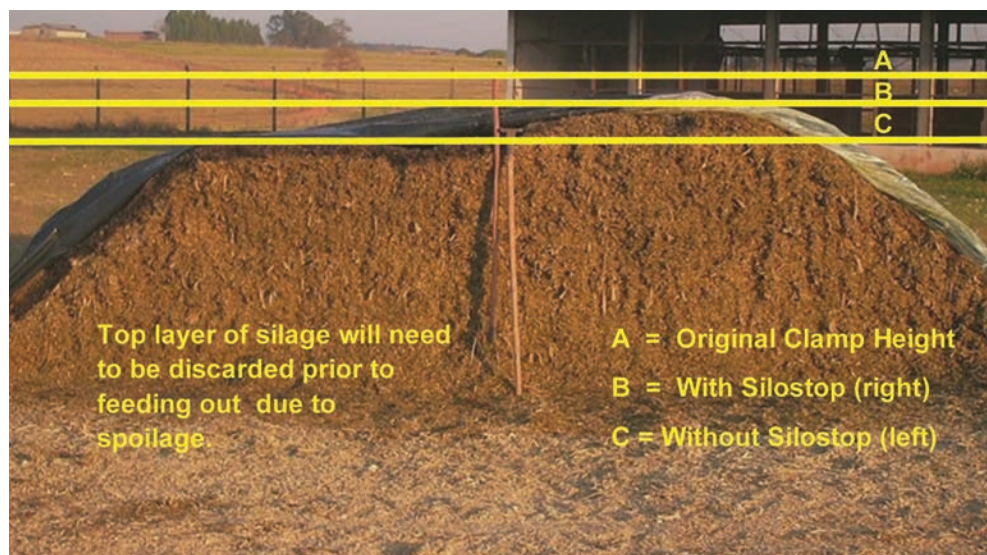
Silostop offer a range of products to seal your clamp and protect your silage.

Protect your clamp from:

- DM Loss
- Low Sugar Levels
- Mould and Mycotoxin Growth
- Shrinkage
- Increased pH

How does Silostop achieve this? By keeping the oxygen out. This sounds very simple but in fact the table below shows the Oxygen Transmission Rates (OTR) for Clingfilm and standard black plastic compared to Silostop sheets.

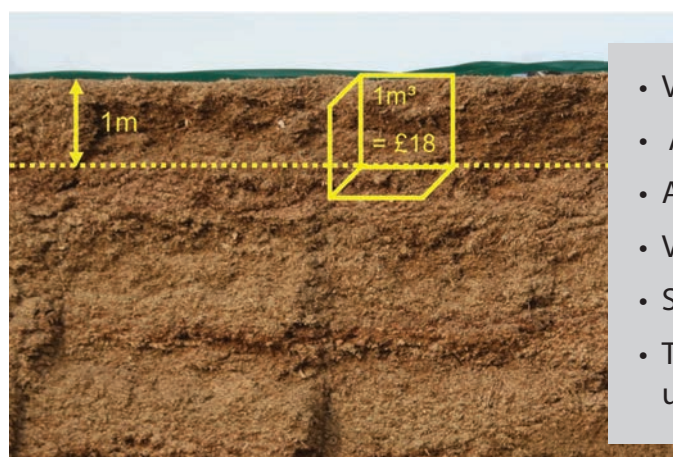
Film	Thickness	OTR cm <sup>3</sup> per m <sup>2</sup> per 24hrs
Black Polyethylene	125µm	>300
Clingfilm	40µm	>1000
SILOSTOP Max	80µm	<10
SILOSTOP Black	55µm	<10
SILOSTOP Wall Film	110µm	<20



Shrinkage and DM loss are unseen losses in the clamp. Tests have shown that Silostop can reduce this loss by up to 50%.

The clamp, left, was covered in standard polyethylene on the LHS and Silostop on the RHS. The photo visibly shows the amount of shrinkage that can occur within a clamp. Ultimately this is feed you are losing.

The diagram below explains how much Silostop can save you.



- Value of silage = £30/t
- Average density of silage in clamp = 750kg/m<sup>3</sup>
- Average density of silage on top 1m layer = 600kg/m<sup>3</sup>
- Value of 1m<sup>3</sup> of top layer = £30 x 0.6 = £18/m<sup>3</sup>
- Silostop reduces dry matter losses by 50% approx.
- Therefore 1m<sup>2</sup> of Silostop can reduce your losses by up to £9/m<sup>3</sup> for an investment of 59.5p/m<sup>2</sup> \*

# SILOSTOP

Keep MORE of your silage with Silostop oxygen barrier film:

## SILOSTOP MAX

- Impermeable 80µm film
- Cling film and top sheet all in one made up of 7 layers which form a true oxygen barrier, they remain intact throughout the life of the film
- Only require 1 layer of film = less labour
- Reduced plastic usage (only 1 sheet)
- Eliminates surface spoilage
- Very strong and durable
- Easier to lay due to the weight of the sheet
- No need to remove waste silage
- Reduces DM loss by up to 50% in the top 1m
- Suitable for multi-cut systems - durability of the sheet means it can be taken off and re-applied



## SILOSTOP BLACK

- Impermeable Black UV stable barrier film 55µm
- Thinner/less bulky than conventional sheets
- Eliminates surface spoilage - you get more feed from your clamp
- Reduced labour costs as it is quick and easy to apply and no need to remove waste silage
- Reduces DM loss by up to 50% in top 1m layer



## SILOSTOP WALL FILM

- Impermeable 110µm oxygen barrier film
- Ensure ultimate seal and maximum silage protection when used in conjunction with oxygen barrier top film
- Virtually eliminates side and shoulder spoilage in the hardest to compact area of the clamp
- Saves money and labour removing waste
- Fold inwards over silage then apply top sheet
- Strong and durable
- Available in 4m, 5m and 6m widths



All sheets should be topped with a net in order to protect the clamp from vermin damage. This should ideally be held in place with gravel bags.

All Silostop films can be recycled via the normal plastics recycling schemes.

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BUNKER FILM		Nominal Size metres	Nominal Size feet	Pack Weight kg	GBP £ each
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+ VAT

Silostop Black 55 $\mu$					47.5p/m <sup>2</sup>
312.050	Black Top Film	12 x 50	39 x 164	36	£285.00
316.035	Black Top Film	16 x 35	52 x 115	34	£266.00
320.050	Black Top Film	20 x 50	65 x 164	58	£475.00

Silostop Max 80 $\mu$					59.5p/m <sup>2</sup>
710.050	Orange/Black Top Film	10 x 50	33 x 164	43	£297.50
712.050	Orange/Black Top Film	12 x 50	39 x 164	50	£357.00
714.035	Orange/Black Top Film	14 x 35	46 x 115	42	£291.55
714.050	Orange/Black Top Film	14 x 50	46 x 164	58	£416.50
716.050	Orange/Black Top Film	16 x 50	52 x 164	66	£476.00
720.035	Orange/Black Top Film	20 x 35	65 x 115	58	£416.50
720.050	Orange/Black Top Film	20 x 50	65 x 164	82	£595.00
720.150	Orange/Black Top Film	20 x 150	65 x 492	244	£1,785.00
727.300	Orange/Black Top Film	27 x 300	88 x 984	650	£4,819.50

Silostop Grey 110 $\mu$					66.5p/m <sup>2</sup>
204.050	Grey Wall Film	4 x 50	13 x 164	25	£133.00
205.050	Grey Wall Film	5 x 50	16 x 164	31	£166.25
206.050	Grey Wall Film	6 x 50	20 x 164	36	£199.50
206.100	Grey Wall Film	6 x 100	20 x 328	69	£399.00

Gravel Bags (pack of 50)					
400.006	Gravel Bags x 50	1 x 0.27	4 x 0.89	6	£50.00

Other sizes of Silostop Black and Silostop Max are available please call the office for further information.

When calculating the size of top sheet required if you expect to heap the silage in the clamp allowing an extra 2m would normally be sufficient to cover this. Allow 1m for overlap at joints and 1m at the sides. For all top sheets it is advised that you use a Secure Cover in order to hold the Silostop in place and to protect the sheet from birds and other vermin damage. Keep your cover in place with Silostop gravel bags.

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