THE COMPLETE ENSILING PACKAGE

Safesil Pro and Safesil Challenge
A special blend of food-grade preservatives that eradicates all the major spoilage organisms. Proven to be supremely effective across a wide range of dry matters and crops.

SilaPactor
Available in a range of widths from 2.1 metres to 4 metres, a SilaPactor can speed up the compaction process, saving both time and fuel, and can increase dry matter compaction density by up to 40% when compared to conventional tractor rolling.

O2 Barrier 2in1
Applied as a single sheet which transforms into two on the clamp; O2 Barrier 2in1 comprises a protective, high-quality top layer covering a layer of very oxygen impermeable, polyamide vacuum film. It provides quick and effective clamp sealing with reduced workload, and up to a tenfold decrease in oxygen permeability.

ClampTiles
Made from 90 per cent recycled material with a life expectancy of around 15 years ClampTiles are ergonomically designed for ease of handling. Unlike tyres, they don’t harbour rainwater and debris, and when not in use can be stacked on pallets.

ClampNet
A 300g/m², heavy-duty green silage cover with seamed, stitched edges to prevent fraying or unravelling. ClampNet offers added protection from attack by birds and vermin and also helps to maintain compaction.

KlampClips
Made from stainless, spring steel, KlampClips are like an extra pair of hands when lining clamp walls with side sheets. Available in two sizes (100-150mm clamp wall width x 700mm long, and 200-300mm clamp wall width x 1000mm long), both are available in packs of 25.

Side Sheets
Heavy-duty, 150μm, clear plastic side sheets supplied in 50-metre rolls and convenient widths of 4, 5 and 6 metres.
Ensuring forage clamps are well compacted is essential to eradicate air pockets, the breeding ground for aerobic bacteria, yeasts and moulds and to create the anaerobic conditions essential for a good fermentation. To do this, many farmers rely on the weight of the buck-raking tractor or loader driven over the clamp as layers are built up for compaction.

Independent trials have shown that the better the compaction the lower the losses due to poor fermentation. A well compacted silage face can be cut out more easily, and is more stable because air cannot penetrate as far into the silage mass.

Achieving even compaction involves a lot of manoeuvring and using the resulting tyre tracks as visual confirmation that every part of the clamp has been compacted. Compaction at the sides of the clamp is often compromised or results in damage to side sheeting and clamp walls.

A SilaPactor speeds up the compaction process almost four-fold, saving both time and fuel. Rolling tight to the sides of the silage clamp is much easier, resulting in improved silage quality in this vulnerable area.

A SilaPactor benefits:
- Increase silage compaction by up to 40%
- Make fewer passes: less fuel, less time
- Compact right to the edges of the clamp
- Reduce DM losses
- Improve silage quality

SilaPactors are available in the following range of sizes:
- 2.1 metres wide - 2.5-2.7 tonnes
- 2.6 metres wide - 3.5-3.8 tonnes
- 3.0 metres wide - 3.8-4.0 tonnes
- 4.0 metres wide - 5.8-6.0 tonnes (pictured above)

Better compaction means better quality silage

Increased compaction makes better use of available clamp space and reduces DM loss

SMALL CAPACITY 27m x 12m x 3m = 972m³

Up to 40% more compaction than tractor tyres

DM losses as affected by compaction density

Increased density from 224kg DM/m³ to 288kg DM/m³ = increase in forage value retained and “space” value saved of 45%

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SilaPactor works amazingly well, we were all surprised at how it has improved maize silage compaction with a much tighter clamp being produced throughout, right up to the clamp edges. It’s simple and it works.

Troy Stuart, Exeter

Operating the buck rake and the 4 tonne, 3 metre wide SilaPactor keeps my hands busy at the controls, but the ability of the SilaPactor to consolidate the silage tight to the clamp walls, eliminating air pockets and increasing silage density, provides a solid, stable base to work on because it compacts so well across the full width, I’m saving fuel as well.

John Mann, Blencogo, Cumbria

I was sceptical as to its benefits when the SilaPactor was first introduced, but now I wouldn’t want to leave the yard without it.

Tony Davies, clamp operator IDM Contracting, Cornwall

The maize operation is all about methane gas. The better the compaction, the better the quality of silage we produce and the more methane gas we get out. Walking behind the SilaPactor on the silage clamp the firmness is there to be seen, producing a much better, denser crop, with minimal air presence.

Mark Wells, Farm Manager and Company Director, Symonds Farm Power, Bury St Edmunds
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Kelvin Cave Ltd operate a policy of continuous product improvement and innovation. Details are correct at the time of going to press but may be subject to change over time. If in any doubt please contact your Kelvin Cave representative.

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