

Why use OptiSile®?

Ensiling crops is fundamentally about nutrient preservation and microbial protection, to ensure a high-quality and safe forage over winter.

OptiSile® helps ensure this is achieved over a range of different crop types and dry matters via a unique combination of complementary bacterial strains in different ratios

Our biggest worry has always been rain and the weather, and previous additives have not kept the silage stable. We'd pull back the sheet and it would be mouldy with secondary fermentation.

Since using OptiSile® it has always kept the silage cool. When you pull back the sheet the silage has kept stable, with no waste and no secondary fermentation – even in tough seasons for weather.

Martin Wannop at Waverton House Farm, Cumbria

How does OptiSile® work?

Our three strains outcompete any invasive bacteria and fungi, and work in unison to ensure optimum ensiling of the forage throughout the initial fermentation, prolonged storage and feed out.



OptiSile®
by EnviroSystems

Why Choose OptiSile®?




Rapid Fermentation Actively Inhibits Invasive Bacteria (*Clostridia/Listeria*)

Long-term Protection Against Mycotoxin Producing Fungi and Yeasts

Increased Stability During Feed Out

Maximise Nutrient Preservation

Minimise Dry Matter and Protein Losses

| | Function | Product Priority |
|----------|--|--|
| Strain 1 | Rapid fermentation of the forage to lower the pH and outcompete invasive bacteria (<i>Clostridium and Listeria</i>) |  OptiSile® by EnviroSystems |
| Strain 2 | Continued acidification and production of acetic acid, an antifungal acid to protect against mycotoxin producing fungi |  OptiSile® Maize/Wholecrop by EnviroSystems |
| Strain 3 | Adapted to living at low pH, it maintains organic acid levels to offer long term protection and prevent silage contamination at feed out |  OptiSile® Maize/Wholecrop by EnviroSystems |

OptiSile® Product Range:



OptiSile® is designed to help ensile grasses, clovers, alfalfa, and vetches. The higher concentrations of Strain 1 allows the stronger pH buffer capability of grasses to be overcome, ensuring a rapid pH drop to promote initial fermentation. This helps to outcompete pathogenic bacteria even when the silage is wetter than ideal.



OptiSile® Maize/Wholecrop is designed to deal with the high dry matter and starch content of maize and cereal crops, which makes maintaining strictly anaerobic conditions more difficult. The higher concentrations of our two heterofermentative bacteria (Strain 2 and 3) provide extra air stability and added protection against aerobic mycotoxin producing fungi.

Scan to visit our website for more information

