



Product Guide

FORAGE ADDITIVES

Who are ACT?

AGRICULTURAL CENTRAL TRADING LTD

ACT is a farmer-owned company supplying essential farm inputs to farmers throughout England, Wales and Scotland. Our considerable buying power coupled with our low operating costs, means that we can pass substantial savings onto farmers on popular branded products as well as those we sell under our own Action label.

In selecting products to meet the needs of our customers, the over-riding aim of ACT is to provide value for money. That means paying close attention to quality as well as price. Every year ACT supplies farmers from Cornwall to the Orkneys with millions of pounds worth of essential inputs.

Call us for:

Fertilisers, Feeds, Fuel, Seeds, Mineral Supplements, Animal Health Products, Silage Additives, Dairy Chemicals, Lubricating Oils, Silage Polythene/ Wrap & Twine, Crop Protection.

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Introduction

Silage making relies on natural bacteria converting grass sugars into acids in order to preserve forage. An anaerobic environment is required to encourage an effective fermentation. Excluding air is critical to the process as is good consolidation and finally a good seal, preferably with a Clingseal and plastic top sheet.

Natural fermentation of grass is very inefficient, in fact around 10-15% of the energy harvested is used in the fermentation process. This is due to the relatively high moisture content and the high buffering capacity of the grass protein content, meaning an effective additive is required to speed up and make the process more efficient. When cutting grass for silage expect 10 tonnes per acre for the first cut and 6 tonnes per acre for the second cut (expect lower volumes for multi-cut systems)

ACT supply a range of high specification, UK manufactured forage additives designed to preserve and get the very best out of every gram of forage ensiled.



FORAGE ADDITIVES FOR GRASS

Silo Action

Maximum animal performance for grass silage, with three fast acting bacteria, including a fructan degrading bacteria for when there are low sugar levels:

- The most efficient way to treat grass
- Minimises lost energy and protein
- Maximises animal performance
- Reduces ammonia levels meaning increased intakes
- Use where animal performance is the target and aerobic stability is not an issue



1 Pack (4 x 250 grams) treats 100 Tonnes

1 ULV bottle (1000 grams) treats 100 Tonnes

Silo Action HD

Performance and stability for dry grass with bacteria which produce acetic and propionic acid required when the grass is difficult to ferment, giving you:

- Increased aerobic stability
- Less heating
- Less mould
- Reduced mycotoxin levels
- Suited to dry grass silage, but works over a large range of dry matters



1 Pack (4 x 250 grams) treats 100 Tonnes

1 ULV bottle (1000 grams) treats 100 Tonnes

Coolsile Plus

Performance and stability for grass silage, this preservative plus bacteria not only gives grass silage exception stability but also animal performance:

- Chemical preservative to keep silage cool and stable
- Bacteria to maximise animal performance
- Inhibits yeasts and moulds
- Maximises energy and true protein content
- Use where optimum animal performance is the target

200 Litre Drum treats 200 Tonnes

1000 Litre IBC treats 100 Tonnes



FORAGE ADDITIVES FOR WHOLECROP

Coolsile Wholecrop Plus

A dual action solution to wholecrop silage treatment (including arable silages) this preservative plus bacteria combination keeps wholecrop cool and stable:

- Combines chemical preservative and biological power
- Bacteria influence fermentation to inhibit spoilage
- Preservatives control yeast and mould growth
- Wholecrop stays cool and stable with high intakes
- Reliable, well proven and cost effective

200 Litre Drum treats 200 Tonnes

1000 Litre IBC treats 100 Tonnes

Silo Action Wholecrop

Biological wholecrop silage treatment controls moulds and yeasts and keeps clamps cool and stable:

- Reduces clamp heating
- Reduces mould growth
- Inhibits spoilage organisms
- Produces highly palatable silage
- Reduces mycotoxin production
- Works over a wide DM range

1 Pack (4 x 250 grams) treats 100 Tonnes

1 ULV bottle (1000 grams) treats 100 Tonnes



FORAGE ADDITIVES FOR MAIZE

Silo Action Maize

Biological maize treatment ideal where maize is to be buffer fed next summer:

- Reduces clamp heating
- Reduces mould growth
- Inhibits spoilage organisms
- Produces highly palatable maize silage
- Reduces mycotoxin production

1 Pack (4 x 250 grams) treats 100 Tonnes

1 ULV bottle (1000 grams) treats 100 Tonnes

Coolsile

Chemical preservative for high dry matter silage safe and easy to use:

- Combination of chemical preservatives
- Inhibits mould
- Inhibits yeast
- Reduces heating
- Produces cool, stable silage
- Ideal for maize treatment

200 Litre Drum treats 266 Tonnes

1000 Litre IBC treats 1330 Tonnes



USAGE GUIDE

PRODUCT	APPLY AT
Silo Action Liquid (for grass silage)	1 - 2 litres/tonne
Silo Action ULV (for grass silage)	10mls - 2 litres/tonne
Silo Action Dry (for grass silage)	200 grams/tonne
Silo Action HD (for grass silage greater than 30% dry matter)	1 - 2 litres/tonne
Silo Action HD ULV (for grass silage greater than 30% dry matter)	10mls - 2 litres/tonne
Coolsile Plus	1 litre/tonne
Silo Action Wholecrop	1 - 2 litres/tonne
Silo Action Wholecrop ULV	10mls - 2 litres/tonne
Silo Action Maize	1 - 2 litres/tonne
Silo Action Maize ULV	10mls - 2 litres/tonne
Coolsile	0.75 litres/tonne
Coolsile Wholecrop Plus	1 litre/tonne



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