

AdVance+

Silage Inoculant

NEW
IMPROVED
FORMULATION



Improve forage preservation

Unique lactic and acetic acid bacterial strains at a guaranteed rate of 1.2 million cfu per g of forage.

- ✓ Reduces dry matter losses by 41%
- ✓ Reduces secondary heating at feed-out
- ✓ Reduces spoilage yeasts by 83%
- ✓ Extends stability by 3.6 days on average, 31% longer than a normal lactic acid product
- ✓ Better preservation than standard lactic acid strains
- ✓ Can be used in all types of dry matters
- ✓ For use on grass, wholecrop and maize forage

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AdVance and AdVance+ Silage Inoculant

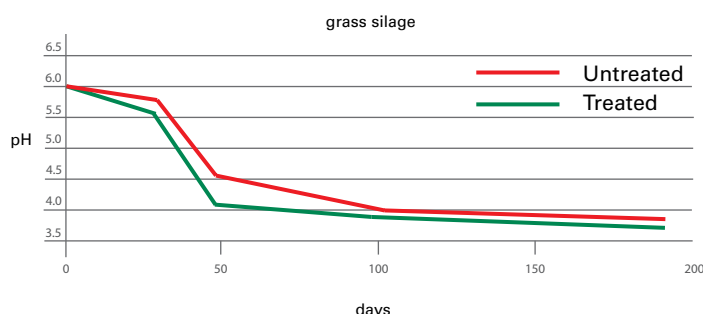
AdVance Silage Inoculant

AdVance provides 1 million cfu of lactic acid bacteria per g of forage. It gives a normal lactic acid fermentation and is suitable for grass silage where there is little risk of secondary fermentation.

Both Advance strains are approved by the EU, the data from these trials and additional trials is outlined below.

AdVance pH Reduction Trials

	Untreated	Treated	% Difference
pH reduction	3.87	3.74	-3%
Lactic acid % of DM	2.5	7.8	+212%



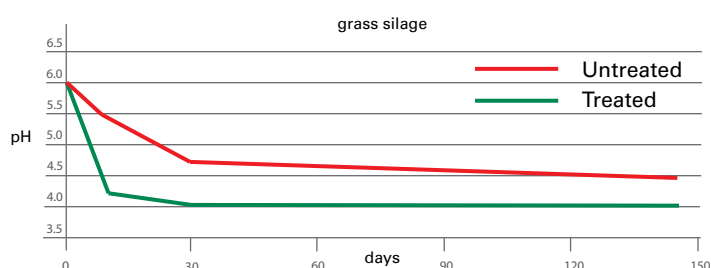
AdVance+ Silage Inoculant

AdVance+ is a unique formulation on the UK market. It combines lactic and acetic acid strains at a guaranteed rate of 1.2 million cfu per g of forage. The strains work together allowing a rapid lactic acid fermentation followed by conversion of some lactic acid into acetic acid. Forages treated with this product will have improved stability compared to standard lactic acid products. Advance+ can therefore be used in forages of all levels of dry matter plus in a wider range of crops including grass, wholecrop and maize.

All three Advance+ strains are approved by the EU, the data from these trials and additional trials is outlined below.

AdVance+ pH Reduction Trials

	Untreated	Treated	% Difference
Reduction in pH	4.5 pH	4.0 pH	-11%
Reduction in spoilage yeasts	1,300,000 cfu/g	225,000 cfu/g	-83%
Less heating - time to reach 20° Celsius	175 hours	230 hours	+31%



AdVance+ Trials on grass, wholecrop and maize

Summary of 5 stability trials submitted to the EU

Crop types: Wholecrop maize, 2nd cut grass silage, Corn Cob Mix

Dry matter range: 28% to 69%

Days Stability			
Untreated	Treated	Difference	% Difference
3.14	6.52	3.38	108%

Summary of 11 fermentation trials submitted to the EU

Crop types: Grass, Red Clover, Alfalfa, Wholecrop Maize, Corn Cob Mix

Dry matter range: 24% to 69%

Sugar Range: 1.1% to 5.78% in DM

Dry Matter Losses			
Untreated	Treated	Difference	% Difference
12.90%	7.60%	-5.30%	-41%

pH			
Untreated	Treated	Difference	% Difference
4.7	4.1	-0.6	-13%

The calculated reduction in dry matter losses in a 25% DM crop is equal to 53 tonnes more silage retained in a 1000 tonne clamp.

At £30/t this is worth approximately £1500

Advance packing options	Liquid 1kg instant powder to liquid
	Granular 20kg
Pricing	Advance - £1.08 per tt
	Advance+ - £1.15 per tt

Carriage free above 250 tt

Quantity, cash price, and silage applicator deals available.

For more information call Provita on

FREEPHONE 0800 3284982

or email info@provita.co.uk