

HayKing

Hay Preservative

A NEW APPROACH TO PRESERVING HAY

Getting the right conditions for hay baling can be challenging. Baling hay at a too a high moisture content can lead to substantial losses in hay quality due to mould and yeast growth as well as heating of the bale.

HayKing consists of a combination of fermentation extracts that help inhibit microbial activity on baled hay. The yeasts are responsible for hay bales heating and certain fungi producing mycotoxins that impair animal weight gain and fertility.

Applying **HayKing** at baling suppresses these spoilage microbes, and as a result the metabolic energy of the forage is retained in the hay at a higher level. This higher energy hay feeds more animals per tonne of hay, as well as improving storage and palatability.

HayKing Liquid or Granules are easily applied through one of our custom Liquid or Granule Applicators. Our sales team will help you choose the correct applicator to suit your needs. To maximise the efficacy of **HayKing** it should always be used in conjunction with good hay making practices.

Benefits

- Helps inhibit mould forming on baled hay
- Increases baling window
- Reduces losses in dry matter and quality
- Easy to apply
- Can be used on lucerne and oaten hay, wheat, barley and pea straw
- Stored at room temperature

Application Rates

HayKing Liquid :	Application rate	
	Below 21 %	21 - 24%
Moisture Content		
Per tonne (1,000 kg) rate	500 mL	700 mL
Conventional small bales up to 35 kg	20 mL	25 mL

20 L preserves 40 tonnes of hay
(at the per tonne rate for below 21% moisture content)

HayKing Granules :	Minimum application rate		
	18%	21%	24%
Moisture Content			
Per tonne (1,000 kg) rate	340 g	550 g	740 g
Conventional small bales up to 35 kg	20 g	25 g	30 g

20 kg preserves 59 tonnes of hay
(at the per tonne rate for 18% moisture content).

Note: The conventional bale dose rate is higher than the per tonne rate to ensure coverage on every bale due to variance in applicator flowrates and the number of bales/minute produced. **Do not use HayKing if moisture exceeds 24%.**

Test hay moisture levels with an accurate hay moisture meter or using a microwave test.

HayKing's zone of inhibition against mould growth



HayKing contains a range of antimicrobial compounds that inhibit the growth of common spoilage organisms, including *Cladosporium* and *Penicillium* species.

Tested independently by BioCult Ltd



HayKing Liquid is available in 20 L and 1,000 L containers, or as Granules in 20 kg bags

Call BioStart **0800 274 524** for more information. biostart.co.nz

MADE IN NEW ZEALAND