

BALE SHIELD[†]

BALE BOOST

PRODUCT DESCRIPTION

Bale Shield Hay Preservative is a propionate based, pH neutral, non corrosive, hay preservative formulation designed for use at point of baling with after market preservative applicators OR applied in windrow immediately post cutting via the Hayspray Applicator (see Product information) to minimise the impact of mould growths

PRODUCT OVERVIEW

Bale Shield Hay Preservative is a buffered non-corrosive hay preservative formulation (pH neutral) designed to enable baling of hay crops at higher moisture levels

- Moulds greatly impact the value of any hay once allowed to occur
- The heat created by moulds can create spontaneous combustion in stored or stacked hay
- Mouldy dusty hay when fed to livestock can be detrimental to animal health and can cause respiratory issues
- The main ingredients in Bale Shield are also produced in the rumens of ruminating animals (cattle and sheep) and the caecum of equines
- The key ingredients of Bale Shield are also used as preservatives in some human consumption foods to assist in mould prevention and to increase shelf life. Weather damaged hay may also have increased risks whilst in hay stacks or stored in hay sheds



Jeff Dalton - Lucerne & Oaten Hay Farmer Swan Hill VIC

I have been using Bale Shield for the past 12 months as and when required by the moisture level of my hay at baling. I apply Bale Shield to minimise any chance of mould as I value add a lot of my hay. I have found the product to be very easy to use. The impact on any livestock from mouldy and or dusty hay can be quite detrimental hence I don't take any chances.



KEY BENEFITS

Bale Shield Hay Preservative at point of Baling

- Enables baling at higher moisture levels whilst minimising heating or mould impacts when used as recommended
- Baling at higher moisture levels may result in higher feed value hay
- Easy to use and apply and doesn't block application equipment

IN WINDROW APPLICATION

- BALE SHIELD CAN BE APPLIED TO THE WINDROW IMMEDIATELY POST CUTTING via the Hayspray Applicator
- Recent trials prove that an application of Bale Shield into the windrow immediately post cutting (applied via the Hayspray 300 Applicator unit) may bring about immediate reduction of in field mould populations and provide extended mould control during the curing process thereby minimising mould population growth and enhancing the hay quality in doing so

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DIRECTIONS FOR USE

| APPLICATION | BALE TYPE | RATE OF BALE SHIELD / T OF DM | | COMMENTS | |
|---|---------------------------------------|---------------------------------------|-------|--|---------------------------------|
| When applying Bale Shield using baling equipment. | Large square bales | Dew moisture 12-16% | 1.5L | Do NOT bale if moisture is >22% | |
| | | Stem moisture 12 - 16% | 3L | | |
| | | Dew moisture 16 - 22% | 2L | | |
| | Round and Small square bales | Stem moisture 16 - 22% | 3.5L | | |
| | | Dew moisture 12 - 16% | 1.25L | | Do NOT bale if moisture is >26% |
| | | Stem moisture 12 - 16% | 1.75L | | |
| Dew moisture 16 - 22% | 1.75L | | | | |
| All bale types | 1L applied in 60 - 100L/T of DM yield | Stem moisture 16 - 22% | 3L | | |
| | | Dew moisture 22 - 26% | 3L | | |
| | | Stem moisture 12 - 16% | 4.25L | | |
| When applying Bale Shield directly to the windrow using a Hayspray applicator | | 1L applied in 60 - 100L/T of DM yield | | Apply directly to the windrow within 24h after cutting using the Hayspray applicator. Bale Shield can be applied with Leaf Retain or Dry Down. | |

SUGGESTIONS FOR USE

- Ensure that the Preservative application equipment on the baler being used is capable of adjusting the rates of preservative applied as and when the moisture level of the crop varies ie variable rate control. Correct rate application rates and coverage are essential to achieving the desired outcome.
- APPLICATION RATES WHEN APPLYING VIA THE HAYSPRAY APPLICATOR are: apply 1 ltr/T of estimated dried hay/Ha with 100L/T for the 1st T/Ha and a minimum of 60L/T thereafter.
- Operate the airblast of the Hayspray Applicator unit at levels to ensure that good windrow disturbance and product coverage is achieved up to the point where windrows are disturbed during the application process

APPLICATION EQUIPMENT

The Hayspray Applicator is specially designed for applying products to windrows using high pressure and directed spray nozzles to assist with penetration into the windrow.



For information regarding the purchase of a Hayspray Applicator contact your local Ag Chem reseller or Vicchem

THE COMPANY

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

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