

Boom Spray Application of Molafos to Cereal Straw

Molafos is commonly poured by hand over individual bales of straw to improve palatability and feed utilisation. However, Molafos can also be applied to windrowed straw in the paddock prior to baling using a boom spray.

Reasons for Applying Molafos to Straw

Straw is a useful source of fibre for livestock, however due to low energy and protein it may be insufficient for maintenance. Molafos is a high energy molasses based liquid supplement containing essential minerals and protein, which can help address deficiencies when feeding straw.

Advantages of Boom Spray Application

- Using a boom spray to apply Molafos to windrowed straw provides a “hands off” approach, when compared to pouring Molafos onto individual bales.
- Spraying Molafos onto the windrows also ensures even distribution through the bale.
- Increasing the time between application to the bale, and consumption of the bale increases the effectiveness of the process.
- Consumption (and budget) is controlled.

Suggestions for Application

While there is no hard and fast rule for application, the following model has been successful over a number of seasons.

- Molafos 15 diluted at a rate of 1:1 with water based on volume. In this case 2400L Molafos mixed with 2400L water. On a weight basis, this is a ratio of 1.32 : 1.
- The Molafos was sprayed onto the windrowed hay at a rate of 80kg Molafos/mt straw (equivalent to 160L solution/mt straw)
- 7 x 65 degree flat fan nozzles (size 20 orifice) through hoop of 1 inch poly pipe.





Example of a “hoop” applicator.



Applying Molafos 15 at a rate of 8% (80kg/ metric tonne DM) will increase the total crude protein of the straw by 1.2%.

Customised Molafos concentrates are available which can increase the crude protein of straw by 5% when mixed at the same rate. Rumen modifiers such as Flavomycin, which are used to improve feed conversion efficiency can also be included.

For Further Information

Please contact your local Molafos distributor or call GrainCorp Liquid Feeds on 1800 333 010.

