



BELMAC ENGINEERING LTD

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**BELMAC TRAILING SHOE SYSTEM**  
[www.belmac.ie](http://www.belmac.ie)

# THE BELMAC TRAILING SHOE



With Splash Plate



With Trailing Shoe



Recent research at the Agri-Food Biosciences Institute (AFBI), Hillsborough, has demonstrated that spreading slurry using a Trailing Shoe slurry tanker increases the utilization of slurry nitrogen by up to 25% compared to conventional splash plate application systems. Additional benefits of the technology include:

- A wider window of opportunity to apply slurry before and between silage cuts
- Opportunities to utilize slurry in grazing systems without tainting the grazing sward
- Reduced smell from slurry spreading,
- A less visible operation in the countryside.



Research studies to date have proven that the Trailing Shoe slurry spreading technology has many benefits to offer in terms of improving slurry nitrogen utilization and widening the spreading window during the growing season.



## BELMAC TRAILING SHOE

The Belmac trailing shoe has 34 outlets and a working width of 7.5m with a 22cm row width. It has an overall transport width of 2.55m which meets road legal requirements. Spreading time when compared to a splash plate is very similar but the spread is more accurate and consistent across the complete working width.



Slurry odour is minimized with no drift and grazing of grass can resume quicker than when slurry is spread with a splash plate system, hence grazing periods are extended. With the trailing shoe system, slurry can be applied at later stages of grass growth, compared to a splash plate system which has to be applied at an early stage. There is no increase in power required when compared to an equal size splash plate tanker and maintenance required is minimal.



Hoses turn up to prevent remaining slurry leaking out during transport. Fitted with hardened stainless steel trailing shoes and special rubber boots to prevent and minimise blockages. Minimum surface damage occurs with the Belmac trailing shoes.



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