

5th January 2021

**PastureBase**  
IRELAND

<b>AFC</b>	<b>Growth</b>	<b>Grass Dry Matter %</b>
<b>832 kg DM/ha</b>	<b>6kg DM/Ha</b>	<b>13.6% (1200 Kg/DM/Ha)</b>

## Cost Effectiveness of Using Low Emissions Slurry Spreading (LESS)

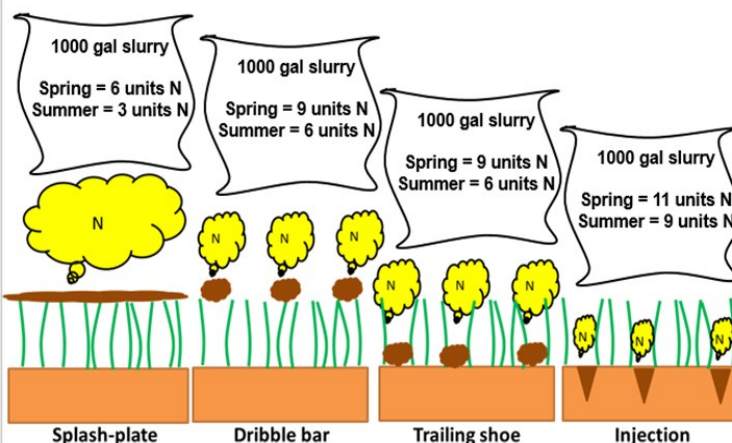
Moving from using splash-plate to LESS techniques has been identified by Teagasc as one of the most practical and cost effective options to increase N use efficiency and reduce ammonia and greenhouse gas emissions from farms.

“The extra cost per hour is small when the extra N value from the slurry when using trailing shoe is taken into account (Table 1)” according to **William Burchill** who works on the Teagasc/Dairygold joint programme. Depending on the amount of loads spread per hour, the extra N covers between 42% and 83% of the extra €20/hr cost in using a trailing shoe compared to a splashplate (Table 1). For a 100 LU farm spreading 150,000 gallons slurry per year the additional contractor cost minus the value of the extra slurry N ranges from €0.45 to €3.45 per LU per year depending on the amount of loads spread per hour.

	2 × 2,500 gal loads/hour	3 × 2,500 gal loads/hour	4 × 2,500 gal loads/hour	Table 1. Extra contractor cost and value of N saved when using a trailing shoe compared to a splash-plate depending on the number of 2,500 gal loads of slurry spread per hour.
Slurry spread per hour (Gallons)	5,000	7,500	10,000	
Extra charge for trailing shoe €/hour	€20	€20	€20	
Extra N units saved per hour	15	22.5	30	
Extra N value €/hour	€8.33	€12.50	€16.67	
Slurry spread on a 100 LU farm Gallons/year	150,000	150,000	150,000	
Extra contractor charge for TS/year	€600	€405	€300	
Extra N value € for TS/year	€255	€255	€255	
Extra contractor cost minus N saving/year	€345	€150	€45	<p><b>Summary</b></p> <p>Making better use of nitrogen in slurry with LESS methods offsets up to 83% of the extra contractor costs per hour for the LESS equipment. Coupled with the ability to spread slurry on grass covers of up to 700 Kg DM/Ha means you should seriously consider LESS methods for spreading slurry in Spring 2021.</p>
Extra contractor cost minus N saving/LU/year	€3.45	€1.5	€0.45	

Diagram below shows the N value from 1,000 gal slurry depending on application method and time of year.

### Slurry Nitrogen Value



### Grass10 Grazing Course Testimonials

John Barry, suckler farmer from Nenagh, Co. Tipperary discusses in the video below some of the improvements he has made on his farm since he has joined the Nenagh Grass10 Grazing course. Some of these benefits are:-

- Grass measurement
- Correct grass for grazing & identifying surplus
- Improving grazing infrastructure

Click on the link here to the video:-

- <http://bit.ly/GS10JBarry>



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## Do you want to improve your grassland management in 2021?

If you would like to join a Grass10 Grazing course in 2021 and join a group of like minded farmers looking to make grassland management improvements, click here to register your interest and the Grass10 team will get back to you with suitable courses in your area for 2021. [www.teagasc.ie/grazingcourses](http://www.teagasc.ie/grazingcourses)



**Grazing Courses 2021**

- 99% of farmers who participated in a Grass10 Grazing Course would recommend it to another farmer
- 90% of participant farmers changed some aspect of their farm management based on what they learnt from the course
- 73% of farmers say that it was very easy or easy to apply the training they learnt from the Grass10 grazing course

Logos: Teagasc, An Roinn Talmhaíochta, Bia agus Mara, Department of Agriculture, Food and the Marine, Grassland AGRO, FBD INSURANCE, IRISH FARMERS JOURNAL, PASTUREBASE IRELAND, AIB

## Grassland Farmer of the Year Awards Ceremony 2020

**Upcoming Event:** Due to the current Level 5 restrictions, the annual 2020 Grassland Farmer of the Year Awards Ceremony will take place on Tuesday 19th January 2021. The digital conference will kick off at 2pm and will be held on Zoom.

The link for the awards ceremony will be available in next weeks newsletter and on social media in the coming week.



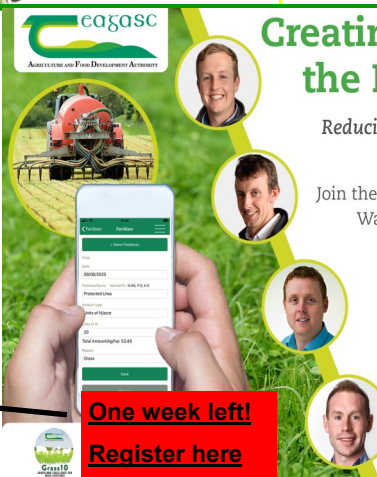
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The Grass 10 team and Pasture-Base Ireland along with researcher **David Wall** and dairy farmer **Kevin Moran** will host a webinar next Wednesday 13th January at 7pm on Zoom.

Increase your Nutrient Use Efficiency in 2021 with the help of Pasture-Base Ireland.

Please click on the link below to register.

<http://bit.ly/PBI-NUE>



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**One week left!**  
**Register here**

## Creating a Win-Win Scenario for the Farmer & the Environment

Reducing fertiliser costs and increasing nutrient use efficiency (NUE) benefits the farmer and the environment

Join the Grass10 & PastureBase experts along with Researcher David Wall as they outline the challenges & opportunities to increase nutrient use efficiency with the help of PastureBase Ireland

Wednesday, 13th January | 7pm

Hear from special guest, dairy farmer **Kevin Moran** and learn how he records his soil fertility and fertiliser on PastureBase and how this helps him become more nutrient efficient on his farm.

Or visit [www.teagasc.ie/grass10](http://www.teagasc.ie/grass10)

Teagasc/Glanbia Future Farm Participant **John Ryan** will take over the Teagasc Instagram and Teagasc Grass10 Twitter account on Friday, 22 January. John will demonstrate how he is going to maximise grass on his farm in spring 2021 and set the grazing platform up for the 2nd rotation.

Click on the link for further info:-

<http://bit.ly/G10JohnRyan>



**Maximising Grass this Spring!**

Social Media Takeover with **John Ryan**  
Teagasc/Glanbia Future Farmer

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Friday, 22nd January | 10am

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