

Derogation Requirements - Summary

	<i>Measure</i>	<i>Comments</i>
1.	Compulsory Liming Programme	<ul style="list-style-type: none"> a) From 1st Jan 2020, a full scale farm liming program to be carried out on farm where identified by soil sample results b) Con-acre (1 year land) excluded only! c) Lime applications must be recorded on the Annual Fertiliser Records d) Invoices will be required on inspection! e) Lime spread since date of soil samples will be taken into account.
2.	Low Emission Slurry Spreading (LESS)	<p>2020 : Applies to all slurry spread post 15th Apr</p> <p>2021 : Applies to all slurry spread post 12th Jan</p> <ul style="list-style-type: none"> a) Volume of Slurry spread by LESS to be recorded on annual records b) Farmers required to have evidence of own machinery / contractor receipts
3.	Reduction in Crude Protein % to dairy cows of meals at grass	<p>Livestock with 100% grass diet from 1st Apr-15th Sept</p> <p>2020 : Max of 16% Cr. Protein Rations</p> <p>2021 : Max of 15% Cr. Protein Rations</p> <p>Crude Protein % to be recorded on feed statements</p>

Derogation Requirements - Summary

3.	Reduction in Crude Protein % to dairy cows of meals at grass	<p>Livestock with 100% grass diet from 1st Apr-15th Sept 2020 : Max of 16% Cr. Protein Rations</p> <p>2021 : Max of 15% Cr. Protein Rations</p> <p>Crude Protein % to be recorded on feed statements</p>
4.	Attendance at compulsory environmental training course	<p>Mandatory course to be attended by all farmers in derogation.</p> <ul style="list-style-type: none"> a) Course details & content to be specified by DAFM b) Proof of attendance will be required! c) Must complete course pre 31st Dec 2021
5.	Grassland Management	<p>From 1st Jan 2020 - two options :</p> <ul style="list-style-type: none"> a) Complete min. of 20 grass measurements on Pasture Base Ireland <u>or</u> b) Attend grassland management course : details to be finalised by DAFM & course to be completed by 31st Dec 2021

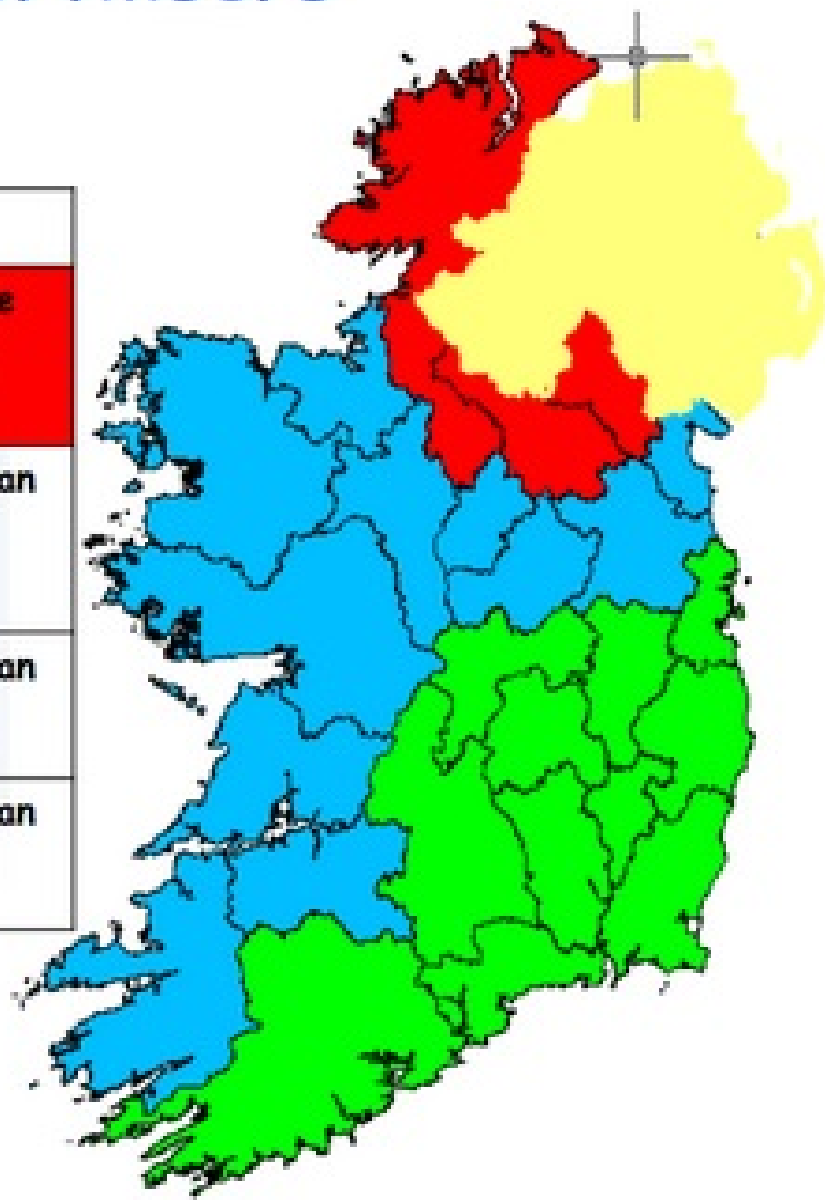
Derogation Requirements - Summary

6.	Inclusion of Clover in Grass Seed Mixtures	From 1 st Jan 2020, must include min. of 1.5 kgs per hectare of <u>naked</u> white or red clover seed in mixture or 2.5kgs of pelleted clover seed.
7.	Exclusion of commonage / rough grazing	From 1 st Jan 2020, lands as declared as Commonage or Rough Grazing on the BPS application will be allocated a maximum of 170 kgs organic N per Hectare with resultant reduced allowance of chemical fertiliser.
8.	Improve Farm Biodiversity	From 1 st Jan 2020, must choose one of the following: a) Leave at least one mature Whitethorn or Blackthorn tree in every 300m of hedgerow. b) Maintain hedges on a minimum 3 year cycle to encourage hedgerow flowering and fruiting.



Prohibited application periods for fertilisers

	Prohibited application period			
Fertiliser type	Start date	Zone A	Zone B	Zone C
Chemical	15 Sept to	12 Jan	15 Jan	31 Jan
Organic	15 Oct to	12 Jan	15 Jan	31 Jan
Farmyard Manure	1 Nov to	12 Jan	15 Jan	31 Jan



Buffer zones for spreading organic fertilisers

Water body/Feature	Buffer zone
Any water supply source providing 100m ³ or more of water per day, or serving 500 or more people	200 metres (or as little as 30 metres where a local authority allows)
Any water supply source providing 10m ³ or more of water per day, or serving 50 or more people	100 metres (or as little as 30 metres where a local authority allows)
Any other water supply for human consumption	25 metres (or as little as 15 metres where a local authority allows)
Lake shoreline	20 metres
Exposed cavernous or karstified limestone features (such as swallow holes and collapse features)	15 metres
Any surface watercourse where the slope towards the watercourse exceeds 10%	10 metres
Any other surface waters	5 metres*

*The 5 metre buffer zone is increased to 10 metres for a period of two weeks preceding and two weeks following the periods when application of fertilisers to land is prohibited as set out in Schedule 4 of the **Regulations** (check the table and map on page 7). The objective of increased setback distances at the shoulders of the closed period is to help retain as much of the applied nutrient in the field as possible thereby reducing its risk of loss through overland flow.

Hedgerow Height

At least 1.5 m high

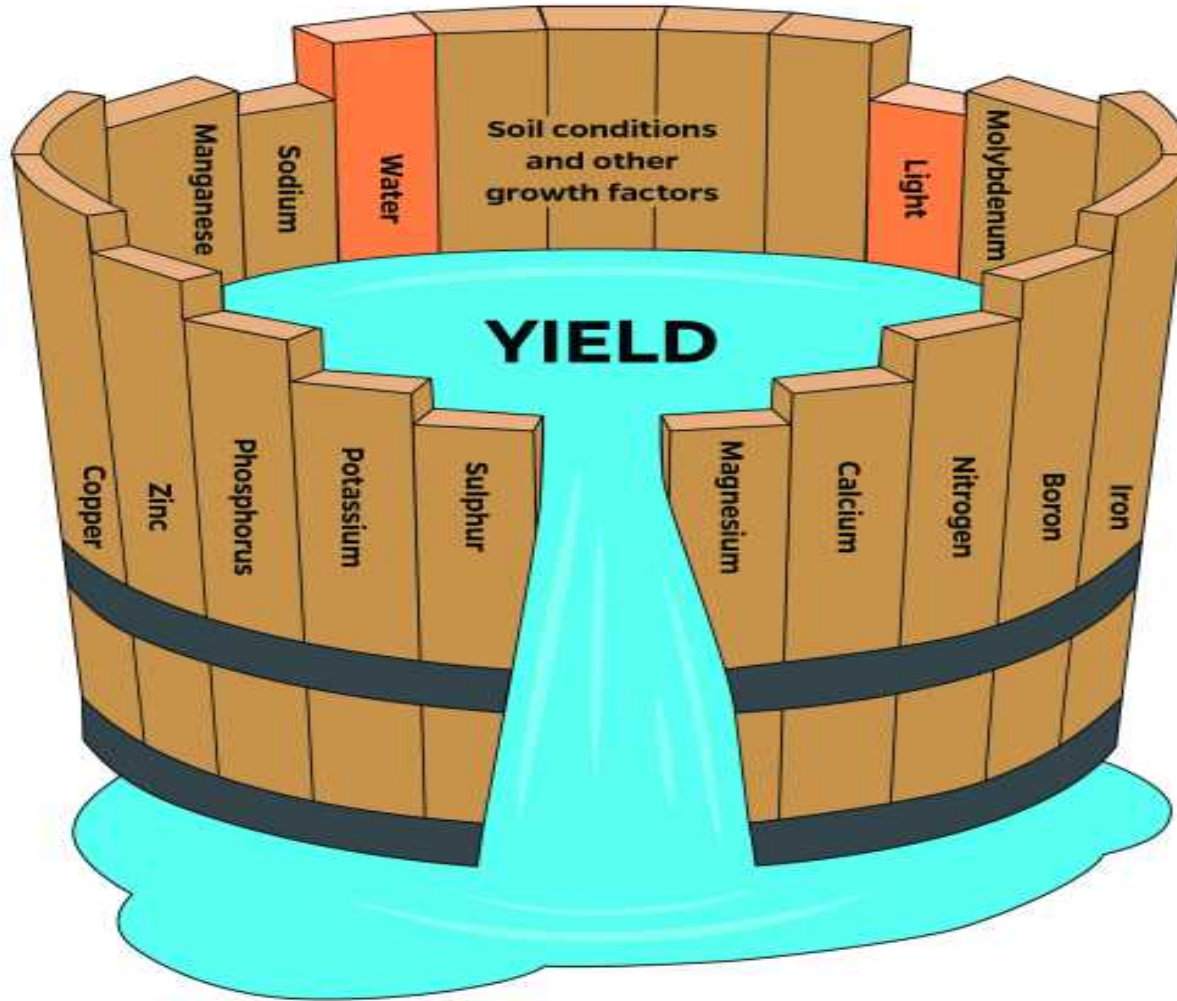
- for birds to nest
- to have cover over and under the nest



Neat and Tidy = Bad for Biodiversity



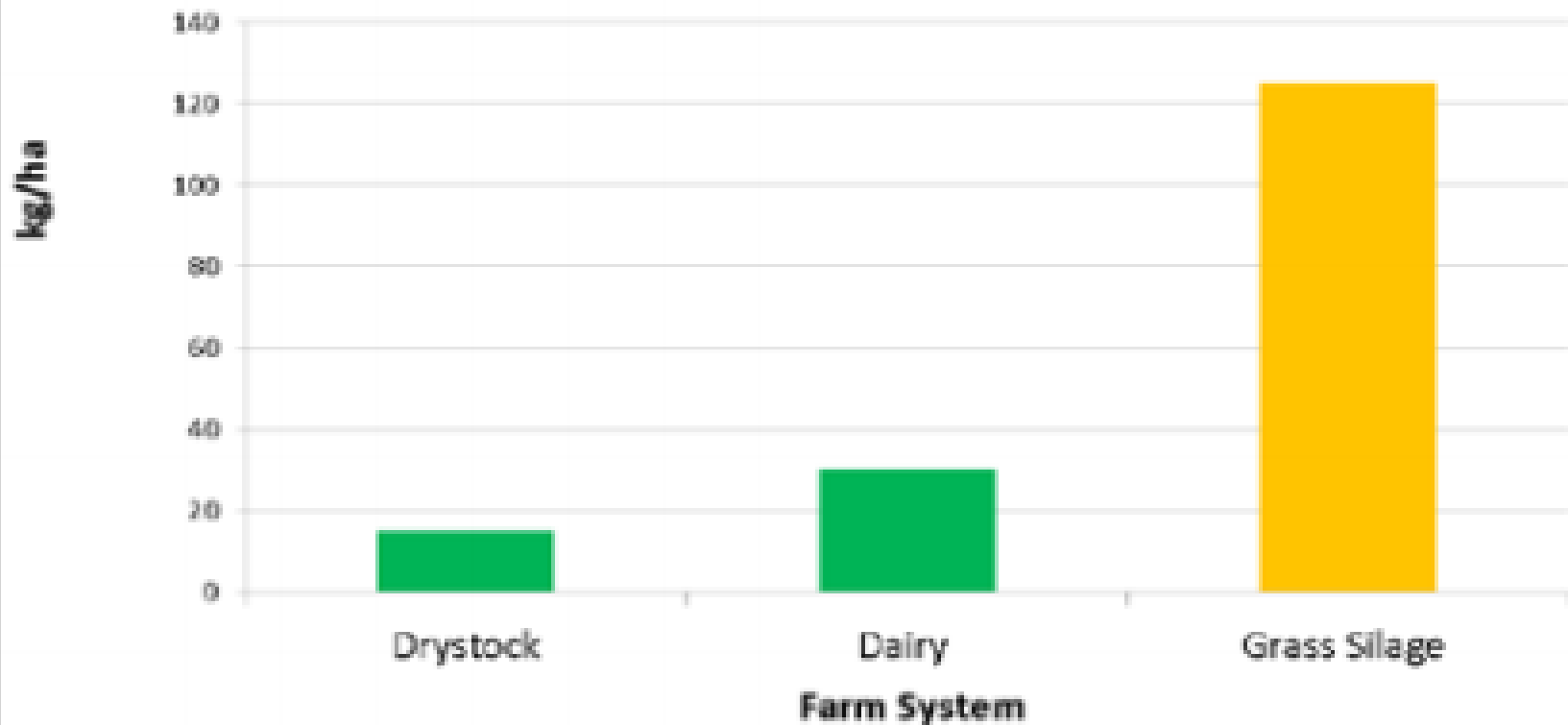
Liebig's Barrel



Fertiliser Deadline day

It's still oK to spread K

K Requirements of Grazing & Grass Silage Crops



Don't Forget the Lime

- Target pH is 6.3

Maintenance rates for K (kg/ha)

Grassland Stocking Rate (kg/ha) Org N	Farming System	
	Dairy	Drystock
≤100	20	5
130	25	10
170	30	15
210	35	20
≥210	40	25

Build-up rates for K (kg/ha)

Soil K Index	K Rates (kg/ha)
1	60
2	30
3	0
4	0

Grassland Farmer of the Year Competition – Closing date Sept 11th



Social Media Takeover

with

John Trant
Clane, Co. Kildare

2019 Young Grassland
Farmer of the Year

 @Teagasc  @TeagascGrass10

Wednesday, 16th Sept

FUTURE FARMING SYSTEMS

on the farm of Jimmy Cotter, Coachford, Co. Cork

AGENDA

- Labour & people management
- Nitrogen use efficiency
- Future sward types

Thursday 17th September
@ 10:30am

