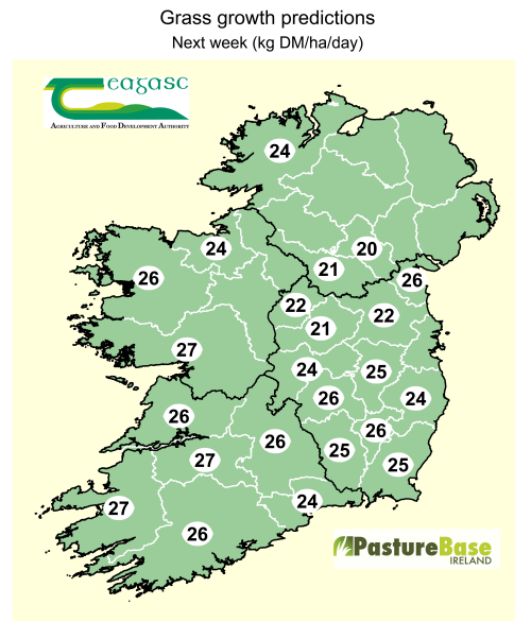
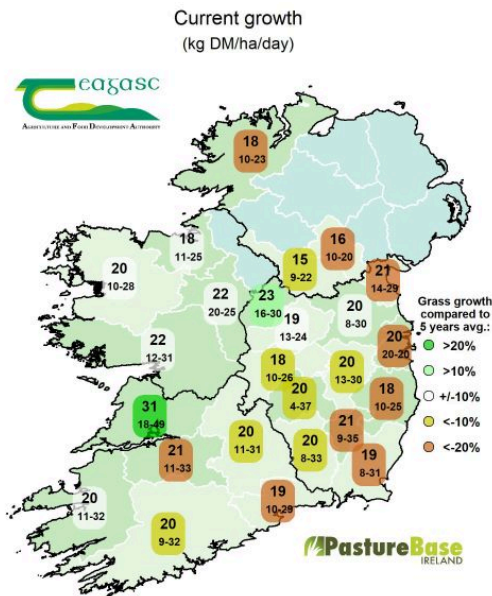


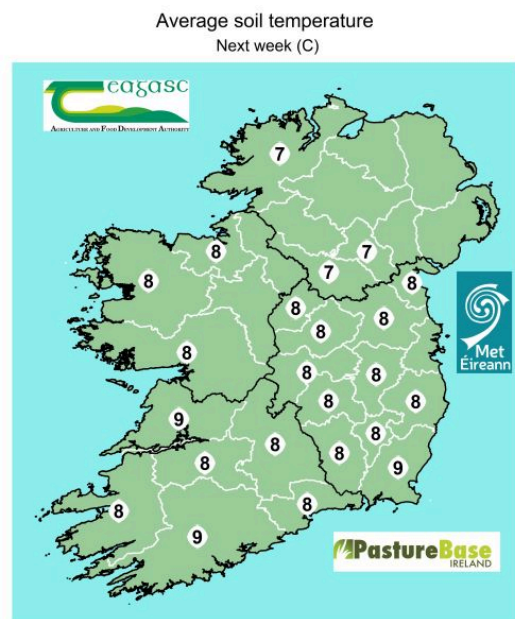
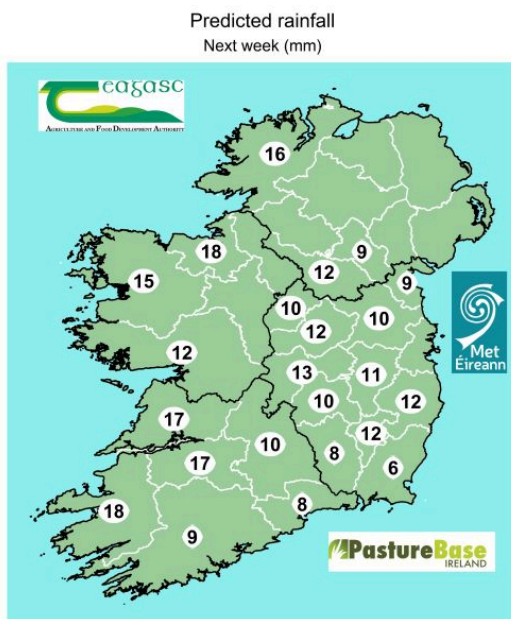
Grass10 Newsletter

332nd Edition - 25th March 2025

Current grass growth & predicted grass growth



Rainfall & soil temperature predictions for the next 7 days

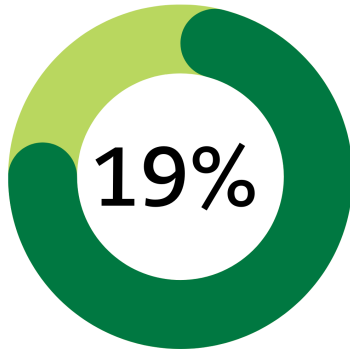


- Current grass growth vs 5 year average is slightly below normal

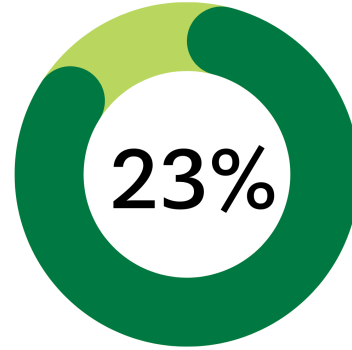
- Grass growth is predicted to range between 20-27 kg DM/ha
- There is 6-18mm rainfall forecast across the country
- Soil temperatures 7-9°C



DRY MATTER%



Moorepark



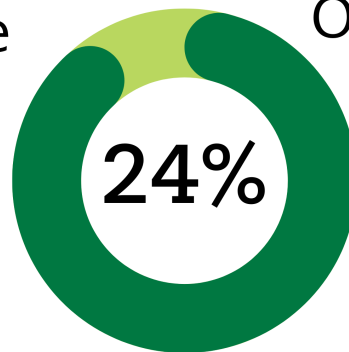
Athenry



Grange



Oakpark



Johnstown



Dairy Farms - PastureBase Data

AFC:
658 kg DM/ha



Growth:
19 kg DM/ha



Diet: 9.5 kg
DM Grass + 5
kg Meal + 3.5
kg Silage



Drystock Farms - PastureBase Data



AFC:
656 kg DM/ha



Growth:
16 kg DM/ha



PastureBase
IRELAND

Weekly Checklist



Grass supply tight
on farms, you must
react



Regrowth on 1st
grazed paddocks







Don't forget
sulphur for
grazing & silage!



Get up to date
with Nutrient
Application



Dairy Farm Cover Data - 25th March

	AFC  350-600 kg DM/ha (Category 1 Farms)	AFC 600-800 kg DM/ha (Category 2 Farms)	AFC  >800 kg DM/ha (Category 3 Farms)
	% of farms	50%	15%
Mean AFC	521 kg DM/ha	689 kg DM/ha	880 kg DM/ha
Cover/LU	212 kg DM/LU	263 kg DM/LU	335 kg DM/LU
Growth rate	16 kg DM/ha	19 kg DM/ha	23 kg DM/ha
PBI Demand	25 kg DM/ha	27 kg DM/ha	31 kg DM/ha
Grass Allocation Target	6 kg Grass - Grass by day	8-10 kg Grass - Grass by day + 3hr after evening milking	11-13 kg Grass - Fulltime at grass
Nutrient Application Target (Organic & Chemical)	All farms need to have 60 units N/ac (75 kg/ha) spread by now 		

Grass supply tight on farms, you must react

- A significant proportion of farms are currently below AFC target
- Therefore, walking the farm every week to access grass supply is critical
- AFC needs to be maintained above 600 kg DM/ha on all farms
- Farms in Category 1 need to reduce grass demand on farm now. Growth rate (16 kg DM/ha) on these farms is being impacted by low AFC
- Both Category 2 and 3 farms are on track (AFC is adequate as is grass demand) at present
- Many farms will have to match growth and demand

Regrowth on 1st grazed paddocks

- First paddocks grazed need to be monitored for the next 2-3 weeks
- To begin the 2nd rotation on the 7th of April, the first 4-5 grazed paddocks must have a cover >800 kg DM/ha. If the cover is below this threshold, you will need to extend the rotation start date into April
- For many farms the AFC should be at least above 650-700 kg/ha at the start of 2nd rotation
- If possible, it is important to mix 1st & 2nd round grass

Don't forget sulphur for grazing & silage!

- As you order chemical fertiliser for grazing and silage in the coming weeks, do not forget about Sulphur
- For grazing fields, apply 20 kg S/ha/year (16 units/acre/year) by July 1st. Select a product such as 18-6-12+ S or P.Urea+ S & apply between March & July
- For silage fields, apply 15 kg S/Ha/cut (12 units/acre/cut). If receiving cattle slurry @ 3,000gals/ac, apply P.Urea+ S (38% N + 7% S) to balance crop N & S requirements

Get up to date with Nutrient Application

- Important to get up to date with fertiliser application for grazing and fertiliser & slurry application for silage
- Nitrogen and slurry - if below recommended in table above, spread N now. If on target next application is 20 kg N+S/ha by 15th April

- 2nd applications of fertiliser on grazed ground should be N-P-K+S type products if you have P allowance and no slurry was applied i.e. 18-6-12+S
- For paddocks that have received slurry, apply a N+S type product
- Target slurry to silage ground from now on at a rate of 2500-3000 gal/ac
- For silage ground on grazing platforms, do not apply full silage N rates in one go

Watch Grass10 TV's new episode 

"Achieving top growth rates for your next generation of cows on early grass!"



Sulphur - an important nutrient!

Table 1:- The benefits of sulphur applications in grass production (Johnstown Castle, 2022)

Grass yield (t/ha)	+ 2.6t/ha
Nitrogen Uptake (kg/ha)	+ 38kg/ha
N leaching reduction (kg/ha)	-22kg N/ha
Nitrogen Use Efficiency (%)	+ 25%

Grass10 Featured Farmer



AFC:
646 kg DM/Ha
Growth:
14 kg DM/Ha
Demand:
26 kg DM/ha
% grazed:
70% grazed



**Cows grazing
by day: 7 kg
grass + 6 kg
meal + 6kg
silage**

Milk Yield
25 Litres @
4.62 %Fat &
3.45 % Protein

2ND ROTATION
I have 800-900 kg
DM/ha back on the
1st 5 grazed
paddocks. I plan to
start my 2nd
rotation on the 10th
April

**Eoin
Corrigan,
Trim, Co.
Meath**



**FERTILISER - 1ST
CUT SILAGE**
Silage ground got
3,000 gal/ac of slurry
in February.
Recently, it got 2.25
bags/ac Pro.Urea+S
& 1 bag/ac 0-7-30



Eoin's cows achieving excellent graze outs!



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