

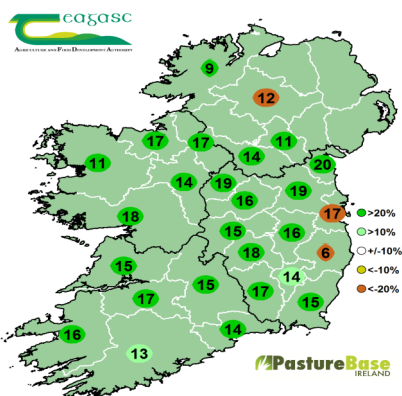
23rd November 2021

PastureBase data from dairy farms:

PastureBase
IRELAND

AFC	Cover/LU	Stocking Rate	Growth	Demand	Grass DM + Silage DM + Concentrate	Pre Grazing Yield
674 Kg DM/Ha	255 Kg DM/LU	2.64 LU/ha	16 Kg DM/ha	22 Kg DM/ha	5 Kg + 10 Kg + 3 Kg	1580 Kg DM/Ha

Grass growth measurement
Today's grass growth (kg DM/ha/day)



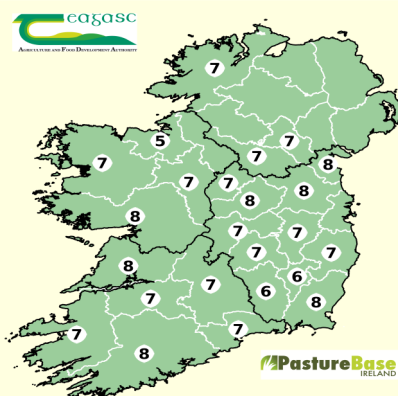
On the left: counties map showing **current** grass growth rates over the last week.

On the right: counties map showing **predicted** grass growth over the next 7 days from farms involved in Elodie Ruelle's MoSt grass growth model (55 farms).

Predicted Growth Rate:

Ballyhaise 7 kg DM/ha
Wexford 6 kg DM/ha
Athenry 7 kg DM/ha
Clonakilty 8 kg DM/ha

Grass growth predictions
Next week (kg DM/ha/day)



A Great Autumn at Ballyhaise- Donal Patton & Barry Reilly

A new experiment has started in 2021 at Ballyhaise with the focus on the benefits of grass-clover swards, the transition from grass-only to grass-clover swards, and the nitrogen surplus on the farm. There are four grazing treatments currently on the farm; grass-only on high concentrate (HC) - being fed 1,200 kg meal per cow, grass-clover on HC, grass-only on low concentrate (LC) - being fed 600 kg meal per cow, grass-clover on LC.

The target closing AFC for December 1st is 800 Kg DM/ha. So the farm is ahead of target but are happy to carry the AFC forward into 2022. The cows were housed by night since November 1st (70% closed) and housed full time last Thursday (Nov. 18th). There were no days missed at grass and the HC treatments did not benefit from any extra days at grass. The grass covers are in the right paddocks with 85% of the grass-clover paddocks with a cover < 500 Kg DM/ha. Donal commented that there is a high clover content in these paddocks currently. Most of the grass being carried is on grass swards where clover has not yet been established.



Grass-Clover LC treatment	Performance
AFC	849 kg DM/ha
Cover/LU	340 kg DM/LU
Growth	14 Kg DM/ha/day
Heaviest Covers Carrying into Winter	1,600 Kg DM/ha
Finished Grazing on	November 18th
Meal + Silage	3 kg + 15 Kg DM
Milk Yield/Cow	12.2L (1.2 Kg MS)
Annual Tonnage (Grass-Only Treat-)	12.1 T DM/ha (13.7 T DM/ha)
Total N Applied (Grass-Only Treat-)	194 Kg N/ha (254 Kg N/ha)

"The grass-clover paddocks received no nitrogen after clover establishment to encourage clover growth. We were very happy with the level of clover establishment and the clover content in these swards. It will be interesting to see how the clover survives into next year, and the impact it will have on next year's grass growth and animal performance." - Donal Patton

Grass10 Grazing Tips for the Week- Time to complete a closing Average Farm Cover (AFC):

- Super weather & ground conditions having left many farmers tempted to keep grazing this Autumn. Do **NOT** regrazed closed paddocks at this stage unless you have calculated you will be on target with your AFC on Dec 1st as seen in the table here to the right. Remember grass grazed in the spring will earn you more profit than grazing it now. So ensure you have enough by using the targets.

- Over the next week, it is time to establish a closing AFC for your farm. A closing AFC cover is a very useful figure to have for your farm to review and analyse grazing management in the shoulders and also to review performance on the grass grown on your farm throughout 2021.

Stocking Rate	Average Farm Cover on Dec 1st	Covers on Strongest Paddocks
2.5 LU/ha	600	~ 1200 Kg DM/ha
3.0 LU/ha	650-700	~ 1400 Kg DM/ha
3.5 LU/ha	700-750	~ 1600 Kg DM/ha

PastureBase data from sheep & beef farms:

23rd November 2021

AFC	Days Ahead	Stocking Rate	Growth	Demand	Pre Grazing Yield
582 Kg DM/Ha	36 days	1.4 LU/ha	14 Kg DM/ha	16 Kg DM/ha	1450 Kg DM/ha

GFOY Update: David O Leary, Co. Kerry – Young Farmer Category Winner

"I am finished grazing now about 10 days and overall I am happy with how autumn grazing went on my farm. I have about 30% of my herd dried off & I am now milking once-a-day. The cows are milking 8 litres @ 5.8 Fat & 4.56 Protein on 2.5 kg of meal. I completed a farm walk yesterday and my Average Farm Cover (AFC) is at 850 Kg DM/Ha which is a small bit ahead of target, but an excellent complaint! I will complete another farm walk in early December to establish closing AFC, which I expect will be around 900 Kg DM/Ha and with a typical winter growth rate of 3-4 Kg per day, I expect to have 1100 Kg DM/Ha of an AFC in mid February 2022.



Fertiliser 1. Fertiliser Summary

There was no Fertiliser entered in the last 10 days



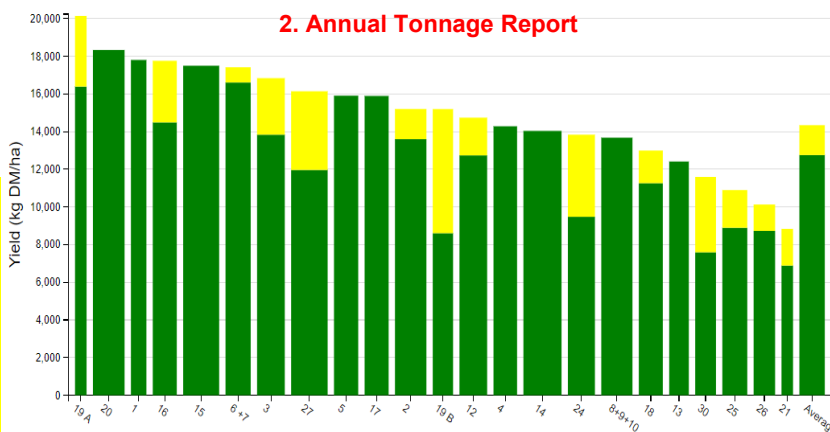
YTD			
N (kg/ha):	P (kg/ha):	K (kg/ha):	S (kg/ha):
178.75	27.97	119.92	13.18

On the right is David's Fertiliser Summary & Annual Tonnage Report for 2021 which are all available on the report section on PastureBase Ireland. David has been recording his fertiliser & slurry application on PastureBase Ireland & has great information on what each paddock has received throughout the year. David has grown over 14 Tonne DM/Ha of Pasture in 2021, off 178 Kg of chemical N per Ha (210 Kg/N per Ha chemical + slurry) which is very impressive.

Between now & Christmas is the ideal time to review your PastureBase Ireland reports & identify areas for improvement in 2022. Make a commitment to record all fertiliser & slurry applied on PastureBase for 2022. Use the Grass10 scorecard to review your grass year -:

<https://bit.ly/PBI-Scorecard>

2. Annual Tonnage Report



Grass10 & PastureBase Webinar

The Grass10 & PBI team are hosting a not-to-be-missed webinar with dairy farmer John Phelan joining us to review his 2021 performance & also discuss how you can use PBI to grow your business in 2022. See more at:

<https://bit.ly/G10Webinar>

The National Dairy Conference has been moved online due to current covid restrictions. It is on today & tomorrow, 23rd & 24th November (10-11.30am both days) Register at

bit.ly/31BnhBP



Opportunities for growth in 2022 with PastureBase Ireland

Thursday, 2nd December | 7pm

Join the Grass10 & PastureBase team as they discuss:

- What reports are available on PastureBase Ireland
- Understanding your PastureBase Ireland reports
- Identifying 3 areas to improve on your farm in 2022

Dairy farmer John Phelan from Co. Waterford will join us on the night to discuss his 2021 grass performance and identify areas for improvement in 2022.



Or visit www.teagasc.ie/grass10



Virtual Dairy Conference

23 & 24 November | 10am - 11:30am

The best technical advice on meeting our climate obligations, the future direction of Ireland's dairy breeding programme and practical solutions on improving dairy farm efficiency



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

