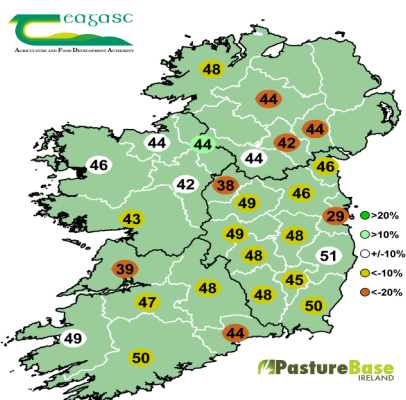


4th May 2021

PastureBase
IRELAND

AFC	Stocking Rate	Cover/LU	Growth	Demand	Grass/Meal/Silage	Pre Grazing
730 kg DM/ha	3.6 LU/ha	203 kg DM/LU	49 kg DM/ha	51 kg DM/ha	14kg/3.5kg/0.5kg	1619 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:

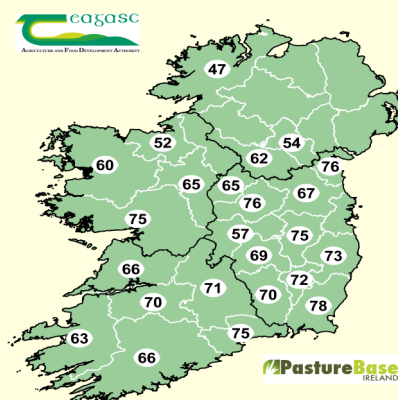
Ballyhaise 58 kg DM/ha

South Wexford 69 kg DM/ha

Athenry 74 kg DM/ha

Clonakilty 83 kg DM/ha

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



Reseeding Completed in the Treaty County

Michael Carroll farms in Coolruss, Co. Limerick, milking 143 cows on a 54 Ha milking platform. Michael is a member of the Grass10 Grazing Group in Kilmallock.

Grass Supply "My farm is in surplus at the minute. My plan is to remove 4 paddock over the next few days for surplus bales. I had been walking the farm weekly, however I feel it is not enough and that even with the colder weather, my farm is growing well, I will now walk every 5 days. My aim is to keep pre grazing yield at 1400 Kg DM/ha"

Reseeding "I reseeded a paddock 12 days ago. It was direct drilled with 11 Kg per acre of a multi species mix which included ryegrass, timothy, meadow fescue, white clover, red clover, plantain and chicory"

"I wanted to trial this and see what benefits multi species has for my farm. We do need rain to arrive to encourage it to take off"



Michael Carroll, in a recently reseeded paddock on his farm.

Current performance:-

AFC (kg/ha)	857
Cover/LU (kg/LU)	218
Stocking Rate	3.76
Growth (kg/ha/day)	58
Demand (kg/ha/day)	59
Pre Grazing Yield	1450
Meal (kg /cow)	2.5
MS yield (kg/cow/day)	2.15

Grass Dry Matter %

Moorepark, Co. Cork

21% (1650 Kg DM/ha)

Athenry, Co. Galway

20% (1500 Kg DM/ha)

Grange, Co. Meath on Friday

25% (1660 Kg DM/ha)

Average Farm Covers (AFC) holding across the country

Data from PastureBase Ireland tells us that even with the changeable & cooler weather that 95% of farmers have an AFC over 500 Kg DM/ha, and 82% have an AFC of over 600 Kg DM/ha that have walked farms in the past 7 days.

The key message is to continue to walk the farm every 5 days.

For farmers with an AFC <550

- 1) Hold feeding levels until growth increases (match growth & demand)
- 2) Stick to a 20– 22 day rotation
- 3) Keep pre grazing yield at 1200 Kg DM/ha or higher

Grass10 & PBI Webinar Series returns tomorrow Wednesday 5th May at 7pm on Zoom.

Register here- www.teagasc.ie/grass10



Reseeding & Clover Management with PastureBase Ireland

Wednesday, 5th May | 7pm

Join the Grass10 & PastureBase team on the night along with Teagasc Researcher Michael Egan as they discuss:

- How to identify paddocks to reseed on your farm by using PBI
- Why you should include clover in your reseed in 2021
- Using the Pasture Profit Index (PPI) to pick perennial ryegrass varieties for your 2021 reseed
- Management tips to ensure the long term success of the grass/clover reseed
- Entering reseeding events on PastureBase Ireland

Hear from dairy farmer James Barber from Co. Laois on the night about his experience of grass/clover reseeding on his farm



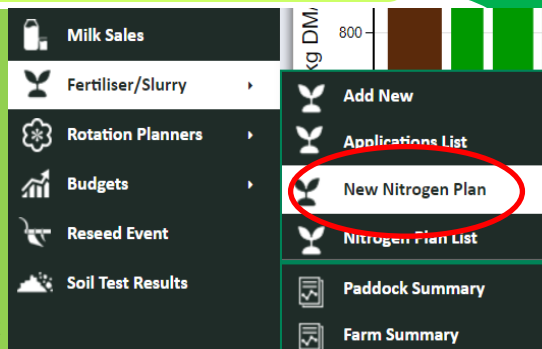
Or visit www.teagasc.ie/grass10

New Nitrogen Planner On PastureBase Ireland

A new Nitrogen Planner is now available on PBI. This new tool is available on the browser in the 'Fertiliser/Slurry Application' option. The aim of this planner is to help farmer track nitrogen application as well as recommending amounts of Nitrogen to be applied each month. There are three simple steps in creating a plan;

- 1) Calculate the amount of slurry available on the farm
- 2) Allocate your paddocks to a particular use (grazing, grazing + 1 cut etc)
- 3) Choose the fertiliser product and the amount of slurry to be applied

Once a plan is created you can track target versus actual in three different report (Slurry N, Chemical N and Total N). We recommend all farmers to complete a plan and start recording fertiliser and slurry application on PBI. **If you would like more information on this please contact the Help Centre on support@pbi.ie or 046-9200965.**



PastureBase IRELAND



Heavy Soils Programme
Social Media Takeover
Thursday, 6th May
with 2018 Disadvantaged Land Grassland Farmer of the Year
Danny Bermingham
Doonbeg, Co. Clare

@TeagascGrass10
@Teagasc

Danny Bermingham's Social Media Takeover!

Danny Bermingham from Doonbeg, Co. Clare will take over the @Grass10 Twitter and Instagram accounts this Thursday 6th May.

Danny has focused on improving grassland production and management in recent years with investment in land drainage, grazing infrastructure and sward quality playing a key role so tune in to our social media accounts on the day to see how he achieves such high performance from grass on a heavy soils farm.

Further info-: <http://bit.ly/BerminghamSMT>

GFOY Update

JP Hammersley (Grassland Merit Award Winner- Sustainable Farming Category)

" Growth is still quite slow with us here in Tipperary with frost at night! We are matching growth and demand at the minute to hold Average Farm Cover. I have identified 12 acres for re-seeding, which I am completing some drainage work on and I will reseed this later in May"



AFC	606 Kg DM/ha
Cover/LU	163 Kg DM/LU
Growth	37 Kg DM/ha/day
Demand	36 Kg DM/ha/day
Days Ahead	17 days
Stocking Rate	3.7 LU/ha
PGY (kg DM/ha)	1400 Kg DM/ha
Fertiliser	1 bag of 18.6.12 to the acre after grazing. (18 units N)
Diet	Grass only

Teagasc Research Insights Webinar

Using White Clover

On a recent Teagasc Research Insights webinar which took place on Wednesday, 28th April, Padraig French, Head of Livestock Systems Department and Dairy Enterprise Leader was joined by Deirdre Hennessy, Philip Creighton & Michael Egan, Teagasc Research Officers to discuss using white clover to reduce chemical nitrogen application and increase animal performance.

Key take home messages from the webinar-:

- 1.2 tonne DM/ha extra herbage grown and 50 kg Milk solids more per cow produced in Clonakilty on grass clover swards
- Increased N use efficiency %
- In sheep systems, lambs are finished about 1 week earlier on grass clover swards
- Soil fertility and grazing management + post sowing management are critical for the success of a grass clover sward

Click here to view -: <http://bit.ly/CloverResearchInsights>

Teagasc have produced a booklet on establishing and managing grass/clover swards. This is essential reading for farmers looking to incorporate clover in a reseed in 2021.

Click here to view-: <https://bit.ly/CloverBooklet>

