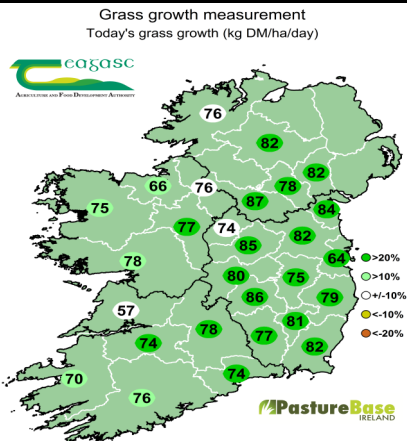


8th June 2021

PastureBase data from dairy farms:

AFC	Cover/LU	Stocking Rate	Growth	Demand	Diet (Grass + Meal)	Pre Grazing Yield
743 Kg DM/Ha	186 Kg DM/LU	4 LU/ha	80 Kg DM/ha	61 Kg DM/ha	15 Kg DM + 3 Kg	1714 Kg DM/Ha

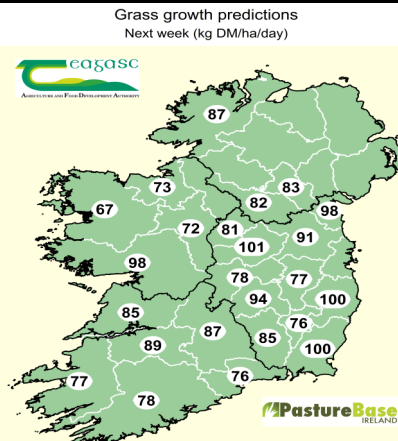


On the left: counties map showing **current** grass growth rates over the last week.

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 80 kg DM/ha
South Wexford 88 kg DM/ha
Athenry 95 kg DM/ha
Clonakilty 68 kg DM/ha



Trying to win the battle with Grass Quality in the West

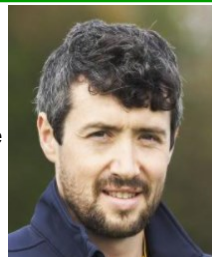
David Gannon milks 157 cows just outside Athenry in Co. Galway. He is the host farmer for the Grass10 South Galway Grass Group.

"At the minute, there is a constant battle with grass quality on farm. We have had very strong growths over the last couple of week, recording 100 Kg DM/Ha per day last week and 80 Kg DM/ha this week. However grass is shooting to stem at low covers so I am doing a lot of correcting paddocks at the minute"

"We are dropping paddocks out for surplus bales and we also topped 2 paddocks that I had to graze in order to hit the dung paths" The paddocks cut for bales a couple of weeks ago are growing back lovely and I will have some super grass in a weeks time"

"We are following the cows with 20 units of protected Urea per acre and any paddocks that are cut for bales are getting 1.5 bags of 18.6.12 to the acre in order to apply back some P & K"

The cows dropped in the tank over the last 10 days, both from a mix of grass quality and from being slightly passed peak but they still are producing 1.9 Kg of Milk Solids at the minute on 1kg of meal so I am reasonably happy.



Grass Dry Matter %

Moorepark, Co. Cork

15.5% (1500 Kg DM/Ha)

Grange, Co. Meath

22% (1500 Kg DM/Ha)

Ballyhaise Co. Cavan

18% (1450 Kg DM/Ha)

AFC	612 kg DM/ha
Cover/LU	163 kg DM/ha
Stocking Rate	3.75 LU/ha
Growth	80 kg DM/ha/day
Demand	60 kg DM/ha/day
PGY	1450 kg DM/ha
Milk Yield	1.90 kg MS/cow
Diet (Grass+Meal)	17kg + 1kg

David Gannon's Grass Data

Using the Projected Wedge on PastureBase Ireland

High growth rates again this week result in many farmers either taking surplus bales or putting in the pit with 1st cut. The projected wedge is a tool on PastureBase that projects your grass wedge up to 10 days forward. David Gannon relies on it to make decisions removing surplus paddocks during the grazing season:-

"Using the projected wedge gives me a picture of the farm for example in 7 days time. I can then see how many paddocks I can potentially take out for surplus in order to keep correcting the paddocks on the farm, while keeping around 150/160 Kg DM/LU. I use the predicted growth from Athenry from the MoSt Grass Predictor model which is a good guide"

Grass10 Grazing Tips

Favourable growing conditions have resulted in strong growth rates of 80 Kg DM/Ha per day on Dairy farms and 68 Kg DM/ha on beef & sheep farms. With rain promised during the week for most areas, the MoSt Predictor model is predicting strong growths for the next 7 days.

- Keep walking the farm every 5 days as paddocks with 800 Kg DM/ha and above are growing very fast currently
- Keep pre-grazing yields to 1400 Kg DM/ha and cover/LU at 160-180 Kg DM/ha or 12-14 days ahead
- Now is the time to correct paddocks that have a high proportion of stem.

Grass10 Weekly Update

Help PBI Support Log Out

Cover Date: 08/06/2021 (Prev: 02/06/2021)

Projected / Planner Edit Cover Export/Print

8th June 2021

PastureBase data from sheep & beef farms:

AFC	Days Ahead	Stocking Rate	Growth	Demand	Pre Grazing Yield
784 Kg DM/Ha	18 days	3.37 LU/ha	68 Kg DM/ha	44 Kg DM/ha	1847 Kg DM/ha

Fertiliser for 2nd Cut Silage

Mark Plunkett, Teagasc Johnstown Castle, Co. Wexford

By the end of this week, the majority of 1st cut silage will have been harvested & the focus changes to growing a 2nd crop for many farmers. With the late Spring & poor weather, animals were housed a lot more during March and April so most farmers have a considerable amount of slurry still in yards. Now is the time to apply this slurry.

Fertilise 2nd cut grass silage based on crop yield potential. Table 2 below shows the fertiliser requirements based on a grass dry matter yield of 3t DM /ha (6t fresh grass/ac). Suggested fertiliser programme for 3t DM/ha shown with and without cattle slurry at various rates depending on grass yield.

Table 2:- Second Cut Silage N, P & K Req. (off-takes)^{3, 4} Based on Grass Yield & Fertiliser Programmes

Grass Yield (ton DM/ha) ²	N kg/ha (units/ac)	P kg/ha (units/ac)	K kg/ha (units/ac)	S kg/ha (units/ac)	Fertiliser Options ¹	
					No Slurry ¹	Cattle Slurry gal/ac ⁵
3t DM (6t/ac fresh grass) ⁴	75 (60)	12 (10)	75 (60)	12 (10)	3 bags/ac 15-3-20 0.4 bag/ac ProUrea +S	2,000gals/ac 1.2 bags/ac ProUrea+S

¹ Protected Urea (Urea 40% + 6% + NBPT). ² Apply 4kg P & 25kg K per tonne of grass dry matter (DM). ³ N, P & K advice for crop off takes based on grass DM yield at harvest time. ⁴ Fresh grass @ 20% DM. ⁵ Slurry applied with low emission applicator.

GFOY Update - Thomas Hogan, Suckler Category Winner

"Very happy with the grass situation currently. 13 days grass ahead, however I am keeping an eye on pre grazing yields and I will drop a paddock for bales if we get another strong week of growth.

Our 1st cut is being lifted today, after being mowed on Monday. It is coming into the pit in great condition. I am following the cows & calves with 1 bag per acre of 18.6.12 "



Successful Clover Incorporation in Co. Limerick

Danny and Patrick Cremin run a dairy farm in Ballyagran, Co. Limerick.

Last year, they over sowed clover, 2 medium leaved varieties into existing swards into many of the paddocks during the April to June period. They used a Guttler machine (with a clover setting wheel) to oversow the clover at a seeding rate of 2kg/acre (5 kg / ha). 18:6:12 + S (1 bag/acre) was the fertiliser used at over sowing to help establishment of the clover plant. However entering the swards on a shorter rotation and at a pre-grazing cover of 1200 kg DM/ha is key to getting the clover established well. Fertiliser N applications were reduced as the season went on.

This year has been good to clover on the farm and grazing the sward at 1100 to 1300 kg DM/ha for the last 2 months has benefitted the proportion of the clover in the sward currently. The last fertiliser application was ¾ bag/acre of 18:6:12 (13 units of N/acre) and 2000 gals/acre of watery slurry will be applied in the coming rotation to make better use of clover and encourage the clover plant to become more established.



Rotation No.	4th rotation today
AFC	766 Kg DM/ha
Growth	78 Kg DM/ha/day
Demand	60 Kg DM/ha/day
Stocking Rate	4.02 LU/ha
PGY (kg DM/ha)	1450 Kg DM/ha
Days ahead	13 days
Fertiliser	1 bag of 18.6.12 after grazing to the acre
Annual Tonnage	4,150 Kg DM/ha