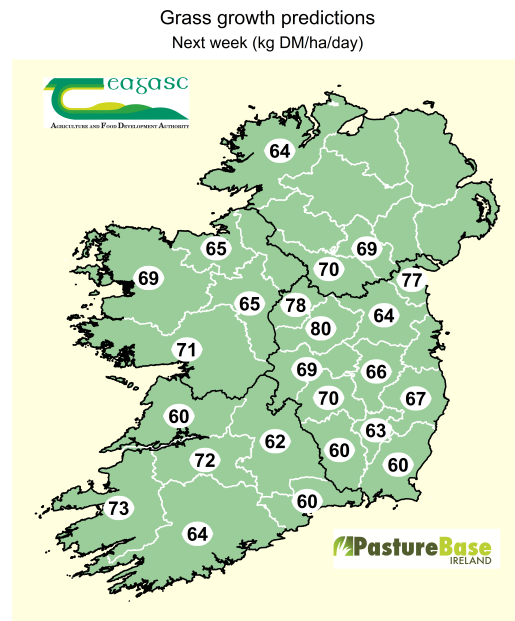
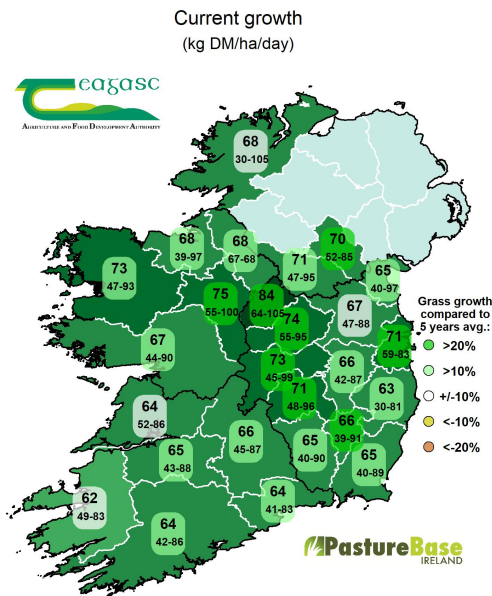


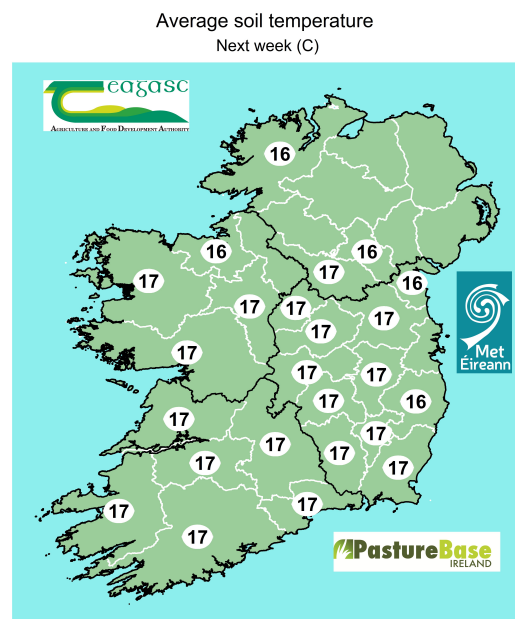
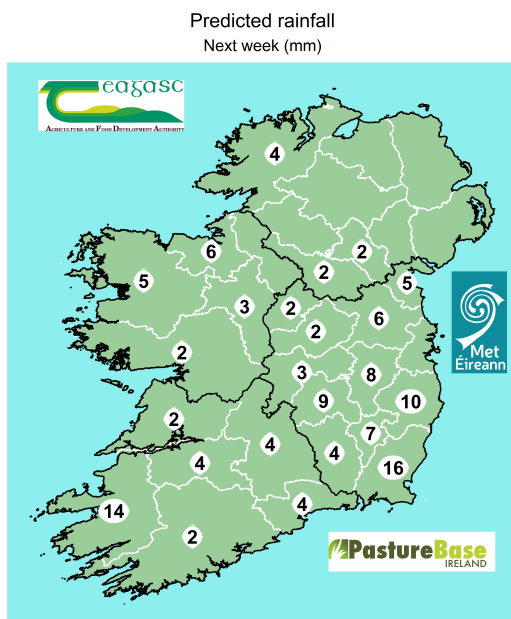
Grass10 Newsletter

344th Edition - 17th June 2025

Current grass growth & predicted grass growth



Soil Temperatures and rainfall predictions for the next 7 days

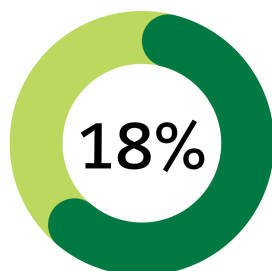


- Current grass growth above the 5 year average

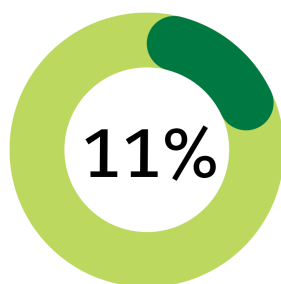
- Grass growth is predicted to be 68kg, range between 60-77 kg DM/ha
- Rainfall amounts are between 2-16mm
- Soil temperatures above normal (16 -17°C)
- Dry matter below is influenced by rainfall



DRY MATTER%



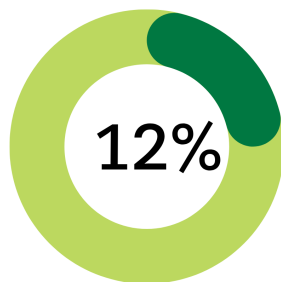
Moorepark



Grange



Johnstown Castle



Oak Park

Weekly Checklist

Removing surplus grass on farm



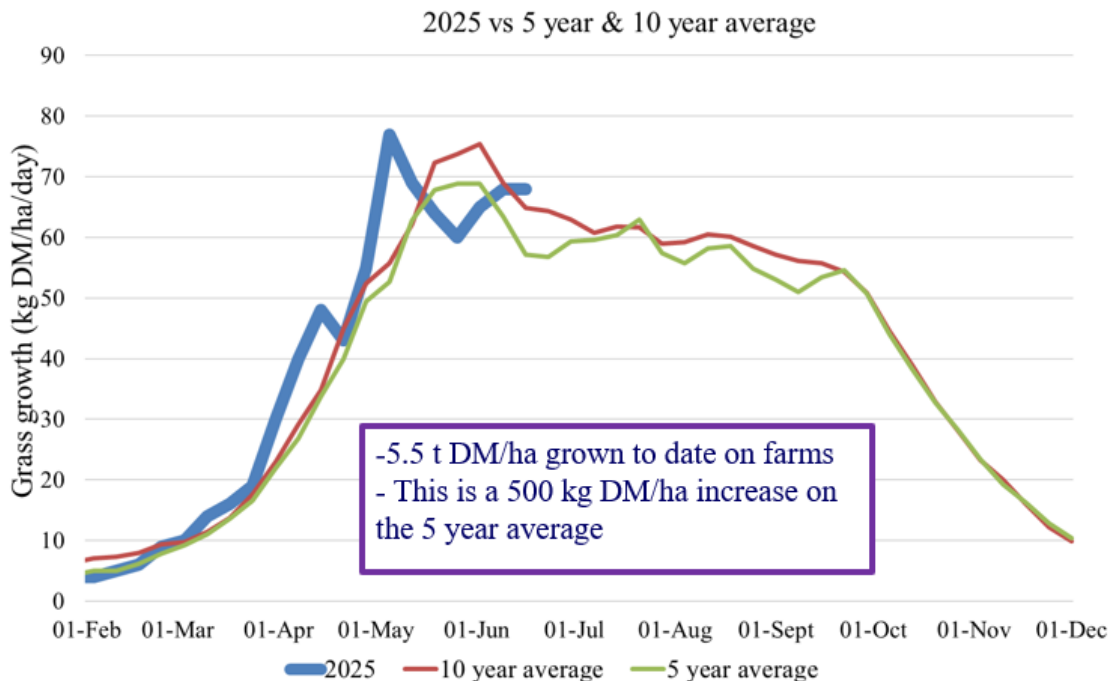
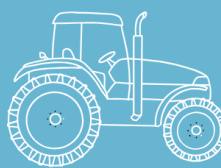
Managing sward quality/ pre-grazing yield



Nutrient management in clover paddocks



Protected Urea vs CAN



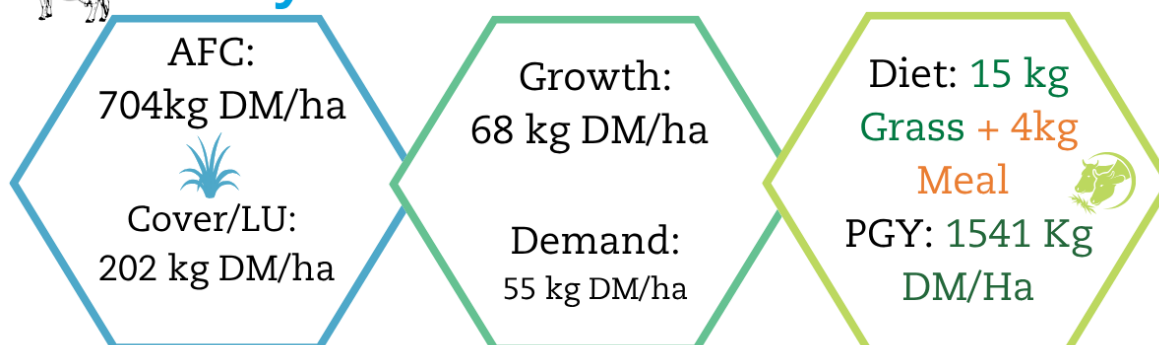
Dairy Farm Cover Data - 17th June

	Cover/LU < 160 KG DM/LU (Category 1 Farms)	 Cover/LU 160 - 200kg DM/LU (Category 2 Farms)	 Cover/LU >200 kg DM/LU (Category 3 Farms)
% of farms	17%	43%	40%
Mean AFC	577 kg DM/ha	651 kg DM/ha	800 kg DM/ha
Cover/LU	<u>141 kg DM/LU</u>	180 kg DM/LU	250 kg DM/LU
Growth rate	67 kg DM/ha	70kg DM/ha	69 kg DM/ha
PBI Demand	58 kg DM/ha	57 kg DM/ha	50 kg DM/ha
Actions	Build AFC to greater than 600kg DM/ha	Monitor Pre-grazing yield	Remove surplus grass now
Nutrient Application Target	18-20 units/ac (22-25 Kg N/Ha) of Prot.Urea +S Apply Soiled water to Paddocks >20% clover content		





Dairy Farms - PastureBase Data



Drystock Farms - PastureBase Data





Removing surplus grass on farm

- Over 80% of farms either currently have a surplus on farm or will have a grass surplus in the coming week
- All farms in all categories above are growing more grass than the herd requirement
- For farms 160-200 kg DM/LU, growth is 13kg ahead of demand, this will increase AFC by about 90 kg DM/ha over 7 days
- Average farm cover (AFC) is above 700kg DM/ha across farms, a quick guide to pre-grazing yield is AFCx2 (750 kg DM/ha x 2 = Pre-grazing yield of 1500 kg DM/ha)
- Average cover/LU has now passed 200 kg, given high growth rates on farm, paddocks will need to be removed as surplus bales immediately

Managing sward quality

- Current Pre-grazing yield (PGY) is now at 1541kg DM/ha, this needs to be between 1300-1400 kg DM/ha, **current PGY is 200kg above target**
- Grazing high covers >1500 Kg DM/ha is impacting residual height of the sward and reducing grass quality in subsequent rotations
- Increase grass allocation to 17-18kg DM per LU, currently 15kg DM.
- Concentrate supplementation is too high on many farms (currently 4kg on dairy farms), with growth rate of 68kg and cover/LU at 200 kg DM, additional concentrate supplementation (above 2kg) is creating greater grass surplus on farm and reducing sward quality

Nutrient management in clover swards

- Review N applications across all sectors of the farm for the year to date-monitor chemical N allowances
- Swards with 20% of more clover, now is a good time to use soiled water (dairy washings), 1500-2000 gallons/acre supplying N, P & K to the paddock
- Paddocks with 10% and 15% clover should receive 15kg N/ha (12 units N/acre) and 10kg N/ha (8 units N/acre) per grazing rotation
- Ensure these paddocks are tightly grazed in order to maintain clover content within the sward

Management of 2025 reseeds

- Many reseeds that are 5-6 weeks sown are now at the opportune time to apply post emergence herbicide, a benchmark is that a dock leaf should be about the size of a €2 coin and the clover plant has its 3rd trifoliate leaf emerged
- Some reseeds have now passed the optimal point for herbicide application, it is recommended to graze these swards and apply a clover safe post emergence about 2 weeks after grazing
- An application of a N fertiliser (20 units/acre) would improve tillering and progress sward development

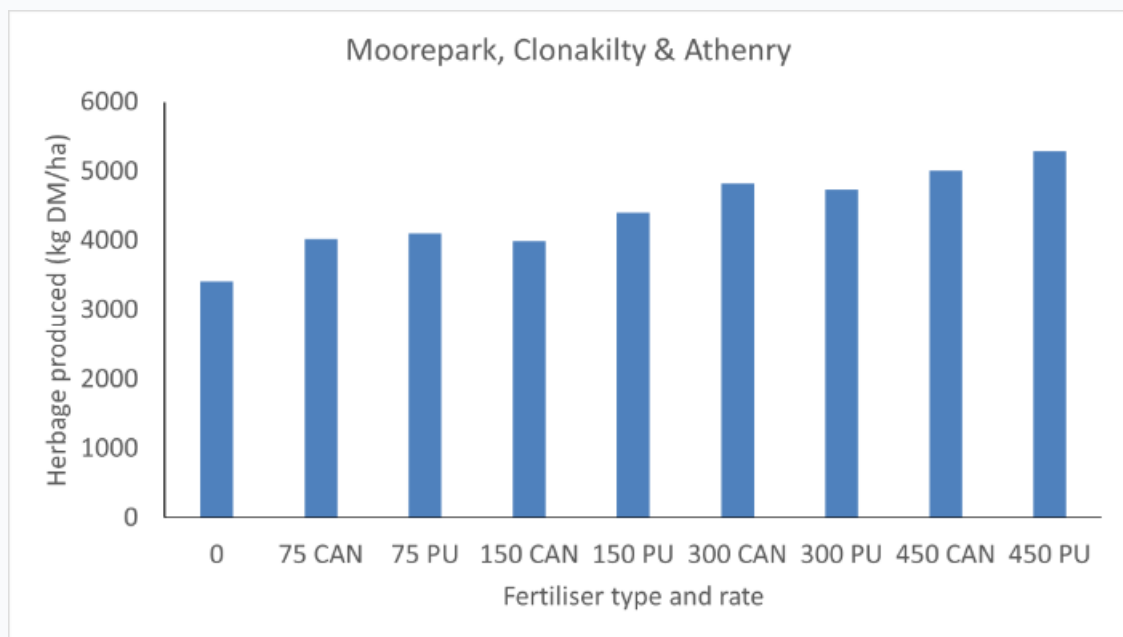
Grass10 Featured Farmer



Protected Urea vs CAN

A study examined Protected Urea vs Can across 3 Teagasc sites

- There are 108 plots across all the sites, which are harvested through simulated grazing
- There was **no difference in Grass DM yield** across any site between Protected Urea and CAN
- The total DM yield to date across all Protected Urea applications trials was 4633 kg DM/ha
- For CAN applications the total DM yield was 4460 kg DM/ha



PU: Protected Urea

CAN: Calcium Ammonium Nitrate

Nitrogen strategy based on clover %

April Clover content (%)	Mid Feb	Mid Mar	Mid April	Mid May (2 rot)	Mid June (2 rot)	Mid July (2 rot)	Mid Aug	Mid Sept	Total
Chemical Fertiliser (kg N/ha)									
Grass sward	24	36	20	32	28	28	21	23	212*
5%	20	35	20	20	20	20	20	20	175
10%	20	35	20	15	15	10	15	20	150
15%	20	35	20	15	10	SW	10	20	130
20%	20	35	20	15	SW	SW	SW	15	105

- *Chemical N fertiliser can be increased to 230 kg N/ha, in paddocks with no clover, as long as whole farm N does not exceed 212 kg N/ha
- Soiled water used whenever zero chemical N application
- +25kg organic N applied

The Teagasc Grass10 Campaign is supported by:



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