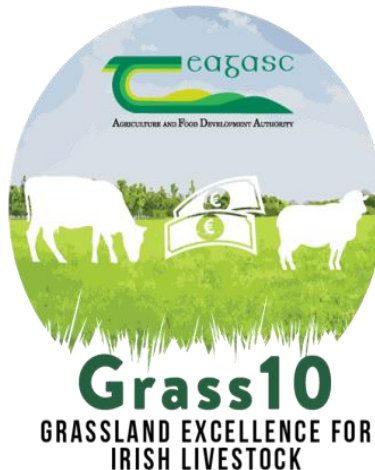


Grass10

Agri Benchmark Forum

Catherine Egan

18th June 2018



“Teagasc, and other research providers, to develop measures such as improved grazing management practices, increase soil fertility and sward renewal to increase grass utilisation by 2t/ha on livestock farms.”



Grass10

GRASSLAND EXCELLENCE FOR
IRISH LIVESTOCK

2017-2020



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



FBD
INSURANCE

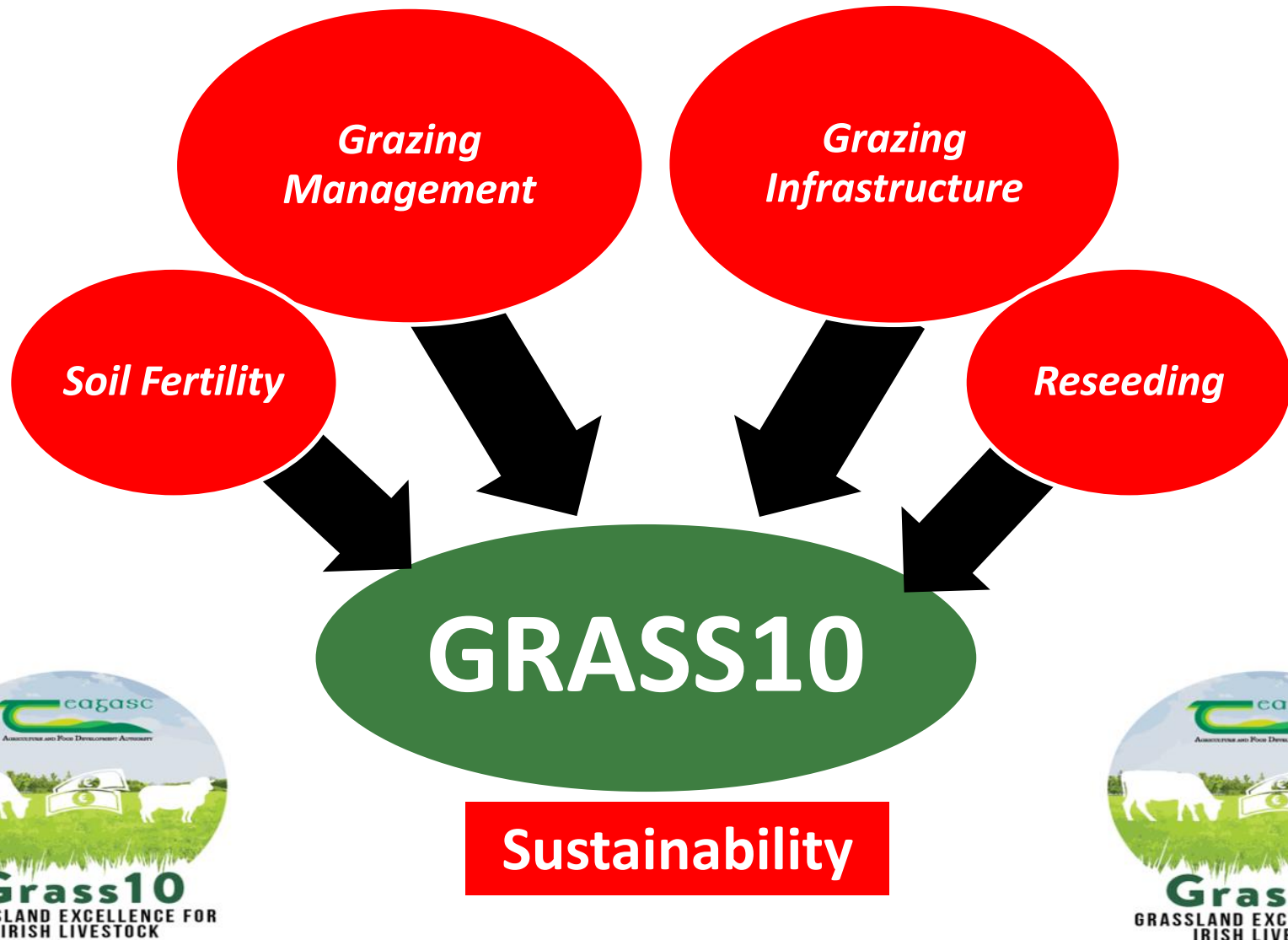


Objective

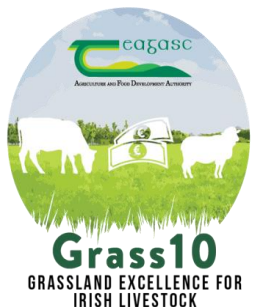
- Achieve **10 grazing's**/paddock/year
- Utilising **10 tonnes** grass DM/ha.



Grass10







Why Grass???



✓ **Reduced housing period**

✓ **Lower feed cost**

➤ **5 times Cheaper than Concentrates**

➤ **3 times Cheaper than Silage**

National Average Grazing season 220 days

Target 280 – 300 days



*Every additional ton of grass
eaten/ha will **increase profit** on
Drystock farms by*

€105/ha



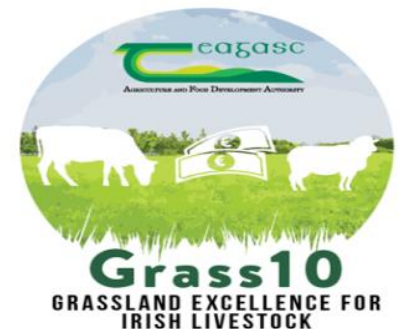
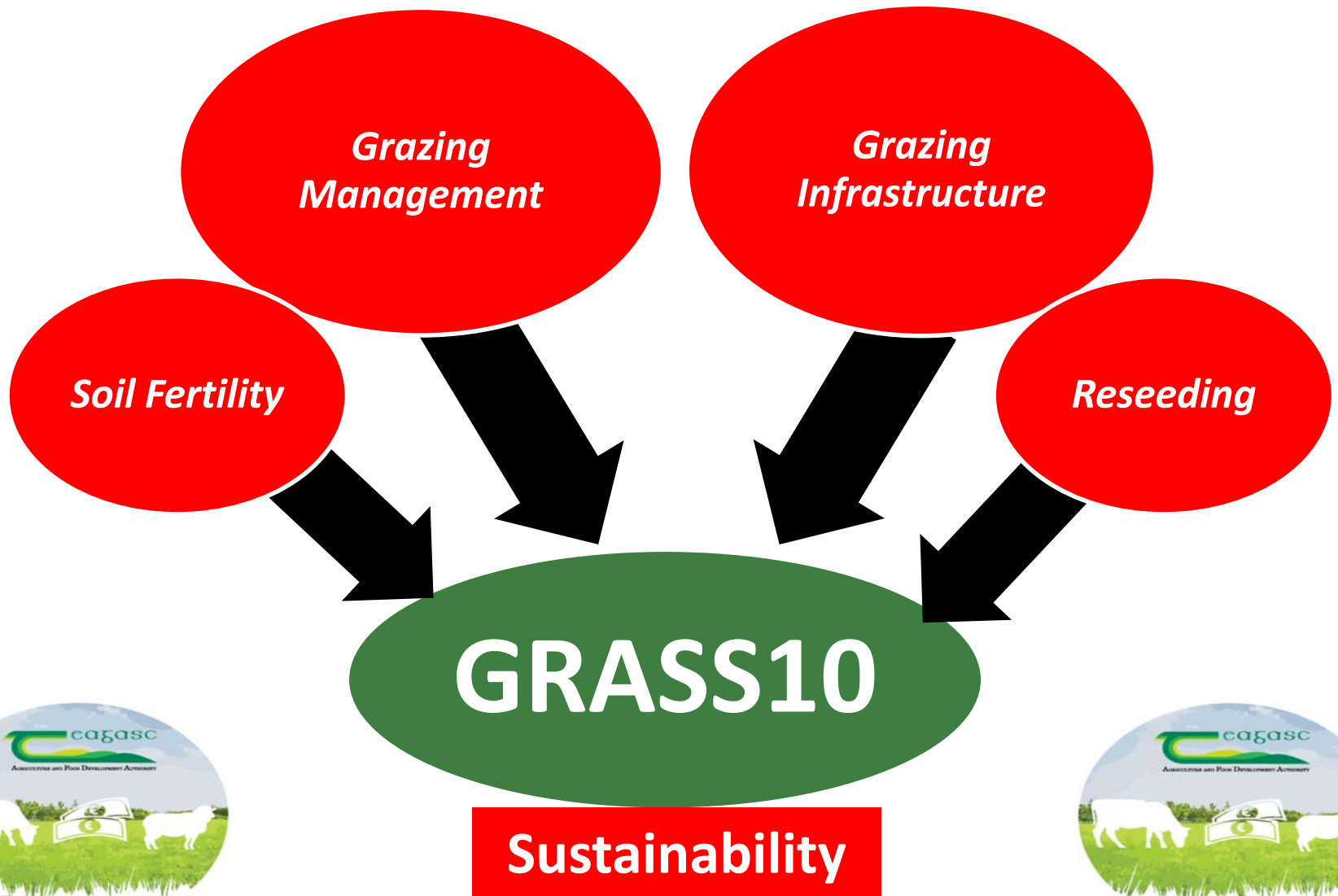
Grass10: Where we are?

Drystock Farms

- Grass Utilised T DM/ha: 5.6 NFS Target :10 t DM/ha
- No. of grazings/pdk/yr: 5.1 PBI Target :10 grazings



Grass10



Soil Fertility Management



Irish Soils

- 65% soils require lime
- 62% deficient in P
- 57% deficient in K



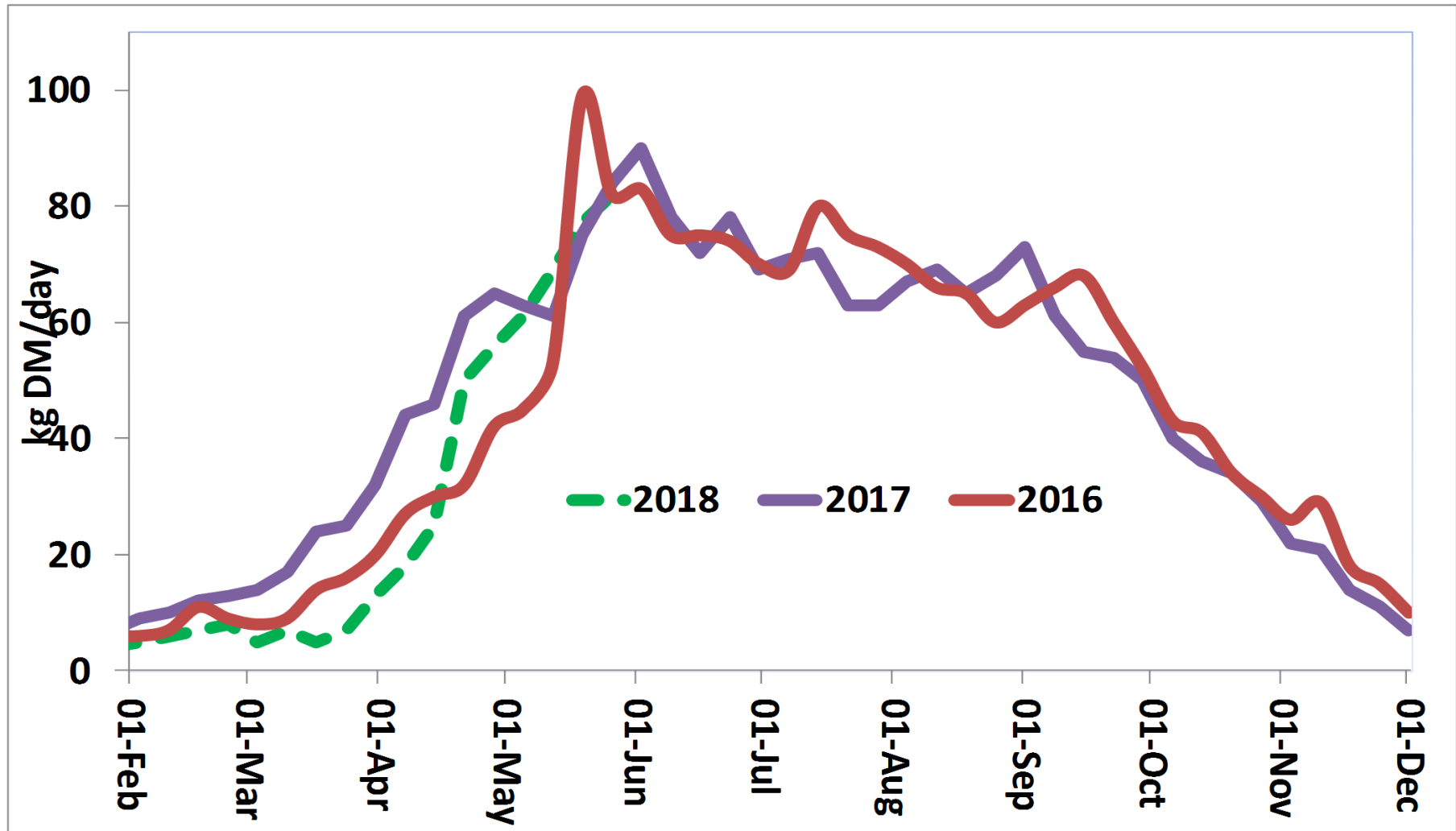
Grassland Management



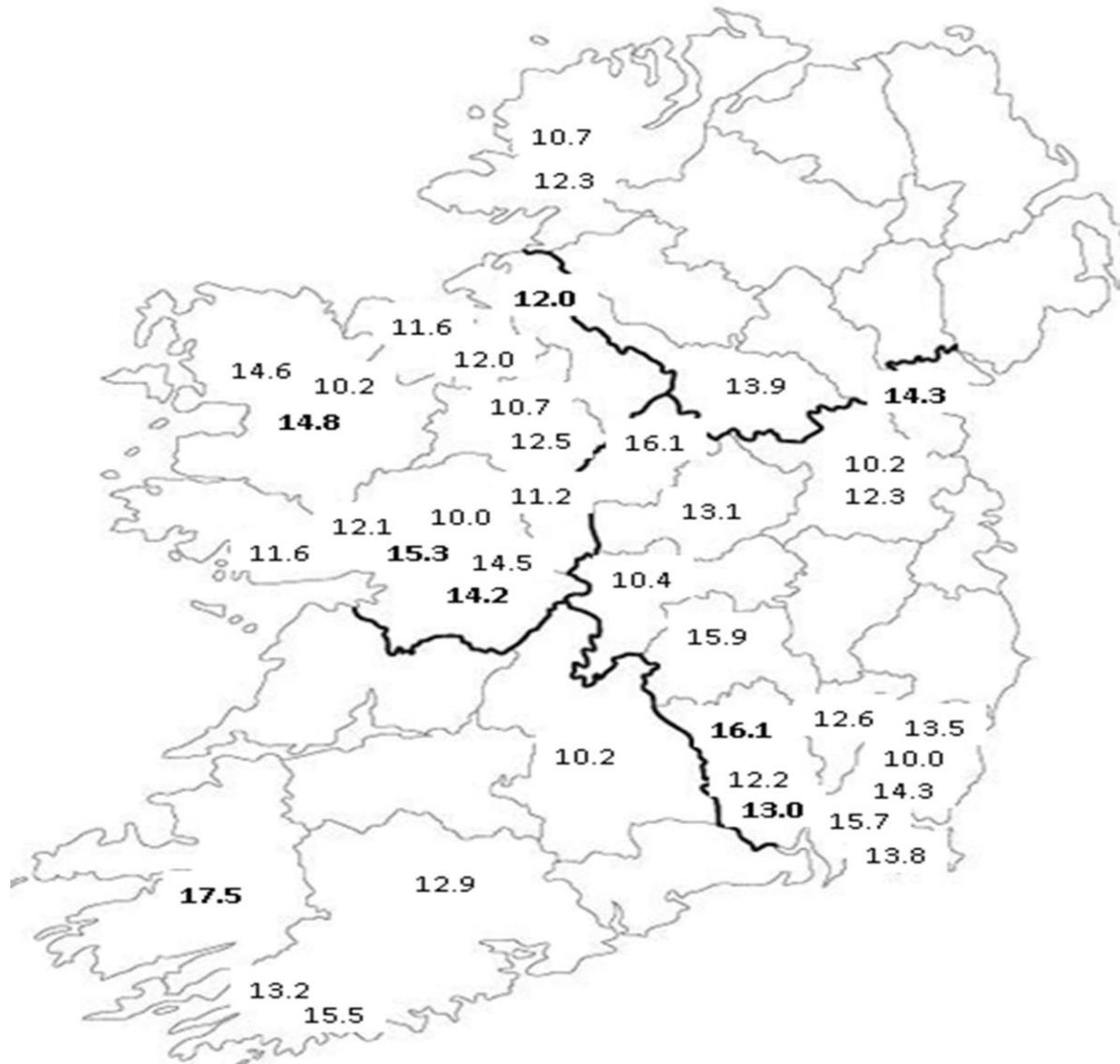
- **Web based grassland management decision support tool**
- **National Grassland Database**
- **Farmer captures the data**
- **Core measurement is pre-grazing cover per paddock**
- **Tools include; Feed Budget, Summer Wedge & Planners**



Grass Growth Curve

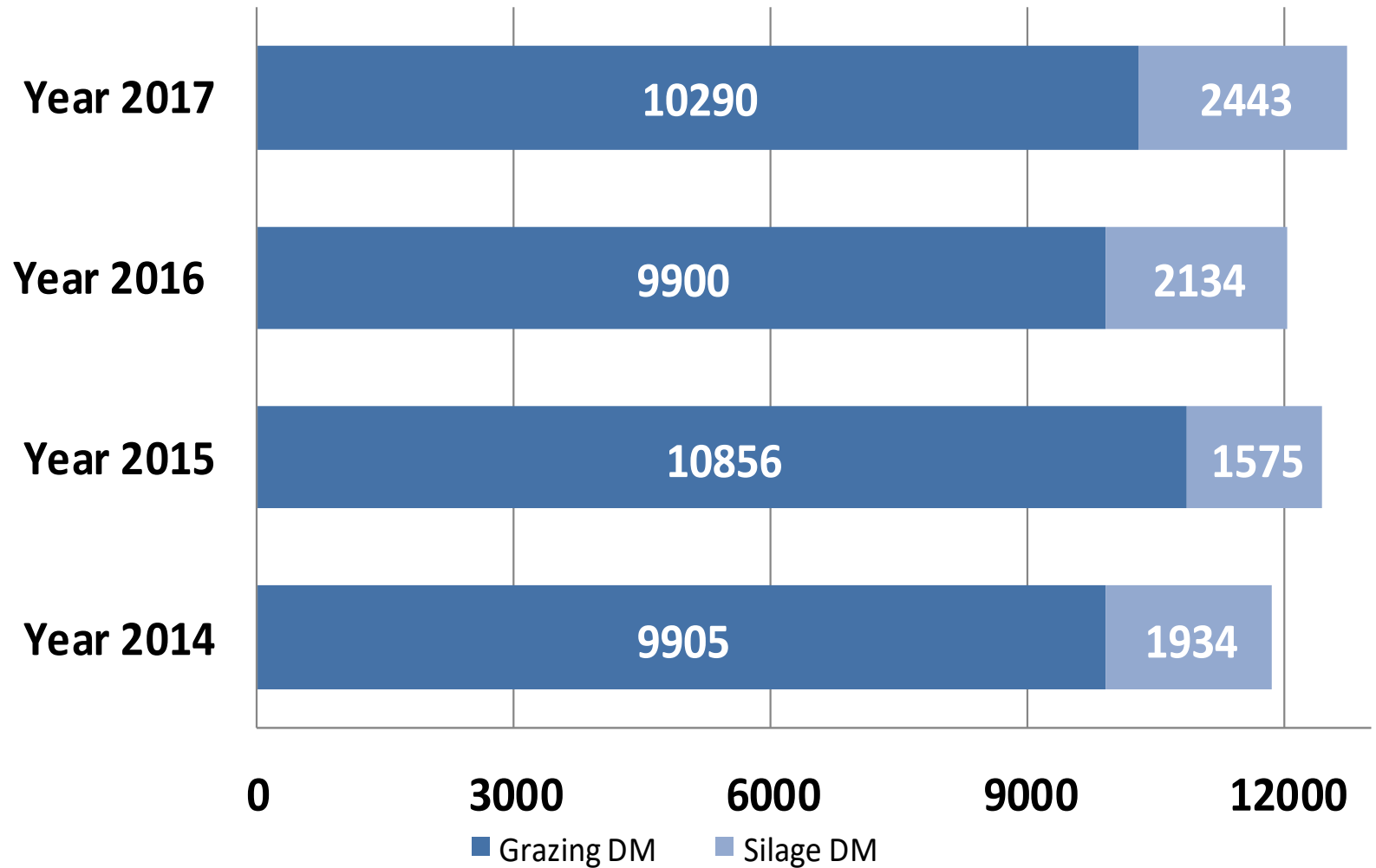


Grass Production 2017



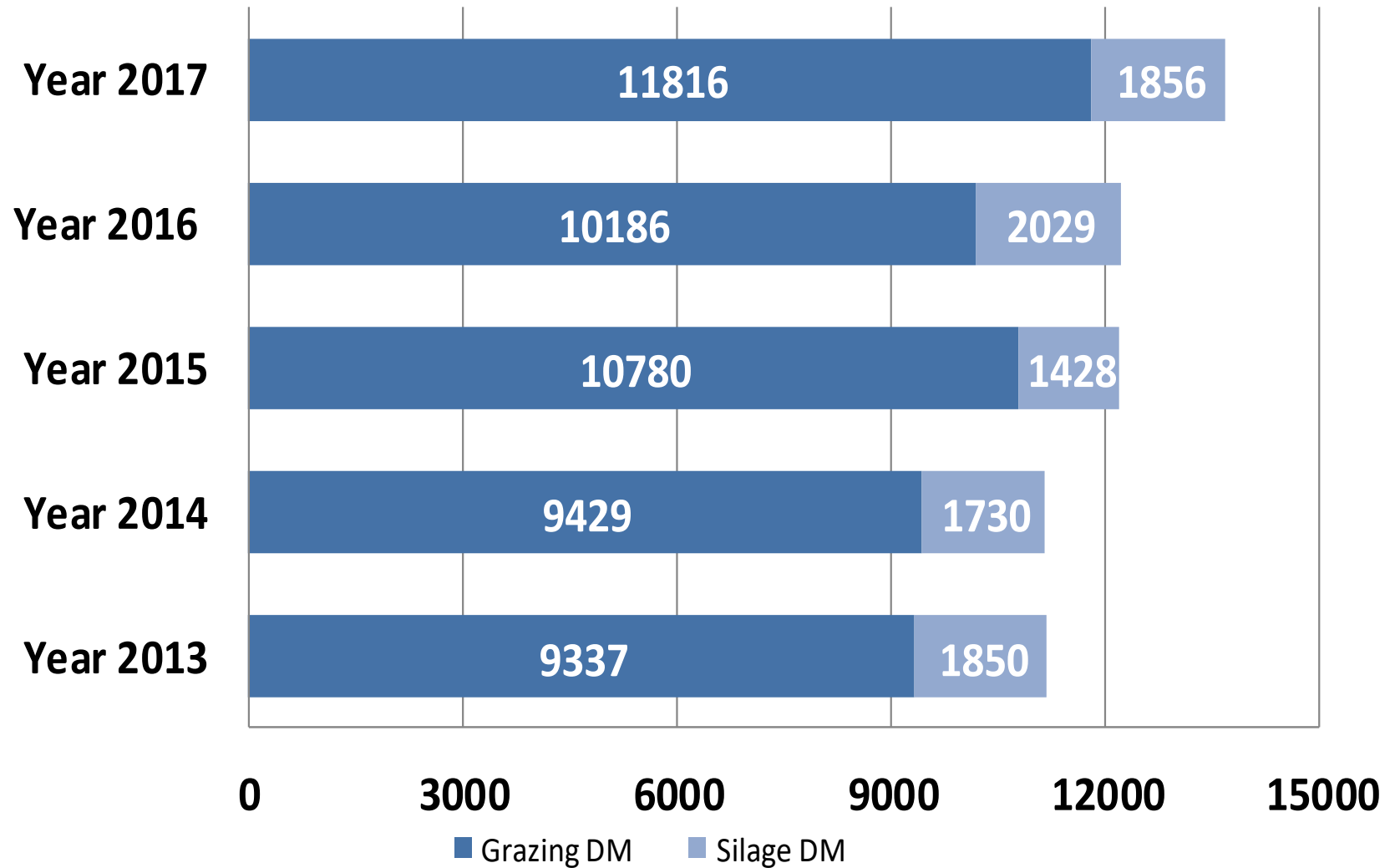


Grass DM Production - Beef



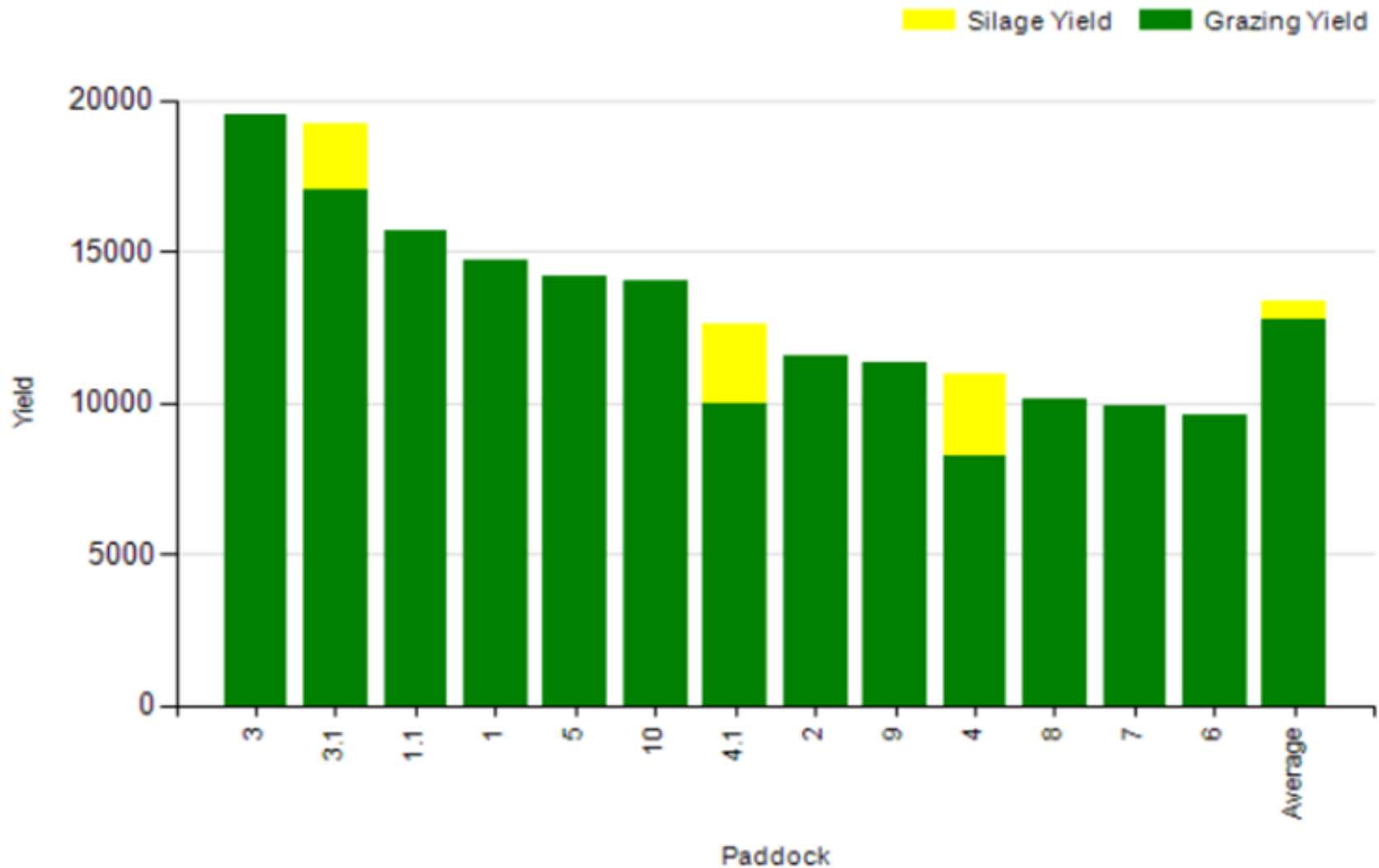


Grass DM Production - Sheep

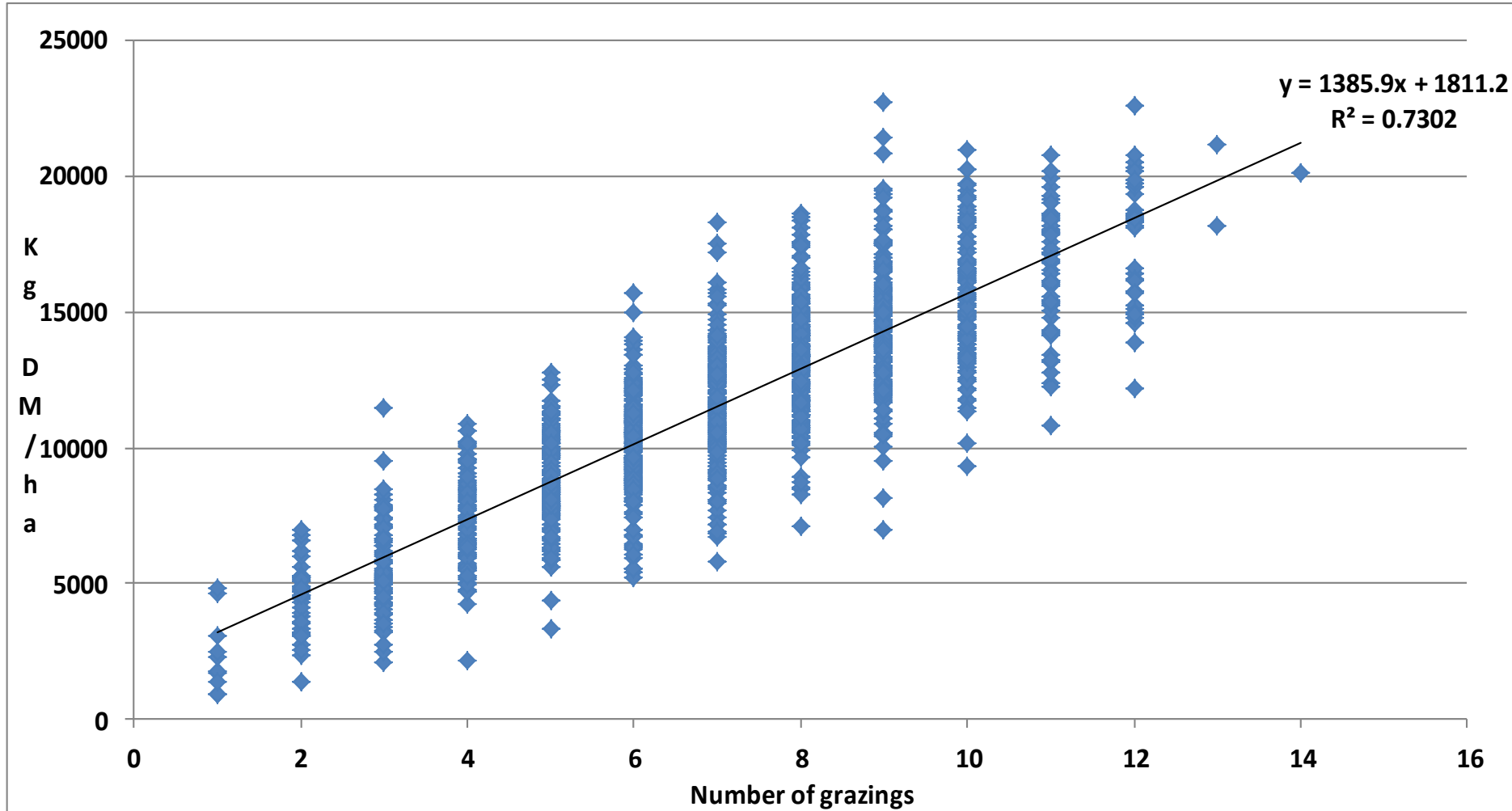


PastureBase Annual Tonnage Report

Cumulative Paddock Yield to 31/12/2017



Number of grazings achieved and its association with total grazing DM production



Infrastructure: Setting up the farm to graze grass



Setting up the farm to graze grass

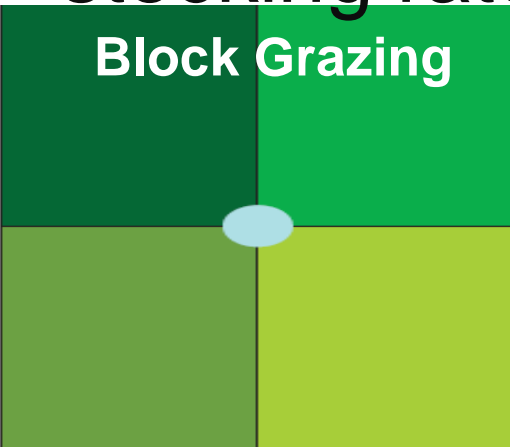
Grow in 3 Weeks, Graze in 3 Days

Increase:

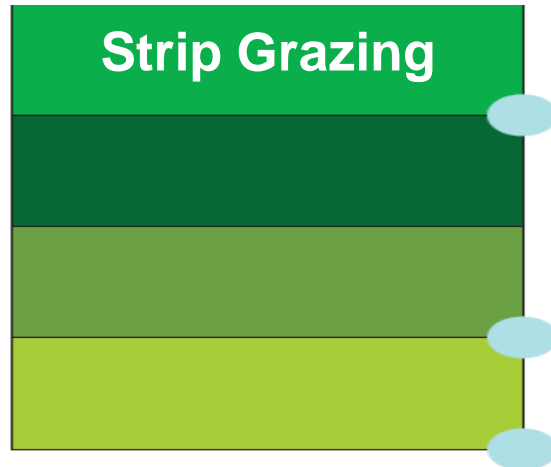
- length of grazing season
- grass grown
- sward quality
- live-weight gain
- stocking rate



Block Grazing



Strip Grazing



Spokes of a wheel





**Every extra grazing increases
grass DM production by 1.5T
DM/ha.**



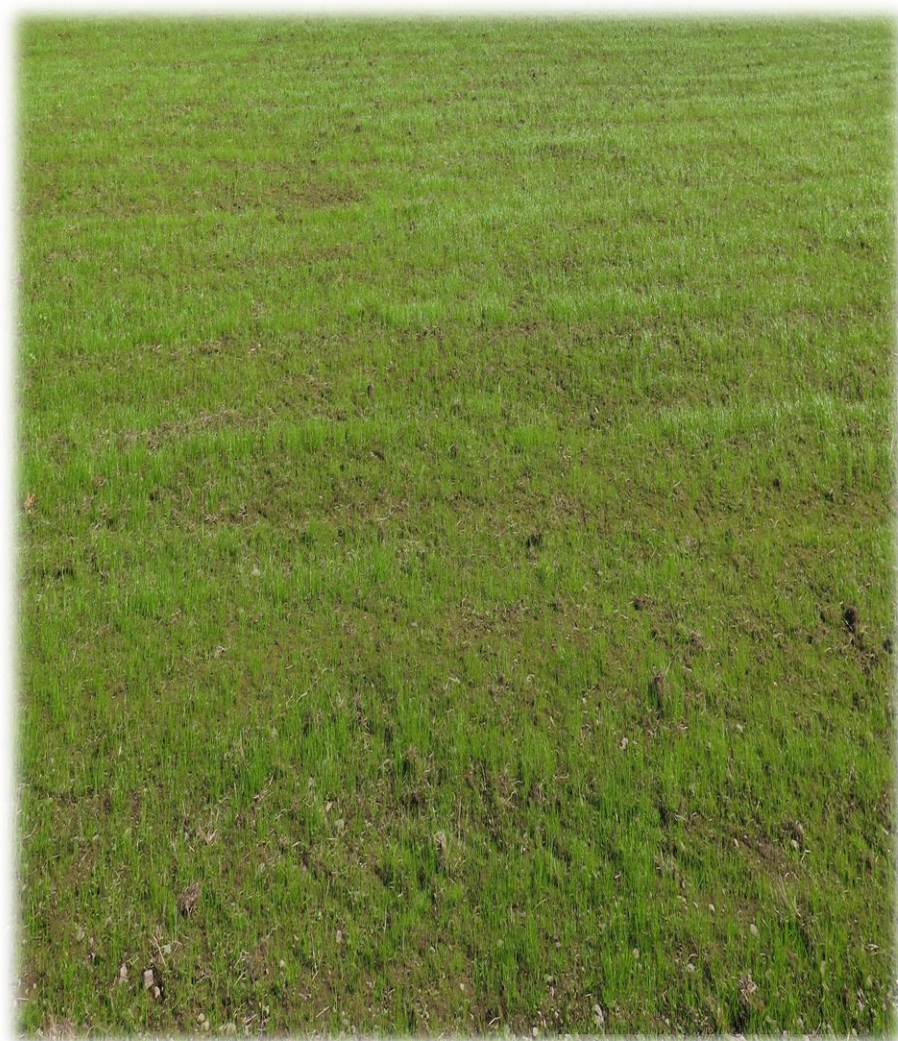








Reseeding: The road to new grass



Before



After



Sustainability

- Increase technical efficiency
- Improved fertiliser use
- Extended grazing season
- Spring slurry application













Grassland Farmer of the Year



Grass10



Farm Walks



Early Spring Grazing Beef Events

Early turnout to grass and the use of proven grazing technologies will increase cattle performance and reduce costs of beef production by €2 per animal per day!

These events will focus on:

- Setting the farm up for early grazing
- Slurry Management in early spring
- Spring nitrogen (N) and phosphorus (P) fertiliser plan
- How to manage animals during difficult grazing conditions

Date	Address	Time
Wed, 28 February	Stanley Family Farm, Brittas Castle, Thurles, Co. Tipperary	2pm
Tues, 6 March	Laurence Murphy, Ardoyne, Tullow, Co. Carlow	11am
Wed, 7 March	Joe Healy, Dressogue, Athboy, Co. Meath	2pm
Thurs, 8 March	Tommy Holmes, Tullysleeve, Ballina, Co. Mayo	3pm
Thurs, 8 March	Paddy Galvin, Ballinadee, Bandon, Co. Cork	11am
Fri, 9 March	Calf to Beef Unit, Teagasc Johnstown Castle, Co. Wexford	11am

The GRASS10 campaign is supported by:



Early Spring Grazing Sheep Farm Events

Grassland management in the first and second rotations in spring has a significant effect on the quantity and quality of grass available to the growing lamb in subsequent grazings. Teagasc has organised a series of farm walks demonstrating the practicalities of early spring grazing on sheep farms.

Date	Address
Wed, 7 February	Rory O'Donnell, Clashwilliam, Gowran, Co. Kilkenny
Fri, 9 February	Tom McGuinness, Bellewstown, Trim, Co. Meath
Wed, 14 February	Salesian Agricultural College, Pallaskenry, Co. Limerick
Tues, 20 February	John O'Shaughnessy, Mirah, Turloughmore, Co. Galway
Fri, 23 February	Tommy McLaughlin, Ballygorman, Malin Head, Co. Donegal
Events start at 2pm All welcome to attend Events signposted locally	

The GRASS10 campaign is supported by:



Demonstrations







Autumn Grazing Management



*Close the farm to have grass
available next spring*

- Rotation length mid September: 30-35 days
- Start closing October 2-10th (Dry Farms)
- 1 Week earlier for Heavy Farms





Training Courses



Get Grass Ready 2018

As PastureBase Ireland and AgriNet Grass are joining forces, we are delighted to invite you to an information meeting at Teagasc locations nationwide.

These meetings will cover the new PastureBase Ireland grassland programme and answer any queries you may have on the merger.

Date	Location	Time	Contact
Mon 8 Jan	Teagasc, Enniscorthy	11am	053-9239210
Tues 9 Jan	Teagasc, Newcastlewest	11am	069-61444
Wed 10 Jan	Teagasc, Monaghan	11am	047-81188
Mon 15 Jan	Teagasc, Ballyhaise	11am	049-4338300
Mon 15 Jan	Teagasc, Navan	2.30pm	046-9021792
Tues 16 Jan	Teagasc, Nenagh	11am	067-31821
Tues 16 Jan	Teagasc, Ennis	2.30pm	065-6828676
Thur 18 Jan	Teagasc, Mallow	2.30pm	022-21936
Fri 19 Jan	Teagasc, Kilkenny	11am	056-7721153
Tues 23 Jan	Teagasc, Tullamore	11am	057-9321405
Wed 24 Jan	Teagasc, Clonakilty	11am	023-8863130
Thur 25 Jan	Teagasc, Athenry	11am	091-845200
Fri 26 Jan	Teagasc, Ballinrobe	11am	094-9541125
Fri 26 Jan	Teagasc, Castlerea	2.30pm	094-9620160

Meetings will take place from 11am to 1pm or 2.30pm to 4.30pm

Contact local Teagasc office to book your place.

www.teagasc.ie



@PastureBase

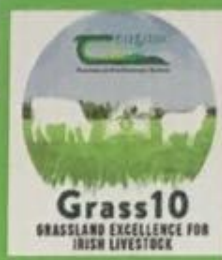
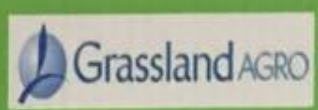


Grazing Coaches



Technical Development

- Manuals
- Grazing Tips
- Grass 10 Weekly Newsletter
- Video Clips
- Technical notes
- Articles



Grazings per paddock per year

Paddock	Paddock Name	Rotation Number (record date of grazing)												Total
		1	2	3	4	5	6	7	8	9	10	11	12	
1	The top hill	10/02	7/4	1/5	25/5	20/6	6/7	21/7	10/08	10/9	15/10			10
2	The bottom	12/02	11/4	11/5	13/6	12/6	7/7	28/7	28/8	3/10	10/11			10
3	The back field	18/02	13/4	14/5	26/5	28/6	28/7	28/8	4/10					8
4	The front field	14/02	12/4	5/5	31/5	29/6	18/7	16/8	16/9	20/10				9
5	The back hill	20/02	15/4	13/5	12/6	23/6	9/7	10/8	20/9	31/10				9
6	The bog	24/02	18/4	15/5	29/5	30/6	25/7	28/8	12/10					8
7	The side ditch	28/02	8/4	4/5	30/5	24/6	27/7	27/8	9/8	11/10	15/11			10
8	O'Neill's	22/02	16/4	27/5	1/7	20/7	15/8	30/9						7
9	The old bottom	26/02	17/4	17/5	14/6	10/7	31/7	25/8	25/9	30/10				9
10	The stines	16/02	10/4	19/5	3/6	25/6	25/7	30/8	12/10					8
11	Peaty field	4/3	30/4	28/5	26/6	19/7	26/8	2/10						7
12	The reseed	2/3	20/4	5/5	15/6	15/7	10/8	1/10						7
13	The back field	6/3	21/4	1/6	5/7	18/7	18/8	10/9	15/10					8
14	The bottom ditch	10/3	24/4	9/5	2/6	30/6	21/7	28/7	28/8	29/9				9
15	O'Reilly's	14/3	23/4	20/5	15/6	16/7	14/8	19/9	13/10					8
16	Brady's	12/3	22/4	5/6	19/6	10/7	29/7	18/8	16/9	15/10	13/11			10
17	Johnny's field	8/3	25/4	22/5	4/7	28/7	30/8	12/10						7
18	The big paddock	16/3	28/4	6/6	27/6	17/7	10/8	7/9						7
19	The small garden	20/3	2/5	10/6	2/7	22/7	22/8	25/9	8/11					8
20	The wet paddock	1/4	7/5	7/6	1/7	23/7	24/8	27/9	6/11					8
21	Charles	22/3	8/5	9/6	14/7	8/8	8/9	14/10						7
22	The new lease	18/3	26/4	23/5	17/6	31/7 (S)	18/10							6
23	Coyles paddock	4/4	10/5	10/6 (S)	12/7	31/7 (S)	17/10							6
24	The stony ditch	25/3	27/4	10/6 (S)	13/7	31/7 (S)	18/10							6
25	The stream paddock	28/3	29/4	18/5	3/7	28/7	28/8	29/9	29/10					8
26														
27														
28														
29														
30														
Targets	Finish by Apr 10th	←	Apr 10th - 6 Grazings @ 20 days each - Aug 10th						→	Mid August to Mid Sept	Mid Sept to Mid Oct	Mid Oct to Mid Nov	late Nov	Dec



The 10 Grazings Guide

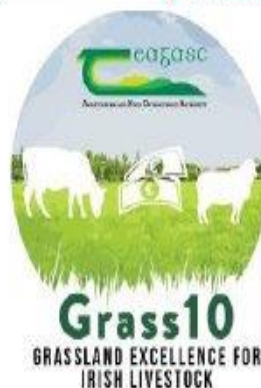
PastureBase
IRELAND

Colour-Coded Rotations to Achieve 10 Grazings Per Paddock Per Year

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	Soil Sampling	1st Rotation		70 Units/N/Acre	Grass Cover/LU: 160-180Kg/Dm		Cut Surplus Grass as Bales	Roadway Surface Quality			60% Closed Off	
2		65 Days										Cows Housed
3		Spur Roadways									On/Off Grazing Back-Fence	
4				2nd Rotation								
5				22-24 Days								
6												
7				Grass Cover/LU: 160-180Kg/Dm								
8					Residuals: 4cm							
9				'8-6-12								
10												
11		Spring Rotation										
12		Plan										
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31												

Prohibited application
periods for fertilisers

Prohibited application period				
Fertiliser type	Start date	Zone A	Zone B	Zone C
Chemical	15 Sept to	12 Jan	10 Jan	31 Jan
Organic	15 Oct to	12 Jan	10 Jan	31 Jan
Farmyard Manure	1 May to	12 Jan	10 Jan	31 Jan

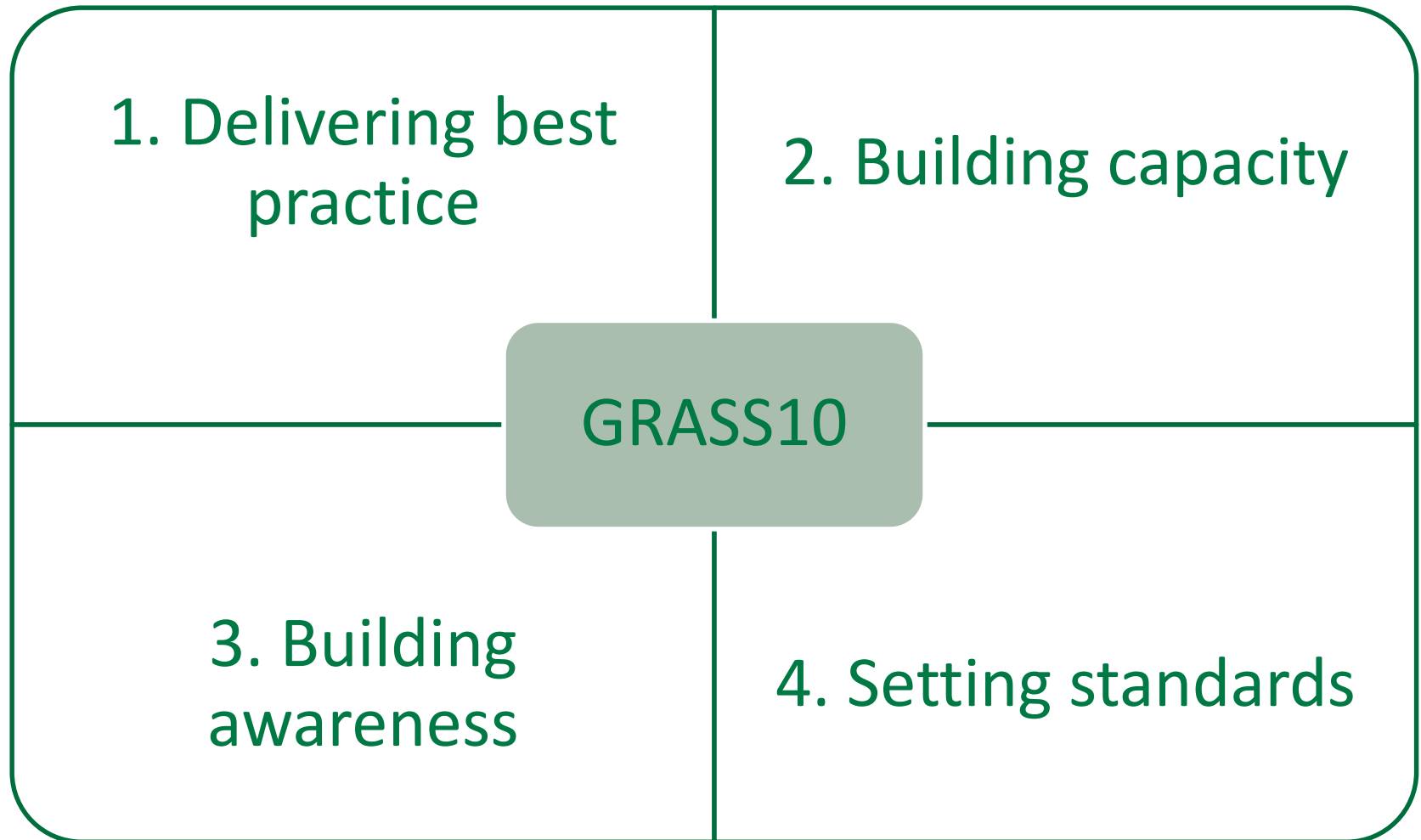


Programme of Grass10 Training

- Beef : Sheep: Dairy Advisor training
- 60 Newest KT Advisors
 - 5 day Training Programme
 - Soil Fertility
 - Grassland Management
 - Grazing Infrastructure
 - Grass Measurement
 - Reseeding



Conclusion: Grass10



Thank you

www.teagasc.ie/crops/grassland/grass10



Grow More,

Graze More,

Earn More!



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

