

## COLLEGE OPEN DAYS

Here at Teagasc, we are extremely proud of our education offering, our learners, our staff and our facilities. On behalf of Teagasc, I would like to extend a warm invitation to you to visit our college network during our forthcoming open days.

Our students enjoy courses in agriculture, equine, horticulture and forestry. We offer full-time, part-time and distance course options.

All our colleges are hosting a spring open day, where you can experience first hand our facilities and course options. We look forward to welcoming you to our open days.

-Anne Marie Butler

### Mountbellew Agricultural College Open Day

Hear about the courses offered at Mountbellew Agricultural College.

- Venue: Mountbellew Agricultural College, Mountbellew, Co Galway, H53 WE00.
- Event time: 10am - 12:30pm.

### Friday 3 March 2023

#### Kildalton College Open Day

Hear about the courses offered at Kildalton College.

- Venue: Teagasc, Kildalton College, Piltown, Co Kilkenny, E32 YW08.
- Event time: Tours start at 10am and 11am

### Wednesday 8 March 2023

#### Gurteen College Open Day

Hear about the courses offered at Gurteen College.

- Venue: Gurteen College, Ballingarry, Roscrea, Co Tipperary, E53 TP93.
- Event time: 10:30am - 12:30pm.

### Thursday 9 March 2023

#### Teagasc College of Amenity Horticulture Open Day

Hear about the courses offered at the Teagasc College of Amenity Horticulture.



The national tillage conference takes place in Kilkenny on 25 January.

- Venue: Teagasc College of Amenity Horticulture, National Botanic Gardens, Glasnevin, Dublin 9, D09 VY63.
- Event time: 12noon - 3pm.

### Friday 10 March 2023

#### Ballyhaise College Open Day

Hear about the courses offered at Ballyhaise College.

- Venue: Teagasc, Ballyhaise Agricultural College, Ballyhaise, Co Cavan, H12 E393.
- Event time: 10am - 1pm.

#### Clonakilty Agricultural College Open Day

Hear about the courses offered at Clonakilty Agricultural College.

- Venue: Teagasc, Clonakilty Agricultural College, Darrara, Clonakilty, Co

- Cork. P85 AX52.
- Event time: 11am - 1pm.

### National Tillage Conference 2023 January 25

- Venue: Lyrath Convention Centre, Paulstown Road, Kilkenny. Eircode: R95 F685.
- Event time: 9am - 4pm.

### Teagasc National Lowland Sheep Conference - Monaghan

#### January 24

- Venue: Hillgrove Hotel, Old Armagh Rd, Latlorcan, Co Monaghan. Eircode: H18 RK15.
- Event Time: 7pm.

### Teagasc National Lowland Sheep Conference - Wexford

#### January 26

- Venue: Brandon House Hotel, Southknock, Chambersland, New Ross, Co Wexford. Eircode: Y34 KR62.
- Event time: 7pm.

### Teagasc National Hill Sheep Conference February 15

- Venue: Westlodge Hotel, Bantry, Co Cork. Eircode: P75 N978.
- Event time: 7pm.



Gurteen College.



Anne Marie Butler.

# Reducing carbon emissions through fertiliser management

February 7 2023

- Event time: 7pm.
- Venue: Online.

There is increased pressure on beef and sheep farmers to reduce greenhouse gas emissions, but how do we practically do this on-farm?

The Agriculture and Horticulture Development Board (AHDB) have organised a series of webinars in partnership with the British Society of Animal Science (BSAS) and Teagasc, which aims to share the most recent research findings investigating methods to reduce emissions from livestock agriculture and how we can apply this on farms. Register on the Teagasc website.

This webinar will focus on reducing carbon emissions through fertiliser management.

Speakers include:

- Paul Newell-Price, ADAS.
- Mark Plunkett, Teagasc.
- Kim Matthews, BSAS.

Throughout each webinar, there will be plenty of opportunity to ask the scientists and industry experts presenting their findings any questions you may have about this complex topic.



The European Union (EU) has awarded a group led by Teagasc €5m in funding to develop and test farm safety solutions. The landmark SafeHabitus project was launched on Thursday 15 December 2022 in Teagasc Ashtown by Minister of State at the Department of Agriculture Martin Heydon TD.

The project, a Horizon Europe Innovation Action being co-ordinated by Dr David Meredith at Teagasc, focuses on;

- Developing communities of farm safety practice across the EU.
- Improving the understanding and awareness by policy makers, farmers organisations, trade unions and health authorities of farmers' and farm workers' health and safety at work.
- Exploring the potential of corporate social responsibility initiatives and bottom up innovations that enhance farmer and farm worker health and safety.
- Developing recommendations for better performing European and national policy, and governance frameworks favouring safer and more inclusive working environments for farmers and farm workers.

## ADVERTORIAL



### Selecting a calf milk replacer this spring

Maeve Regan,  
Head of Ruminant Nutrition, Agritech

**The management of calves in the first weeks of life will have a significant impact on their lifetime production, and with replacement heifers, it impacts their long-term profitability.**

The average cost of rearing a heifer to 24 months is estimated to be €1,553, with a significant percentage of this cost being incurred during the calf rearing period. However, relative to spend, the first 6 months of a calf's life is crucial. In just 8% of its lifetime the calf will reach 25% of its mature weight – highlighting the importance of ensuring optimal nutrition.

#### Milk replacer ingredients

Research has shown that calves will reach similar weight gains on milk replacer as they would being fed on whole milk. However, this is providing that the milk replacer is formulated correctly, from good quality dairy ingredients and that feeding instructions are followed. Many questions centre around the percentage of protein on the label of a bag of milk replacer, which is important, but more emphasis needs to be placed on the origin of the protein sources.

As we try to replicate whole milk, as much of the protein as possible should be coming from a milk/dairy-based source relative to vegetable/plant-based sources. Obviously to a young calf, dairy sources are more digestible and result in greater performance. Plant-based protein sources are cheaper alternatives and where inclusions are high, similar levels of performance to whole milk should not be expected in the early days of life.

Another often unspoken factor in overall digestibility of a milk replacer is the quality of the raw materials used. Low heat-treated milk powders will have natural immunoglobulin content available in the product and its proteins will have not been denatured or effected. Fat % and sources in milk replacer are also important, as fat is the main source of energy to the calf. Coconut and palm fat are the most common sources as they offer the greatest digestibility and energy respectively for young calves.

The percentage of solids in whole milk is about 12.5%, hence it is also the most common feeding rate of milk replacer on farm. This equates to 125g of powder in 875ml water to make up 1L of feed. Fed at 6L, a calf will be consuming 750g of milk replacer daily.

**For further advice on calf rearing and calf milk replacer, contact your local Agritech Sales Advisor or visit [www.agritech.ie](http://www.agritech.ie)**



[www.agritech.ie](http://www.agritech.ie)