

Highlights

SPECIAL FORUM: MEETING THE CHALLENGES AND OPPORTUNITIES OF CONTINUED EXPANSION

There will be panel discussions facilitated by Sharon Ní Bheoláin from RTÉ. The panel will discuss the importance of the dairy industry to the Irish economy, the environmental challenges of continued expansion, the nutritional benefits of dairy and future market requirements. The panel will include Irish and EU agricultural policy representatives, dairy market analysts, an expert in human nutrition and award winning dairy farmers. The Minister for Agriculture, Food and the Marine, Mr. Michael Creed T.D., will also contribute to the discussion.



LIVE DISPLAYS, DEMONSTRATIONS AND WORKSHOPS

A large range of Irish dairy products will be on display promoting their image, quality, taste and nutritional credentials. Demonstrations on grazing management, reseeded, farm infrastructure, body condition and locomotion scoring, calf rearing, high EBI genetics, and health and safety will take place throughout the day. There will be workshops on milk quality, anti-microbial resistance, new entrants to dairy farming and people management. A number of national and international experts have accepted invitations to participate in the workshops.

RESEARCH TO ADOPTION: EXTENSION METHODS

A wide range of extension methodologies are employed to facilitate best practice adoption on dairy farms. These include discussion groups, farm walks, seminars, newsletters and short courses on financial management, breeding and grassland. Information on how to avail of these programmes will be available on the day.

INDUSTRY PARTNERSHIPS

Key industry experts from Department of Agriculture, Food and Marine, Irish Cattle Breeding Federation, Animal Health Ireland, Ornu, Bord Bia, National Dairy Council, Health & Safety Authority and Agri Aware will be present at the Open Day.

Building a Sustainable Irish Dairy Industry

The Irish dairy industry has increased milk output by 60% since 2015, while the value of exports has increased from approximately €2 billion in 2009 to over €4 billion in 2018. At the same time, significant investment has occurred at both farm and milk processing level, resulting in increased family farm profitability plus increased employment and economic prosperity in rural communities. The continued expansion of the dairy industry has also created challenges, not least in terms of Ireland's commitments to reduce emissions and improve water quality and biodiversity, while the availability of a skilled labour force has also become more limited.

The increase in milk output has been associated with an increase of approximately 370,000 dairy cows. Further expansion of the dairy industry will require a close alignment of agricultural and environmental considerations. Key management strategies that simultaneously achieve optimum livestock performance and minimise environmental impacts include increasing herd EBI, improving grazing management and nutrient use efficiency, increasing soil fertility, increasing energy and water use efficiency, while implementing appropriately designed ecological measures to halt the decline of biodiversity.

This Open Day will provide dairy farm families and dairy stakeholders with an updated roadmap to support profitable dairy production systems while addressing the challenges we face over the next decade.

Moorepark is located on the main Cork – Dublin road (M8), and is approximately 5 km from Fermoy on the Mitchelstown side. Exits off the M8 Motorway are Exit 14 from the North and Exit 14 from the South

GPS Co-ordinates: 52.164167-8.263037, Eircode: P61 C996

Teagasc acknowledges with gratitude the support of



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INSURANCE



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#teagasc #moorepark19



MOOREPARK '19
IRISH DAIRYING – GROWING SUSTAINABLY



Open Day
WEDNESDAY, 3RD JULY
8.30 am – 5.00 pm



Invitation

We are delighted to invite all dairy farmers and dairy industry stakeholders to Moorepark '19, the Teagasc National Dairy Event for 2019, on Wednesday 3rd July at the Teagasc, Animal & Grassland Research and Innovation Centre, Moorepark, Fermoy, Co. Cork.

The theme of this year's event is 'Growing Sustainably'. The continuing expansion of the Irish dairy industry provides opportunities to increase the profitability of family farms, while also further developing climate smart dairy farming systems. Future expansion will require close alignment of national agricultural and environmental targets, with a particular focus on carbon emissions, water and air quality, and biodiversity.

Moorepark '19 will highlight the various technologies and practices available to underpin future farm and sector profitability and sustainability.

Moorepark '19 is an ideal opportunity to see, at first-hand, the results of the comprehensive research programme undertaken by Teagasc, and to meet research, advisory and education staff. Financial support for our research programme from state grants and Dairy Levy Research Funds is gratefully acknowledged.

We look forward to meeting you at Teagasc Moorepark on July 3rd.



Growing Sustainably

TAKING STOCK & LOOKING TO THE FUTURE

- What has been achieved?
- Where to now?
- Key drivers of successful expansion

FUTURE SYSTEMS: THE SUSTAINABLE EXPANSION CHALLENGE

- Future grass-based systems – key efficiency parameters
- Meeting the challenge on farm
- Towards more profitable & climate smart farm practices

INCREASING GRASS UTILISATION

- Key requirements for high performing pastures
- Successful grazing management requires weekly measurement
- Utilizing 13 t of grass DM/ha

HIGH EBI COWS ARE MORE SUSTAINABLE

- What are high EBI cows?
- 90% calving in six weeks
- Sustainable breeding plans

GRAZING DEMO

- Pasture measurement
- Pasture composition
- Increasing grass utilisation



Technology Villages

PUTTING GRAZING MANAGEMENT INTO PRACTICE

- PastureBase Ireland
- Importance of soil fertility
- Increasing nutrient use efficiency

SUSTAINABLE MILK PRODUCTION SYSTEMS

- Key drivers of farm efficiency
- Choosing optimum stocking rate and calving date combinations
- Improving farm biodiversity

HEALTHY COW – HIGH QUALITY MILK

- Non-chlorine protocols for cleaning milking equipment
- Reducing antibiotic use on dairy farms
- Increasing dairy cow welfare

NEXT GENERATION BREEDING & REPRODUCTION

- Benefits of genomic technology
- Sexed semen — latest results
- Beef crosses from the dairy herd

PEOPLE FARMING SMARTER

- Increasing labour efficiency on dairy farms
- Training the next generation of dairy farmers
- Priorities for new entrants

DAIRY FARM INFRASTRUCTURE

- Grazing infrastructure to increase grass utilisation
- Efficient milking practices
- Importance of drainage infrastructure

KEEPING YOU & YOUR FAMILY SAFE ON THE FARM

- Making the farm a safe place to work
- Working with machinery and animals
- Increasing personal wellbeing

