Overview of presentation

✓ Dairy KT dept. strategic focus
✓ Our objectives
✓ Who are we
✓ Our activities
  ✓ Joint Programmes
  ✓ Grass10
  ✓ Dairy Expansion Service
✓ Our impact
  ✓ Practice adoption
  ✓ Discussion groups
Our strategic focus

To increase the uptake of research proven technologies through our leadership of relevant knowledge exchange programmes and/or campaigns.
Objectives

- To facilitate better use of existing and new knowledge/technologies
- To enable behaviour change
- Specifically, our objectives are
  - To increase grass utilisation to 10t DM/Ha/year and 10 grazings per paddock per year
  - To increase six week calving rate towards 90%
  - To reduce costs of production towards €2.75/kg MS (approx. €0.20/litre)
  - To improve milk quality through the reduction of bulk milk SCC (target 75% of milk supplied in 2020 < 200,000 cells/ml) and residues
# Who are we?

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head of Dept.</td>
<td>Tom O’Dwyer</td>
</tr>
<tr>
<td>Dairy specialists</td>
<td>George Ramsbottom, Joe Patton, Martina Gormley, Stuart Childs</td>
</tr>
<tr>
<td>Ruminant Nutrition specialist</td>
<td>Brian Garry</td>
</tr>
<tr>
<td>Grass 10</td>
<td></td>
</tr>
<tr>
<td>Campaign Manager</td>
<td>John Maher</td>
</tr>
<tr>
<td>Advisers</td>
<td>Catherine Egan, John Douglas</td>
</tr>
<tr>
<td>Dairy Expansion Service</td>
<td>Patrick Gowing</td>
</tr>
<tr>
<td>Technician</td>
<td>Padraig O’Connor</td>
</tr>
</tbody>
</table>
Our activities: what we do

Programme development and advisory staff support

Dissemination/communication

Industry interactions

Research projects

Development projects

Teagasc Dairy KT dept.
## Some recent examples

| Programme development and advisory staff support | ✓ Comprehensive programme of in-service training for advisors  
✓ Mentoring  
✓ CECRA training  
✓ Development of training modules e.g. Dairy StartUp and Managing Labour courses |
| Industry interactions | ✓ Collaborative programmes with all of the major milk processors  
✓ Collaboration with external bodies e.g. ICBF, AHI, Farm Relief Services, IGA, ASA |
| Development projects | ✓ The Grass10 campaign  
✓ Dairy Expansion Service |
| Research projects | ✓ H2020 funded projects, including AgriDemo, NEFERTITI,  
✓ Co-supervision of KT Walsh Fellows  
✓ Winter milk systems trial (Johnstown Castle) |
✓ Teagasc Dairy Roadmap  
✓ Annual conferences, farm walks, events  
✓ Monthly newsletter  
✓ Technical updates/ articles  
✓ Grassland Farmer of the Year (GFOY) competition  
✓ The Dairy Edge podcast |
Why Joint Programmes?

- Industry perspective for advisory programmes
- Improved relationships between Teagasc and industry partner
- Uniformity and consistency of advice
  - vital for effective knowledge transfer
- Increased impact
- Funding for additional staff
Our partners
Grass10 objectives

✓ To increase grass utilisation on Irish livestock farms, enabling more farmers to achieve 10 grazings/paddock/year utilising 10 tonnes grass DM/Ha
✓ To roll-out a data driven, tailored, grassland advisory service using PastureBaseIreland and our network of Teagasc Advisers

Grass10 delivery

✓ Delivering best practice
✓ Building capacity
✓ Building awareness
✓ Setting standards
Dairy Expansion Service

✓ Established in response to Milk Quota removal
✓ To lead and influence the sustainable expansion of individual dairy farms
✓ Three elements:
  ✓ Dairy Grow (*Patrick Gowing*)
    ✓ *Tailored, one-to-one advisory service offered to rapidly expanding and dairy start up farmers*
  ✓ Dairy Start Up (*Abigail Ryan*)
    ✓ *Short training course plus academy offered to dairy start-up farmers*
  ✓ Dairy Step Up (*Paidi Kelly*)
    ✓ *Support for people following an alternative career path into dairying, through partnership, leasing or share farming*
## Impact (1)

<table>
<thead>
<tr>
<th>Target</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Practice Adoption</strong></td>
<td></td>
</tr>
<tr>
<td>Increase grass utilisation by 0.5 tDM/Ha year on year</td>
<td>Teagasc clients</td>
</tr>
<tr>
<td>Increase EBI by €10 per cow per year</td>
<td>All farmers</td>
</tr>
<tr>
<td>Improve compact calving with a target of 90% dairy herd calved in six weeks</td>
<td>All farmers</td>
</tr>
<tr>
<td>Reduce the level of bulk milk SCC on Irish dairy farms so that 75% of milk supplied by 2020 is 200,000 cells/ml or less</td>
<td>Teagasc clients</td>
</tr>
<tr>
<td><strong>Impact Indicators</strong></td>
<td></td>
</tr>
<tr>
<td>Increase milk solids production to 1,250 kgMS/Ha</td>
<td>Teagasc clients</td>
</tr>
<tr>
<td>Reduce total production costs to less than €2.75/kgMS (spring milk)</td>
<td>Teagasc clients</td>
</tr>
</tbody>
</table>
Impact (2)

- Discussion Groups are central to behaviour change
- Membership is worth €125/cow (2.5 cent/ litre or €247/Ha)
For More Information Contact

Dr. Tom O’Dwyer
Head of Dairy Knowledge Transfer
00 353 (0)25 42499
00 353 (0)87 2373293
tom.odwyer@teagasc.ie

Thank You