Teagasc Dairy KT Department Tom O'Dwyer, Head of Department July 2018

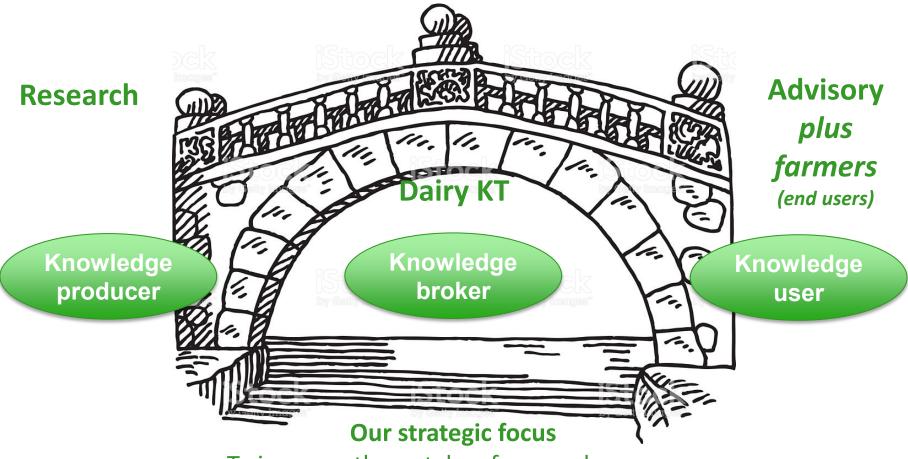


Overview of presentation

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



Teagasc Dairy KT department



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

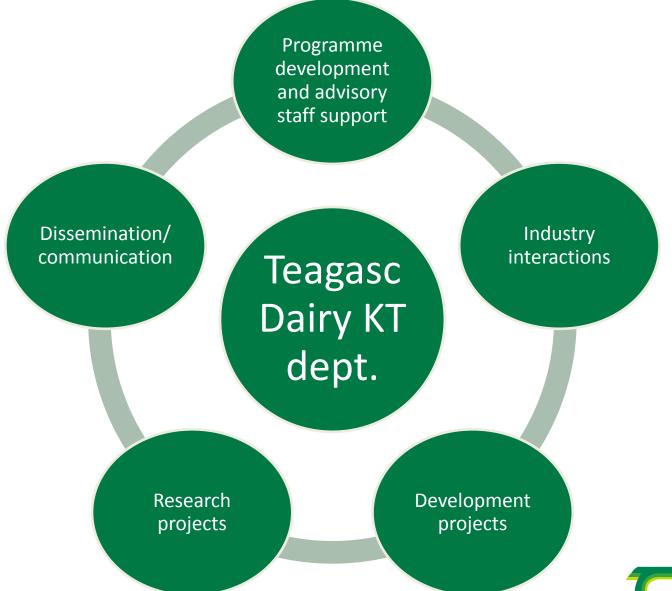


Who are we?

Head of Dept.	Tom O'Dwyer
Dairy specialists	George Ramsbottom, Joe Patton, Martina Gormley, Stuart Childs
Ruminant Nutrition specialist	Brian Garry
Grass 10 Campaign Manager Advisers	John Maher Catherine Egan, John Douglas
Dairy Expansion Service	Patrick Gowing
Technician	Padraig O'Connor



Our activities: what we do



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)
Dissemination/communication	 ✓ Teagasc Dairy Manual, Teagasc Labour Manual ✓ 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

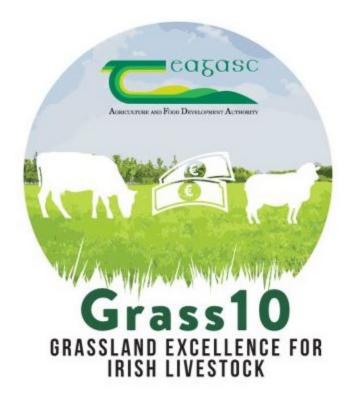
✓ To increase grass utilisation on Irish

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)

	Progress					
Target		2010 – 2012	2011 - 2013	2012 - 2014	2013 - 2015	2014 - 2016
Practice Adoption						
Increase grass utilisation by 0.5 tDM/Ha year on year	Teagasc clients	7.04	7.13	7.20	7.53	7.83
Increase EBI by €10 per cow per year	All farmers	-1	15	31	41	49
Improve compact calving with a target of 90% dairy herd calved in six weeks	All farmers	53	55	56	57	57
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	Teagasc clients	240	229	212	196	178
Impact Indicators						
Increase milk solids production to 1,250 kgMS/Ha	Teagasc clients	728	752	761	786	795
Reduce total production costs to less than €2.75/kgMS (spring milk)	Teagasc clients	3.32	3.51	3.61	3.42	3.15

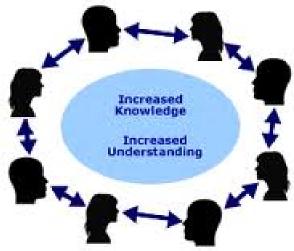


Impact (2)

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















For More Information Contact

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Thank You

