

# Knowledge Translation and Transfer (KTT) PRIORITIES



These KTT priorities have been developed to support the targeted outcomes of the National Dairy Research Strategy.

## Priorities targeting dairy farmers and on-farm stakeholders



- Encourage adoption of practices and strategies to mitigate GHG emissions and maximize carbon sequestration in support of DFC Net-zero commitments.
- Promote sustainable cropping practices for long term productive systems.
- Promote best management practices for manure, nutrient and pesticides.
- Increase awareness of climate change adaptation tools and beneficial practices.
- Promote on-farm water conservation practices and technologies.
- Raise awareness of cost-effective measures to increase biodiversity.
- Promote sustainable feeding practices for improved feed efficiency, reduced production costs, and optimized milk composition and quality.

- Promote strategies and tools for genetic improvement of traits affecting sustainability, animal welfare and reproduction.
- Expand knowledge on reproductive strategies that minimize interventions while maintaining/improving fertility.
- Encourage adoption of effective measures to prevent and mitigate diseases and reduce the use of antimicrobials.
- Encourage continuous improvement of animal welfare and facilitate compliance to new Code of practices for the care and handling of Dairy Cattle, with/through scientifically proven strategies.
- Inform on best management and housing options for cattle of all life stages to adapt to climate change.

*As part of each KTT priority, communicate associated economic impacts (including costs of production) and return on investment of the adoption of new strategies, tools, practices, and technologies on Canadian dairy farms.*

## Priorities targeting health professionals



- Expand the understanding of the contribution of dairy products as whole and unique foods in optimal health and wellness across the human lifespan.
- Strengthen the knowledge of the role of dairy products as whole and unique foods (particularly full fat milk, yogurt and cheese) in chronic disease prevention and management.
- Increase awareness of the value of dairy products as whole and unique foods within healthy sustainable diets in a Canadian context.

