



## proAction: Environment

Under the proAction® program, Canadian dairy farmers produce high-quality, nutritious food in accordance with some of the world's most stringent standards. proAction builds on robust federal and provincial regulations, instilling confidence that every drop of Canadian milk was produced with care.

Dairy farmers have a vested interest in the sustainability of their farms, their animals and their land, and are committed to providing excellent stewardship of the environment. Doing more with less means improving productivity, reducing waste and managing resources responsibly.

### Environment Standards on the Farm

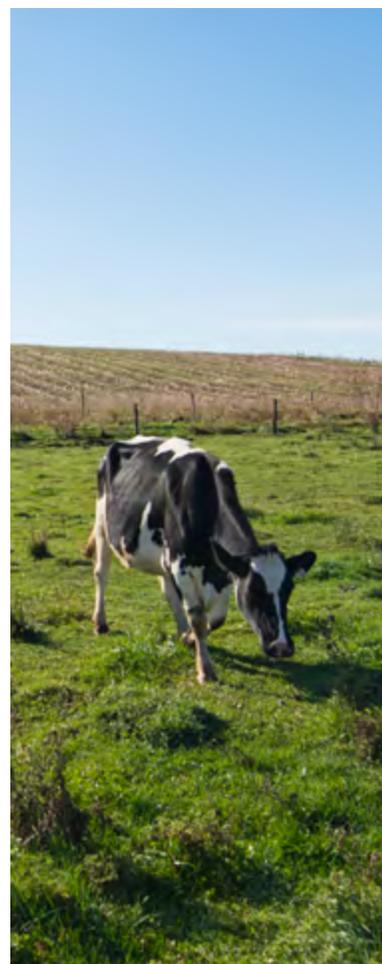


All Canadian dairy farmers must meet provincial environmental regulations to safeguard natural resources. Under the proAction Environment module, farmers also develop individual plans to identify and mitigate risks on their farms, while pursuing practices to preserve our air, land, and water resources, and to enhance biodiversity.



These plans may include, but are not limited to:

- Water sources
- Pesticide handling and storage
- Fertilizer handling and storage
- Storage of petroleum products
- Manure storage
- Milking centre wash water
- Water use efficiency
- Energy efficiency
- Soil management
- Nutrient management
- Pest management
- Stream, ditch and floodplain management
- Wetlands
- Woodlands and wildlife
- Pasture management
- Irrigation
- Climate change
- Species at risk



For more information  
on proAction:  
[dairyfarmers.ca/proAction](http://dairyfarmers.ca/proAction)

For more information on  
Dairy Farmers of Canada:

- [dairyfarmersofcanada.ca](http://dairyfarmersofcanada.ca)
- [communications@dfc-plc.ca](mailto:communications@dfc-plc.ca)



## Meeting proAction's environment standards means:

➤ Every day, dairy farmers follow a host of best practices rooted in science to conserve resources and to make a positive impact on the environment. Some examples include:

Dairy nutrition advisors develop special diets for dairy cows, and farmers employ innovative manure management practices to help lower greenhouse gas emissions.



Farmers cultivate soil health by testing soil and developing nutrient management plans for efficient land use and crop production. They also protect natural areas on their farms to provide habitat to local wildlife and pollinators.



Farms invest in eco-efficient crop production by reducing tillage, increasing crop rotations, implementing precision agriculture technologies, and selecting varieties of crops best suited to land and water use.



➤ Canadian dairy farmers are leading the way in sustainable milk production globally.

Canada has one of the lowest carbon footprints per litre of milk in the world.



From 2011 to 2016, the carbon footprint, water consumption and land use associated with milk production decreased by 7%, 6% and 11%, respectively.

 ↓ **7%** LOWER  
CARBON FOOTPRINT

 ↓ **6%** LOWER  
WATER CONSUMPTION

 ↓ **11%** LOWER  
LAND USE

**"AGECO Study Results Reveal Improved Environmental Impact and Efficiency of Canadian Milk Production,"**

Dairy Farmers of Canada: <https://dairyfarmersofcanada.ca/en/dairy-in-canada/news-releases/ageco-study-results-reveal-improved-environmental-impact-and-efficiency-canadian-milk-production>



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