



Made-in-Manitoba Climate and Green Plan

What it Means for *Farmers and Agriculture*

Carbon Price Exemptions for Farmers

Farms and farmers grow the food we eat. They are 'price takers' in the domestic and global economies, giving them little room to manage rising costs, such as fuel. Accordingly, the Made-in-Manitoba plan will include two important exemptions for farmers and agricultural operations:

- Farm operations will be exempt from the application of the carbon levy to marked fuel used for their farming operations.
- Direct agricultural emissions (e.g.: emissions from soils or enteric fermentation) will not be targeted via the carbon price.

Pricing agriculture emissions would be inconsistent with other carbon pricing jurisdictions and place Manitoba farmers at a competitive disadvantage.

Sustainable Agriculture

Manitoba's farmers are at the frontlines of climate change and need to be at the forefront of solutions. The Made-in-Manitoba Climate and Green Plan proposes bold actions that support farmers in adopting management practices that provide adaptation benefits and reduce agriculture emissions.

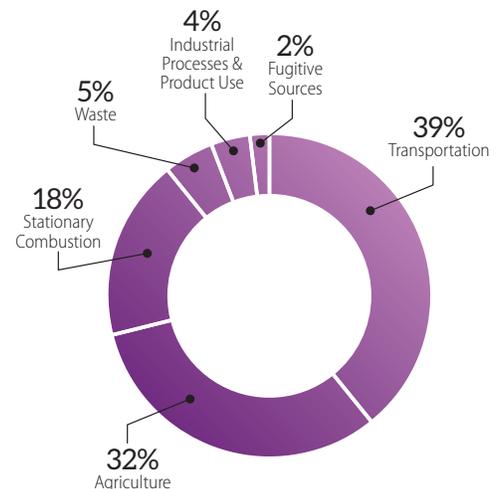
Agriculture Emissions

Agriculture is the second-largest source of greenhouse gas (GHG) emissions in the province, contributing 32 per cent to Manitoba's total emissions in 2015.

Carbon Sequestration

While agriculture is a significant source of GHGs, agricultural soils and biomass can also serve as effective carbon sinks, helping to reduce the amount of carbon dioxide entering the atmosphere. The new plan will encourage opportunities to sequester carbon in agricultural soils and ecosystems.

Manitoba's 2015 GHG Emissions
= 20.8 megatonnes CO₂e



Growing Outcomes for Watersheds (GROW)

Manitoba will introduce a made-in-Manitoba ecological goods and services program called GROW, based on the Alternative Land Use Services (ALUS) model. This program will help reduce the impacts of flooding, reduce nutrient loading, improve water quality, store carbon, protect wetlands, mitigate the effects of droughts and protect drinking water sources.

Beneficial Management Practices

Manitoba will support on-farm beneficial management practices (BMPs) that provide climate change adaptation and mitigation benefits to agricultural operations.

Manitoba Centre for Sustainable Agriculture

Manitoba is developing the concept of a new Centre for Sustainable Agriculture to build capacity for agriculture-related climate change research that supports agricultural production, decreased emissions of GHGs, enhanced sequestration of carbon in soil, and greater resiliency to extreme weather.