

# Green Party of Canada - Agricultural Water Security Act

(All Pending approval) LOGO

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Policy Number:     *To be assigned when submitted.*    

Initiative Subject:     *Agricultural Water Security Act.*    

## Policy Area

*Sustainable Farming Subsidies*

## Existing Policy

*None.*

## Discussion

Water is an increasingly valuable and scarce resource due to the shifting weather patterns caused by climate change. As a result, it has become increasingly important to more efficiently manage Canada's Water Resources. By far, the largest user of Canada's existing water supplies is the Agricultural industry. They consume around 70% of all freshwater used on an annual basis. To make resource usage more efficient, it stands to reason that we begin by targeting the largest users of the limited resource. Investing in water-efficient, drought-resistant seeds, high-efficiency or AI irrigation, water efficiency techniques, and vertical farming initiatives will make our farmers better able to provide the food our country needs to eat, while reducing their overall water usage. It will also position our industries to continue to be competitive in the global commodities market as water stress' impact on the global food supply continues to worsen.

Vertical farming: [https://en.m.wikipedia.org/wiki/Vertical\\_farming](https://en.m.wikipedia.org/wiki/Vertical_farming)

A.I. Irrigation:

<https://www.weforum.org/agenda/2021/01/ai-agriculture-water-irrigation-farming/>

## Motion Text

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Funding will be made available by the Federal government to upgrade the efficiency of the existing water and irrigation systems of Canada's farmers.

It will also help them purchase drought-resistant seeds.

It will invest in vertical farming initiatives and AI-assisted irrigation techniques on a provisional case-by-case basis.

## Sponsors

1. Initiating Sponsor: *Tyler Beaulac*
2. Co- Sponsors: