



Positioning Canada's Potato Industry for Improved Sustainable Production



LEAD RESEARCHER

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In this research activity ways to improve nitrogen use efficiency in Canadian processing and table potato production is being studied. Nitrogen fertilizer use is a constraining factor in sustainable potato production and this research is looking for ways to reduce usage.

The research team is working to determine the environmental and agronomic performance indicators for fresh and processing potatoes in Canada. Emissions efficiency and nitrogen management practices on potato farms across the country is being studied.

The first field trial season happened in 2024. There were no major issues reported at any of the research sites across the country and researchers are expecting average yields. Results will be released in April and will include agronomic and environmental sustainability indicators. Over the winter samples will be processed with analyses done on them.

KEY TAKEAWAYS:

- Replicated field trials are being done at research sites in Prince Edward Island, New Brunswick, Manitoba and Alberta.
- No major issues were reported at research sites during the 2024 growing season.
- Analyses on samples this winter will include agronomic and environmental sustainability indicators.

