







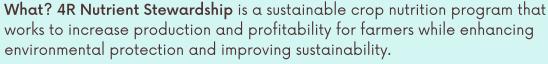


Sustainably Growing Food for You and the World



- Increases crop yields
- Greater food production on less land

















PLACE

TIME

Matches nutrient type to crop needs.

Matches amount of nutrient to crop needs.

Nutrient is applied when plant can best use it.

Applied at place (level) where plants can absorb.





Soil testing is the key to determine type, amount and place nutrient is needed.



Right place helps avoid runoff or leaching into surface or groundwater.

Why? The Great Lakes, Lake Erie in particular, are experiencing challenges to the health of their ecosystems. Dissolved Phosphorus has been linked to increased occurrences of Harmful Algal Blooms.





The Ontario agriculture industry:

- Is committed to being a part of the solution to ensuring the Great Lakes remain "drinkable, swimmable and fishable."
- Recognizes the importance of environmental stewardship and its role in ensuring the proper use of plant nutrients.
- Recognizes the growing global demand for sustainably grown ingredients.

4R Nutrient Stewardship is implemented across Ontario through a Memorandum of Cooperation (MOC). The MOC is currently with Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), Fertilizer Canada, Ontario Agri-Business Association, Grain Farmers of Ontario, Ontario Federation of Agriculture, and Christian Farmers Federation.

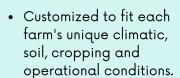






Ontario 4R Nutrient Stewardship Certification

- Promotes efficient use of nutrients
- · Works to keep nutrients out of watersheds
- Informs about the latest research
- Aids in adaptation to new technology
- Encourages agri-retailers, nutrient service providers and certified professionals to adopt science based, proven 4R Nutrient Stewardship best management practices (BMPs)



- The standards, and the corresponding evidence of met standards are audited by a private third-party.
- Currently at 950,000 acres in Ontario under this program across 29 4R Certified Nutrient Service Providers.