



FERTILIZER CANADA

FERTILISANTS CANADA

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FOR IMMEDIATE RELEASE

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Canadian Innovation in Sustainable Farming to be Featured at COP23

OTTAWA, ON – Canadian innovation in sustainable farming will be on the agenda as world leaders and policymakers gather in Bonn, Germany for the COP23 conference. Fertilizer Canada, the national voice of Canada's fertilizer industry, is proud to present its own success in developing a science-based fertilizer management system to increase crop production while minimizing environmental impacts. The adoption of this system is already having a positive impact in helping Canada meet its emission reduction targets and offers great potential internationally.

“The fertilizer industry in Canada is well positioned to provide sustainable and climate smart agriculture solutions,” said Clyde Graham, Senior Vice President of Fertilizer Canada. “Through the responsible use of fertilizer products, farmers around the world can increase crop yields while reducing greenhouse gas emissions.”

The Nitrous Oxide Emission Reduction Protocol (NERP) is a science-based nutrient management system developed by the Canadian fertilizer industry that can reduce unwanted nitrogen losses to air by up to 25 per cent through the principles of 4R Nutrient Stewardship (Right Source @ Right Rate, Right Time, Right Place®). Supported by scientific data produced by the Canadian 4R Research Network of 10 leading researchers, NERP is strongly aligned with the United Nation's Sustainable Development Goals.

The Food and Agriculture Organization (FAO) has already recognized the 4Rs and stated that information on this system should be compiled, synthesized, and disseminated to farming communities everywhere. Following a recent agreement with the Canadian Cooperative Association, Fertilizer Canada has committed to increasing food security using climate smart methods for smallholder farmers in developing countries. Pending government approval, the 4R Solution project will promote 4R Nutrient Stewardship in five developing countries, including Colombia, Ethiopia, Ghana, Senegal and one in Southeast Asia.



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On Sunday, Nov. 12, Graham will be presenting on these programs as part of the Innovation in Agricultural Landscapes: Technological Solutions to Meet NDCs for Mitigation and Adaptation session.

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*Fertilizer Canada represents manufacturers, wholesale and retail distributors of nitrogen, phosphate, potash and sulphur fertilizers. The fertilizer industry plays an essential role in Canada's economy, contributing over \$12 billion annually and 12,000 jobs. The association is committed to supporting the fertilizer industry with innovative research and programming while advocating sustainability, stewardship, safety and security through standards and Codes of Practice. Please visit **fertilizercanada.ca**.*

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