



CANADIAN FERTILIZER INSTITUTE
INSTITUT CANADIEN DES ENGRAIS



CFI ISSUES



4R Nutrient Stewardship

Right Source @ Right Rate, Right Time, Right Place™

An innovative approach to best management practices (BMPs) for fertilizer is the Right Source @ Right Rate, Right Time, Right Place™ concept. It is also known as 4R nutrient stewardship. It can be applied to managing either crop nutrients in general (including organic sources) or fertilizers in specific. This concept can help farmers and the public understand how the right management practices for fertilizer contribute to sustainability goals for agriculture.

In a nutshell, the 4R nutrient stewardship concept involves crop producers and their advisers selecting the right source-rate-time-place combination from practices validated by research conducted by agronomic scientists. Goals for economic, environmental and social progress are set by—and are reflected in performance indicators chosen by—the stakeholders to crop production systems.

The Canadian Fertilizer industry is asking Members of Parliament to encourage Agriculture and Agri-Food Canada to:

- Promote the *Right Source @ Right Rate, Right Time, Right Place*® (4R) Nutrient Stewardship framework in its nutrient management policies and communications with farmers, researchers, provinces and other governments.

QUICK FACTS

CANADA'S FERTILIZER INDUSTRY...

- Contributes \$7 billion annually to the Canadian economy and employs 12,000 Canadians
- Has farm gate sales valued at about \$3 billion a year
- Supplies fertilizer materials to over 50 countries

ABOUT CFI

- The Canadian Fertilizer Institute (CFI) is an industry association representing manufacturers, wholesale and retail distributors of nitrogen, phosphate and potash fertilizers. Our mission is to be the unified voice of the Canadian fertilizer industry by promoting the responsible, sustainable and safe production, distribution and use of fertilizers.