

THIS MEMORANDUM OF COOPERATION made this 11 day of January 2022.

MEMORANDUM OF COOPERATION

**4R NUTRIENT STEWARDSHIP THREE-YEAR
M E M O R A N D U M BETWEEN:**

**HER MAJESTY THE QUEEN IN RIGHT
OF THE PROVINCE OF SASKATCHEWAN**

as represented by the
Saskatchewan Ministry of Agriculture
(hereinafter referred to as "the Ministry")

and

FERTILIZER CANADA

A non-profit corporation incorporated under
Part II of the *Canadian Corporations Act*,
having its head office located in Ottawa, Ontario.
(hereinafter referred to as "Fertilizer Canada")

WHEREAS the Ministry may enter into agreements for the purpose of improving the agricultural or Agri-food industries and furthering agricultural or food testing and research, pursuant to *The Agriculture Administration Act*,

AND WHEREAS the Ministry wishes to support the development of regional applied research and demonstration sites consistent with and supportive of the development and diversification of Saskatchewan's agriculture and food industry,

AND WHEREAS Fertilizer Canada is an industry member association representing Canadian manufacturers, wholesalers, and retail distributors of nitrogen, phosphate, and potash fertilizers used in the production of agricultural crops,

AND WHEREAS Fertilizer Canada 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,

AND WHEREAS Fertilizer Canada and the Ministry wish to demonstrate the *4R Nutrient Stewardship Program*,

The Parties agree as follows:

1. PURPOSE

The purpose of this Memorandum of Cooperation (the "MOC") is to outline areas of collaboration between the Ministry and Fertilizer Canada (the "Parties") in regards to:

- a. Determining how to use the *Right Source @ Right Rate, Right Time, Right Place*® approach to nutrient management (commonly referred to as *4R Nutrient Stewardship Designation Program (4R Nutrient Stewardship)*, established by Fertilizer Canada) to help meet the Ministry's objectives for sustainable production and environmental stewardship.
- b. Establishing Fertilizer Canada's voluntary nutrient stewardship program known as *4R Nutrient Stewardship* in the province.

2. OBJECTIVE

- a. To improve nutrient management to optimize production and quality while protecting and conserving Saskatchewan's soils, water, and air through heightened awareness of the 4R principles and associated management options.
- b. To establish mechanisms to assist in the pursuit of common objectives related to the implementation of the 4R principles that reflect the mutual priorities of both Parties concerning soil health/quality and nutrient management, and the Saskatchewan government's commitments to the sustainable growth of the crop sector that will contribute to Saskatchewan's Plan for Growth.

3. PRINCIPLES

- a. The parties agree that principles articulated in the *Right Source @ Right Rate, Right Time, Right Place*® approach to nutrient management provides a framework to help meet the common goal of environmental sustainability
- b. The Parties acknowledge that healthy/quality soils are essential to economic and environmentally sustainable crop production and that the proper application of nutrients using the 4R principles is important to soil health/quality and crop nutrition.
- c. The Parties recognize that crop nutrient best management practices ("BMPs") must be science-based and that a variety of BMPs may be required to deliver the right nutrient source at the right rate, time and place.
- d. The Parties understand that the *4R Nutrient Stewardship* planning for crop production is an important component of environmental farm planning.
- e. The Parties understand that *4R Nutrient Stewardship* best management principles reduce nutrient losses from soils into water and air when implemented.

4. COMMUNICATION

The Ministry reserves the copyright on all materials it publishes but will acknowledge Fertilizer Canada's contribution.

Fertilizer Canada will also copyright and acknowledge funding sources and collaborators in all materials it publishes.

5. TERM OF MOC

The three-year term of this MOC shall commence on the 1st day of January 2022, and end on the 31st day of December, 2024.

6. MEASURES AND OBLIGATIONS

Nothing in the MOC creates any funding obligations for any of the Parties.

The activities carried out under this MOC must be consistent with the 4R principles, and must not conflict with any requirements established through regulation or any other statutory authority.

Nothing in the MOC precludes any of the Parties from exercising any authority or complying with any obligations prescribed under the laws of Saskatchewan or Canada.

7. AMENDMENTS

The MOC may be amended in writing with the consent of all Parties during the term of the memorandum.

8. TERMINATION

Any of the Parties can terminate participation in the MOC by providing, not less than 30 days, written notice to the other signatory.

9. NOT LEGALLY BINDING

For greater certainty, this MOC does not create legally binding obligations on the Parties.

10. COMMITMENTS OF THE PARTIES

Commitments of all Parties

(1) The Parties make the following commitments:

- a. The Parties are committed to continuing to strengthen environmental stewardship by helping farmers to adopt science-based BMPs.
- b. The Parties agree to work in collaboration to promote the adoption of voluntary 4R principles, where feasible.

MOC Action Items

- I. Fertilizer Canada will be the lead on tracking the implementation of *4R Nutrient Stewardship* in Canada, this will be done through the utilization of the national *Fertilizer Use Survey*, and the *4R Nutrient Stewardship*, and any other improved data collection methods which may arise
- II. Fertilizer Canada and Ministry will work together to promote *4R Nutrient Stewardship* through demonstration and research trials conducted by organizations eligible for program funding.
- III. Fertilizer Canada and Ministry will continue to engage the Saskatchewan 4R Steering Committee. This committee will work to engage stakeholders across the province for their expertise and thoughts on the implementation of 4R Nutrient Stewardship Communication, Extension, Research, and Programming.
- IV. Fertilizer Canada will work with the Ministry to develop and provide key stakeholders with Grower Communication toolkits to help promote the *4R Nutrient Stewardship* in the province.
- V. The Ministry will assist in public and producer education on the benefits of Nutrient Management, including *4R Nutrient Stewardship*, via field days, workshops, and other extension opportunities.
- VI. Fertilizer Canada will work to establish value chain programs that integrate *4R Nutrient Stewardship*, to provide growers with the opportunity to be recognized for their contributions to an environmentally sustainable future.

IN WITNESS WHEREOF the parties there to have executed this Memorandum of Cooperation as of the day and year above written.

SIGNED & DELIVERED

in the presence of:



McKenzie Smith, Director of Stewardship and Regulatory Affairs

FERTILIZER CANADA



Karen Proud, President and Chief Executive Officer

SIGNED & DELIVERED


in the presence of



Nicole Kutsak

GOVERNMENT OF SASKATCHEWAN

as represented by the Saskatchewan Ministry of Agriculture



Rick Burton

