



**University
of Manitoba**



Canada Africa 4R Solution and Precision Nutrient Management – Online Series

A. Background

B. Funded by the Global Affairs Canada, the 4R Solution project aims at improving socio economic well-being and resilience of smallholder farmers, particularly women, by incorporating 4R Nutrient Stewardship (Right Source @ Right Rate, Right Time, Right Place). Fertilizer Canada, University of Manitoba, OCP group and University Mohammed VI Polytechnic are convening the first Canada- Africa 4R Solution and Precision Nutrient Management online series. The series of webinars will be held on an online platform from June 2020 to February 2021. The series of virtual sessions (1 webinar per month, each running for 2 hours) brings together key stakeholders in 4R nutrient management research and extension from Canada and Africa with a goal of developing a Canada-Africa 4R academic network to support knowledge transfer. This will help identify 4R and precision nutrient management research and extension gaps in Africa, raise the profile of 4Rs in Africa and Canada, and create an opportunity for future investment in African 4R and precision nutrient management research and extension. It is envisaged that each session will have about 100 participants.

C. Objectives of the meeting series

- To increase visibility of 4R Solution project
- To create a network of African and Canadian scientists with a goal of advancing 4R and precision nutrient management science and extension
- To increase engagement by African universities in 4R Nutrient Stewardship

D. Agenda

Monday July 13, 2020	
8:00 am- 8:05 am	Introduction & Welcome Clyde Graham Executive Vice President Fertilizer Canada
8.05 am – 8.25 am	4R concept, methodology, and achievements in Morocco Fatiha Charradi Vice President, Agricultural Development OCP
8.25 am – 8.35 am	Q/A
8.35 am – 8.55 am	Digital tools for Site-Specific Nutrient Management and the role of geospatial tools Pauline Chivenge Senior Scientist IRRI
8.55 am – 9.05 am	Q/A

9.05 am – 9.25 am	The role of decision support tools in the development of site-specific nutrient management recommendations in smallholder farming systems of SSA Samuel Njoroge, Agronomist African Plant Nutrition Institute
9.25 am -9.35 am	Q/A
9.35 am – 9:55 am	Soil Recapitalization: A key to Building Climate Resilience in Drylands Systems of Africa Rebbie Harawa, Regional & Research Program Director ICRISAT East and Southern Africa
9:55 am – 10:00 am	Q/A