

Certificate of Merit Citation for Cynthia A. Grant

Cynthia (Cindy) Grant grew up on a farm in the Minnedosa area, and completed her B.S.A. (1980), M.Sc. (1982) and Ph.D. (1986) at the University of Manitoba. Cindy's academic excellence was recognized with the University of Manitoba Gold Medal for highest standing in the B.Sc. Agriculture program, the Alfred Rea Tucker Scholarship for highest standing among all graduate students at the U of M, an NSERC Graduate Scholarship, and a Potash and Phosphate Institute Fellowship.

Since beginning her career at Agriculture and Agri-Food Canada (AAFC)'s Brandon Research Centre in the early 1990s, Cindy's research and extension activities have focused on management strategies for improving fertilizer use efficiency in cereals and oilseeds in a variety of environments and cropping systems across the Canadian Prairies. Her work on soil fertility and crop nutrition has led to a national and international reputation in the areas of improving nutrient use efficiency in cropping systems and reducing the risk of trace metal toxicity. Cindy has also worked with a wide variety of scientists across Canada and world-wide to learn about the interaction of nutrient supply and crop management practices with crop diseases, weed competition and soil microbial activity. Cindy also serves as an Adjunct Professor in the Department of Soil Science at the University of Manitoba.

Cindy has approximately 150 refereed research publications on topics ranging from diversified cropping systems, crop nutrition, nutrient dynamics in tillage systems to trace element behaviour in soils and crops including several invited reviews in each of these areas. She is also the author or co-author of several chapters in SSSA monographs on dryland agriculture and sulphur management, as well as a book on integrated nutrient management. Cindy has given hundreds of extension presentations and written nearly 200 extension bulletins and reports for the benefit of agronomists, farmers and policy-makers.

As a result of this outstanding work, Cindy has received many national and international awards, including the International Fertilizer Industry Association Fertilizer Award for Young Professionals , the Robert E. Wagner Award from the Potash and Phosphate Institute, Researcher of the Year from the Fluid Fertilizer Foundation, and Fellow of the American Society of Agronomy. In Canada she has received the Canadian Society of Agronomy Young Agronomists Award, Fellow of the Canadian Society of Agronomy, Fellow of the Canadian Society of Soil Science, Gold Harvest Award from AAFC for her outstanding science achievement and the Manitoba-North Dakota Zero Tillage Farmers Association Non-Farmer of the Year.

Cindy has served her profession in a number of roles: as President of the Canadian Society of Agronomy (1999-2001), President of the Canadian Society of Soil Science (2010), Associate Editor of the Journal of Environmental Quality (2009-2011), and as a member of a large number of professional committees.

Cindy maintains her ties to rural Manitoba, living north of her hometown of Minnedosa with her husband on their family farm. Within her local community, Cindy has also served in a variety of roles; for example, as director for the Minnedosa Golf and Country Club.

Cindy is one of the world's most respected agronomists and soil scientists, respected by farmers, industry and public agencies alike. She has provided outstanding service to her profession, employer, colleagues and society at large.

This Certificate of Merit is presented to Cynthia Grant by the Faculty of Agricultural and Food Sciences at the University of Manitoba, in recognition of leadership with agricultural organizations and outstanding service to the community at large.

**May 1, 2015
Winnipeg, Manitoba**