



**Nova Scotia Agricultural College
Graduate Student (M.Sc.) Research Opportunity
Marine Bio-Products/Plant Pathology**

Supervision: Dr. B. Prithiviraj, Department of Environmental Sciences

Location: Nova Scotia Agricultural College (NSAC), Truro, Nova Scotia

Project: Various formulations of marine bio-products including those from seaweeds, and marine invertebrates are used in agriculture. These products promote plant growth and impart biotic and abiotic stress tolerance in plants. Recent studies in our laboratory have shown that these chemical components of marine bio-products enhance plant's tolerance to a number of pathogens. The successful candidate will investigate the potential use of marine bio-products for the management of stem rot of canola. This is part of a large collaborative effort between NSAC, McGill University, University of Guelph, University of Manitoba, Agriculture and Agri-Food Canada and industry partners.

Start Date: May 2011.

Eligibility: A B.Sc. honors degree in Agriculture / Biology with Plant Science major / or equivalent, and eligibility to enroll in the M.Sc. program at NSAC.

Stipend: \$16,500 per year for two years.

For information on this research project contact: Dr. B. Prithiviraj, Department of Environmental Sciences, NSAC, Box 550, Truro, Nova Scotia, B2N 5E3, Canada (E-mail: bprithiviraj@nsac.ca; Phone: (902) 893-6643; Fax: (902) 893-1404. <http://www.nsac.ca/microbelab/>

For graduate program information or to apply: Contact Marie Law, Research & Graduate Studies Office, NSAC (E-mail: mlaw@nsac.ca; Phone: (902) 893-6360; Fax: (902) 893-3430) or visit the NSAC web site at <http://www.nsac.ca/research/graduatestudies/>.

The Master of Science program with a specialization in Agriculture is offered by NSAC
in conjunction with Dalhousie University