



**Nova Scotia Agricultural College
Graduate Student (M.Sc.) Research Opportunity
Marine Bio-Products/Canola Oil Quality**

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

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

Project: A number 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. These beneficial effects are a result of a coordinated biochemical and molecular changes in the plant elicited by marine bio-products. The successful candidate will investigate the effect of marine bio-products on the quantity and quality of oil in 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 / Biochemistry 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