
Soil testing and plant analysis are important components of the Food Security Act and under consideration as safeguards for the new Clean Water Act. The Council on Soil Testing and Plant Analysis, established in 1969, promotes soil testing and plant analysis, including efficient use of nutrient resources, maximizing profits, and encouraging proper soil management and environmental protection. In the Registry - Canada Laboratories Providing Soil Testing Services - Canada Laboratories Providing Plant Analysis Services - Canada Laboratories Providing Water Analysis Services - Canada Laboratory Facts - All Laboratories by Number - Canada Council Membership List. View More. View Less.

Maintaining a comprehensive scope, Communications in Soil Science and Plant Analysis enables scientists to stay informed of new developments around the world, in areas such as soil chemistry, soil fertility, soil analysis methods, soil and plant analysis interpretation, soil and plant analysis liming and fertilization, soil-plant nutritional interactions, trace elements in soils and plants, and much more. This publication gives details of laboratory procedures for the determinations of bioavailable (e.g., plants) quantities of nutritional and polluting inorganic elements in 0.01 M CaCl₂ extracts of air-dried soil samples. The Soil-Plant Analysis Laboratory has, since ICARDAs inception, played a vital role in the research activities of the Natural Resource Management Program (NRMP) and indeed throughout the Center. The ICARDA management has always supported the Soil-Plant Laboratory; without this support, this manual of adapted soil and plant analysis procedures would not have been published. Our thanks go to readers who have noted errors in the first two editions of this manual and those who made suggestions for improvement. Key words: Feedback ICARDA welcomes comment and feedback on this publication, please contact us.

Soil testing and plant analysis are important means of increasing crop production by the rational use of fertilizers in combination with the application of other up-to-date management practices; supplemented with field experiments, they serve as a tool to gradually refine fertilizer recommendations and to provide for a balanced use of fertilizers at the country or regional level as well as on individual farms. Plant and soil analytical tasks should be confined to a single laboratory under one unified supervision. The analytical programme for routine analysis should be confined to the elements known to be of prime importance for economic crops of the particular country. How plants feed. Ever since the publication of Liebig's famous book 'Die Chemie in ihrer...