

The effect of the level of fertility on crop production
on salinized media

J.J. OERTLI

107

Effect of different foliar fertilizers on potato
production in Egyptian soils

A.H. ABD-EL-HADI, M.S. KHADR, A.Y. EL TAWHEEL and
S.A. SHALABY

115

Foliar vector analysis for diagnosis of operational
forest fertilization needs in Western Canada

G.F. WEETMAN

124

SESSION 2

Soil and plant testing for diagnostic pur-
poses, performance and suitability for an
accurate assessment of crop nutrient requi-
rements, soil and plant tissues analyses
and their importance for interpretation, use
of computers for optimizing fertilizer manage-
ment, N-min method for nitrogen assessment

135-278

Main lecture

Estimation of nutrient requirements of crops by means of
soil and plant testing as a prerequisite for adequate
use of fertilizers

E. WELTE and F. TIMMERMANN

137

Contributions

Diagnosis of plant nitrogen nutrition status and prog-
nosis of fertilizer requirements

I. PAPASTYLIANU

159

An improved quick tissue test for assessing plant N sta-
tus and its relationship to crop performance

D.A. ANALOGIDES

168

The mineral composition of the leaves of grape fruit
in relation to the level of NPK fertilizers

I.I. ANDROULAKIS, M.H. LOUPASSAKI, and I. TZOMBANAKIS

177

Simple kinetic approach of soil nutrient supply

I. BUZAS

186

Evaluation of different extractants for prediction of
plant response to applied P fertilizers in highly cal-
careous soils

N. KARIMIAN and A. GHARBARI

193

Determining optimal K-, Ca-, and Mg-dosis by multifactori-
al pot experiments

J. LOCH

201