

9. The effect of calcium fertilization and liming on the soil improvement and grain yield of winter wheat, corn and soybean
R. Ognajovic, S. Lomovic, D. Djokic, M. Jelic
10. Use of fertilizers in Russia is a factor of soil productivity
M. Ovcharenko
11. The fertilizer productive action and soil nutrient balance determination
A.V. Postnikov

Session II: FERTILIZERS FOR FORESTAL PRODUCTION
Chairman: J. Lee, Agriculture and Food Development Authority, Wexford,
Ireland

12. Principles of forest fertilisation – illustrated by New Zealand experience
I.R. Hunter, W. Smith
13. The effect of Al and Mn on growth and mineral composition of *Casuarina equisetifolia* Forst.
R. Kasraei, C. Rodríguez-Barrueco, M. Igual Arroyo

Session III: NUTRIENT CYCLING AND SUSTAINABILITY
Chairman: J.J. Neeteson, Res. Inst. for Agrobiolgy and Soil Fertility,
Haren, The Netherlands

14. Nutrient cycling and sustainability
I. Láng
15. Effect of different rates of N-fertilizers on nodulation, nodule activities and growth of two field grown cvs. of soybean
A.M. Abdel Wahab, M.H. Abd-Alla
16. Impact of vesicular arbuscular mycorrhizal fungi and *Rhizobium* on the growth and P, N and Fe uptake by faba-bean
I.A. El-Ghandour, M.A.O. El-Sharawy, E.M. Abdel-Moniem
17. Fertilisation balances in two agriculturally used water catchment areas
M. Kücke, P. Kleeberg
18. Tillage (plowing, subsoiling and no-tillage) effect on soil erodibility:
I. Runoff and infiltration
F.C. Barreiros, F.P. Pires, E.M. Sequeira
19. Tillage (plowing, subsoiling and no-tillage) effects on soil erodibility:
II. Soil losses by runoff and "splash"
F.C. Barreiros, F.P. Pires, E.M. Sequeira
20. Effect of time and rate of nitrogen application on cotton
H.B. Setatou, A.D. Simonis