

09.30 - 09.50 : The spatial variation on soil mineral nitrogen in two arable fields in England, and the implications for decision processes on fertiliser use
Dampney P.M.R., Goodlass G. Riding A.E. and Froment M.A. (U.K.)

09.50 - 10.10 : Study of nutrients redistribution in agricultural landscape using geostatistical methods
Romanenkov V. (Russia)

10.10 - 10.30 : Precision agriculture: The challenge for future fertilisation
Vanoverstraeten, M. and Schnug, E. (Belgium)

10.30 - 11.00 : *Coffee*

Session 8: Legislation - chairman: A. Krauss

11.00 - 11.30 : **Key-note lecture**
Legislative measures on fertilization
Maene L.M. (France)

11.30 - 11.50 : Effects of a tax on nitrogen fertilizer on production intensity, nitrogen surpluses, structure of production, income, and fertiliser input
Loethe K., Kazenwadel G. and Zeddies J. (Germany)

11.50 - 12.10 : Spanish legislation relative to fertilizers
Soler-Rovira P., Soler-Rovira J., Soler-Soler J. and Polo A. (Spain)

12.10 - 12.30 : Mapping the phosphate saturation degree on the sandy soils in Flanders (Belgium) and delineation of risk areas
Depuydt S., Schoeters I., Scheldeman K., Hofman G., Vlassak K., Van Meirvenne M. and Vanderdeelen J. (Belgium)

12.30 - 14.00 : *Lunch*

Session 9: Advisory systems - chairman: J.J. Neeteson

14.00 - 14.30 : **Key-note lecture**
New development in fertiliser manufacturing
Steen, I. (Denmark)

14.30 - 14.50 : Predicting nitrogen fertilizer needs using soil and climatic data
Olness A., Lopez D., Cordes J., Sweeney C. and Voorhees W.B. (U.S.A)

14.50 - 15.10 : Integrated modelling and soil testing for improved fertilizer recommendations for grassland
Brown L., Scholefield D., Jewkes E.C. and Preedy N. (U.K.)