

FERTILIZERS AND ENVIRONMENT

VIII International Symposium of C.I.E.C.

IRNA-CSIC

Aptdo. 257. 37071 Salamanca. Spain

Programme

Preface

Opening speech

Speech delivered at the opening ceremony of the international symposium on 'Fertilizers and Environment'

Excmo. Sr. D. Francisco Jambrina Sastre

Opening lecture

*Heavy metal contaminants in inorganic and organic fertilizers

J.J. Mortvedt

Session I: FERTILIZERS FOR FOOD PRODUCTION

Chairman: M. Ovcharenko, Ministry of Agriculture and Food, Moscow, Russia

1. The present situation of fertilizer production and use in the world
K.F. Isherwood
2. Higher and better yields with less environmental pollution in Egypt through balanced fertilizer use
M.M. El-Fouly, A.F.A. Fawzi
3. Fertigation for minimizing environmental pollution by fertilizers
J. Hagin, A. Lowengart
4. The agronomical and physiological efficiency of nitrogen applied for arable crops in Poland
E. Fotyma, M. Fotyma
5. Nitrogen balances in long-term field experiments
T. Németh
6. The effect of fertilizers on maize yield under two tillage systems
Z. Dumanovic, Z. Videnovic, G. Vasic
7. Effect of some nutrients on yield and composition of sugar beet grown in highly calcareous soil
B.I.M. Moussa, S. El-Demerdashe, H.H. El-Mashhadi
8. Nitrogen losses and yield of cauliflower: Effect of the reduction of mineral nitrogen fertilization
J. Navarro Pedreño, R. Moral, I. Gomez, J. Mataix, C. Ramos