

Prevention of non-point source pollution (Hung/82/004 UNDP/FAO Project)
 Gy. PINTÉR, Hungary 109

I.2. Nitrate in the soil and groundwater

| | |
|---|-----|
| Distribution and accumulation of nitrates in the Pannonian chernozem depending on harvest residues and rainfall D. BOGDANOVIC, D. DOZET and S. MANOJLOVIC, Yugoslavia | 115 |
| Long-term observation of the movement of soil solution and nitrate in a chernozem profile and the influence of irrigation and fertilization J. BIZIK, Czechoslovakia | 119 |
| Nitrate movement in a brown forest soil as affected by nitrogen fertilization G. FÜLEKY, Hungary | 123 |
| The effect of fertilization and irrigation on the change of nitrate-N content of the soil profile J. LOCHI and I. JÁSZBERÉNYI, Hungary | 127 |
| Vertical distribution of NO ₃ -N and denitrification parameters in the soil down to greater depths (about 10 m) under various soil management/nitrogen fertilization. K. ISERMANN, Fed. Rep. of Germany | 131 |
| The dynamics of nitrate nitrogen as a function of soil type and sugarbeet fertilization R. MILOSEVIC, S. MANOJLOVIC, D. BOGDANOVIC and MA FENG MING, Yugoslavia | 141 |
| A study of subsurface nitrogen movement at different test areas in the regions of Lörinci and Ócsa E. HORVÁTH and Z. VERRASZTÓ, Hungary | 145 |
| Influence of nitrogen fertilization on the nitrate contamination of groundwater H. HANUS and D. FAHNERT, Fed. Rep. of Germany | 149 |
| Nitrogen efficiency and nitrate leaching of a calcareous chernozem soil I. KÁDÁR, T. NÉMETH and G. KOVÁCS, Hungary | 155 |
| Nitrate migration with waters due to nitrogen fertilizer transformation in paddy soils V. N. KUDEYAROV, USSR | 159 |
| Lysimeter research on nitrogen migration and leaching from the soil J. KUDLICKOVÁ, Czechoslovakia | 165 |
| Reducing the danger of nitrate pollution with rational N-fertilization S. HOFFMANN, A. KOVÁTS and T. KISMÁNYOKY, Hungary | 171 |
| The influence of sprinkler irrigation on the nitrogen balance in the root zone J. MOSIEJ, Poland | 175 |
| Soil moisture regime and nitrate leaching in a field study Relationship between soil moisture regulation practice and NO ₃ -leaching in a model plant T. NÉMETI and E. MOLNÁR, Hungary | 179 |
| Nitrate content of liquid phase of soil under intensive agriculture D. STOICHEV and D. STOICHEVA, Bulgaria | 185 |
| The effect of ameliorative soil moisture regulation methods on nitrate dynamics in drainage waters L. NYIRI and A. KARUCZKA, Hungary | 191 |
| Nitrate accumulation in the ground-water as a barrier in the agrogeochemical nitrogen cycle V. N. BASHKIN, USSR | 195 |