

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Response of maize to the application of Fe and Zn on calcareous soil T. ZAKHARIEVA | 95 |
| Effect of simultaneous N and Cu fertilization on a calcareous chernozem soil M. II. SHALABY and I. KÁDÁR | 99 |
| The mineral composition of grassland vegetation related to the chemical properties of the soil A. SAPEK and B. SAPEK | 105 |
| Study of the effect of different leaf fertilizers on maize /Zea mays/ Z. GYÓRI, R. CSÁNYI and T. KISS | 109 |
| Agrochemical basis for recommendations on micronutrient fertilization in Bulgaria D. STOYANOV, N. PENEVA and T. ZAKHARIEVA | 113 |
| The effects of calcium and magnesium fertilizers on the properties of acid sandy soils M. KOZÁK | 116 |
| Counterbalancing the disadvantageous effect of soil CaCO ₃ by fertilization S. A. HUSSAIN and G. FÜLEKY | 120 |
| Interaction between P and Zn fertilizers in a calcareous chernozem soil I. KÁDÁR and M. H. SHALABY | 124 |
| Lime-fertilizer effects on some edaphic factors of the fertility in acidic brown forest soil L. SULYOK, Gy. BICZÓK, A. PUSZTAI, J. SZEGI and P. KERÉKFY | 129 |
| Effects of sewage sludge on the microelement content of soils and plants as well as on the mineralogical composition of some Hungarian soils A. LUKÁCS, G. PÁRTAY, A. PUSZTAI and I. BUZÁS | 136 |
| New paths in the development of food production: Titanium chelate I. PAIS | 139 |
| WORKING GROUP 7 | |
| Nutrient supply and plant health. Ways of controlling plant diseases and pests | 141 |
| Report of the Coordinator Z. KIRÁLY | 142 |
| Effect of nitrate nitrogen nutrition on cytokinin content of tomato leaves A. ÁDÁM, B. BARNA and Z. KIRÁLY | 143 |
| Appearance of seed traits as affected by fusarium infection for cultivated varieties of winter wheat under different levels of NPK M. ATTA, M. ODIEMAH and S. GÁSPÁR | 147 |
| Influence of starter fertilizers on decreasing the damages caused by damping-off on optimal stand density and on yield formation E. KISS, É. HETZER and G. POÓS | 153 |
| Response of fusarium infected lucerne to different levels of nutrient supply E. TÓTH | 156 |
| Effects of herbicides and N-fertilizers on a rhizobium-legume system B. BIRÓ, I. SZEBENI, M. KECSKÉS and S. TIMÁRI | 159 |
| Effects of various nitrogen doses on the competition of sugar beet, <i>Amaranthus retroflexus</i> L. and <i>Chenopodium album</i> L. J. POZSGAI | 162 |