

The effect of phosphate application on P-balance and P-utilization in the soil S. HOLLÓ	361
Some environmental aspects of the use of P fertilizer on soils under wheat M. JOLÁNKAI	365
Phosphorus regime of sandy soils I. CSERNI	367
Effectivity of five rock phosphates / RP / and of triple superphosphate / TSP / in P-fixing tropical soils in a phytotron trial H. W. MÜLLER	370
Environmental aspects of polyphosphate application to acid soils A. Yu. KUDEYAROVA and M. Z. KVARATSKHELIYA	373
Yield response of field crops and grassland to hyperphosphate / soft finely ground phospho- rite /, basic slag and superphosphate in the course of long-term comparative field trials J. GEYER and H. WACHTEL	376
Use of phosphorus from different calcium phosphates and rock phosphate by plants as evaluated by ³² P technique I. STOYANOVA and N. NIKOLOV	377
Long-term use of phosphorus fertilizer on a potato-maize rotation J. HERRERA ALTUVE, H. P. BENITEZ and A. B. VALDEZ	381
The effects of kodjari rock phosphate on the yields of different crops on an oxic haplustalf in Upper Volta W. KANTOR	385
Efficacy of fertilizer application in the main soil-climatic zones of the USSR L. M. DERZHAVIN	391
Effect of fertilizers on the dry matter accumulation and phosphorus uptake by winter barley G. BICZÓK, I. KÁDÁR, B. LÁSZTITY, É. ELEK and M. RUDA	395
The relationship between soil fertility and P-uptake of ryegrass grown in soils of the Ebro Valley B. ELEIZALDE	400
The effect of P fertilizers on wheat yields and the nutrient contents of brown forest soils I. NÉMETHI	405
The influence of soil microflora on the mobility of soil phosphorus G. S. MUROMTZEV, G. N. MARSHUNOVA, V. F. PAVLOVA, N. V. ZOLNIKOVA and L. M. YAKOBI	410
Model of phosphate status in pot experiments A. GANCHEVA	415
Effect of phosphorus on the yield of lupine / <i>Lupinus albus</i> / and horse bean / <i>Vicia faba</i> L. / in different soils P. TATÁR and Á. MÁRTON	419
The effects of P and N/P fertilizers on the growth, nodulation and seed set of three Afri- can clovers on a P-deficient vertisol S. JUTZI and I. HAQUE	423
Effect of phosphorus and potassium on growth and bearing of grapevine M. MILOSAVLJEVIC	427