Investigation of N nutrient competition between spring barley and two weeds / Avena fatua, Sinapis arvensis / before weed control L. RADICS, J. ALKAMPER and A. WESTPHAL	165
Study of the correlation between fertilization and weed stand in field trials I. BÉRES and I. NÉMETH	169
M. SKOCZ	171
Phytotoxicity of heavy metals as affected by external factors C. BUJTÁS	173
WORKING GROUP 8	
Plant nutrient supply and crop quality. Technical and nutritional requirements	177
Report of the Coordinator	178
The effect of chemical fertilizers on the quality of wheat / I. RAGASITS and J. VARGA	179
The effect of late / growth stage 10.3 / nitrogen top-dressing on the yield and quality of winter wheat E. J. GALLAGHER and T. GARTLAND	182
The effect of N fertilization levels and seeding rate on the grain quality of winter wheat varieties M. PIECH and S. STANKOWSKI	185
The influence of nitrogen doses on yield and quality of spring barley R. RICHTER	188
Rice nutritional control – a significant factor of plant protein production V. P. KRISCHENKO	191
A connection between N uptake and quality of sugar beet / beta vulgaris L. convar. crassa alef. helm/ Z. IZSÁKI	193
The effect of nitrogen fertilization on the yields and mineral nutrient accumulation of	
potatoes T. NÉMETH, Gy. BICZÓK and M. RUDA	195
The effect of fertilizers on corn yield and yield quality M. SÁRVÁRI	197
Variation in technological quality of sugar beet in dependence of nitrogen fertilization, genotype and vegetative area S. STANACEV, R. MILOSEVIC and D. STEFANOVIC	200
The influence of nitrogen quantity on seed crops, oil content and the oil production of oil	
rape B. RADENOVIC	205
The effect of N-fertilization on an apple orchard J. PAPP, I. HÁMORI, L. ZSOLDOS, L. PÁPAI and ALI HUSSEIN AZIZ	208
Effect of laser treatment and mineral nutrition on the yield and quality of mid-early tomatoes	
V. RANKOV, V. ILIEVA and G. DIMITROV	212