L. Kushelevski Poland Fertilizers efficiency and its J. Labentovic dependence on irrigation A. Myshka Poland --- Changeable cation capacity of roots as a factor of mobilization of phosphorous from Ca $(H_2PO_4)_2$ and carbonate rendzin from soil C. Radenovic, Yugoslavia - - The electrochemical aspect of B. Jovanic, ion transport research in the M. Pencic roots of maize M. Folyma Poland --- The optimum nitrogen-phos-II. Grzeskiewicz phorous ratio for polatoes in Poland P. A. Dmitrenko **USSR** Soil and climate conditions and mineral fertilizer efficiency in Ukraine Y. Borovec Poland -- Liming effect on soil's pro-Y. Gaida perties and productivity of meliorated turfary L. Nyiri Hungary --- Effect of liming and fertili-I Kopocsi zation on the productivity of meadows on brown forest soils Z. Haber Poland -- Influence of liming on trace elements content in ornamental plants grown in peat medium M. Kozak Hungary - Efficiency of K-fertilizers on I. Semesh sandy soils J. Ivanic Czechoslovacia --- Potassium as a nutrient ele-V. Strelec ment for pepper K. Cherna

11.30 a.m.-11.45 a.m. Recess

Short lectures

| K. Duczmał A. Bartosewicz J. Gulinski | Poland | The influence of NPK and Mg content in soil on yield of beep seeds |
|---|---------|--|
| G. Kovach Sh. Tot | Hungary | - Effect of fertilization on pro- ductivity of some sorts of lu- cerne in dependence on diffe- rent irrigation regime |

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