

Section VIII— ATOMIC TECHNIQUE IN CHEMIZATION
OF AGRICULTURE

Presidium: V. V. Rachinsky, USSR
Dj. Jelenic, Yugoslavia
M. J. Frissel, Netherlands
R. A. Srapenyanz, USSR

June 23, Wednesday

10.00 a.m.—1.00 p.m. MORNING SESSION

Reports

M. J. Frissel	Netherlands	Development of agricultural nuclear research
N. A. Sapozhnikov T. K. Livanova I. P. Rusinova L. B. Sirota T. V. Tarvis	USSR	Use of ^{15}N in studies of fertilizers nitrogen transformation in soil and its uptaking by plants
R. D. Hauck V. J. Kilmer	USA	Current cooperative research with stable isotopes between the Tennessee Valley authority and Land-Grant University of nitrogen fertilizer use and water quality
E. H. Ikonomova	Bulgaria	Method for determination symbiotics fixed nitrogen in been plants by stable isotope ^{15}N

11.30 a.m.—11.45 a.m. Recess

F. Jacquin G. Papadopoulos J. Catillon	France	Comparative work on the migration of nitrate nitrogen in heavy soils of Lorraine, through a three years
E. I. Shilova V. V. Kidin	USSR	Usage of ^{15}N isotopes in research of nitrogen utilization by plants from soil and fertilizers
Dj. Jelenic M. Jakovljevic M. Petrovic	Yugoslavia	The effect of plant growth on the transformation of $(\text{NH}_4)_2\text{SO}_4$ labelled with ^{15}N in chernozem soil