

H. Novikova - 100

A well-known scientist in the field of land reclamation, the doctor of agricultural sciences, Anna Vasylivna Novikova, was 100 years old. A birthday anniversary was celebrated on February 15, 1915, in the Podgorny village of the Georgievsky district of the Stavropol Territory in the family of servants. For 70 years of his scientific creative life, she pre-sanctified the development of land reclamation in Ukraine. In 1949-1956 gg. Novikova worked as a senior scientific associate at the Crimean branch of the Academy of Sciences of the USSR, since 1956 - in the Ukrainian Research Institute of Soil Science and Agrochemistry named after O.N. Sokolovsky (now NSC "Institute of Soil Science and Agrochemistry named after ON Sokolovsky") on positions of senior research fellow, supervisor of the laboratory of chemical soil reclamation and leading researcher. It developed a new method for determining the degree of natural drainage of the territory of the Steppe Crimea, established the geochemical zonation of soil salinization, soil-reclamation zoning of the territory for irrigation purposes, features of the genezation and melioration of saline soils. In 1957-1961 Gan-Vasilievna took an active part in large-scale mapping of soils of Ukraine. With the beginning of the construction of the largest irrigation systems and the widespread introduction of irrigation in the south of Ukraine in the zone of the North-Crimean and Krasnozamyansk canals, GV Novikov actively participated in the study of environmental problems of mass irrigation, its consequences for Ukraine's soils. She proposed methods for in-depth assessment of the suitability of the territory for irrigation, providing UkrDıVstrojGosP to substantiate the irrigation project of the North-Crimean Channel zone a number of cartographic and other materials compiled by it. GV Novyukova developed the theoretical basis for the process of migrating salts for secondary salinization, first proposed a method for forecasting it and, together with his staff, made a forecast for the zone of the North-Crimean and partly the Krasnozamyansky canals. She led and participated in the development of a method for combating secondary salinization with the help of sprinkling, and also established the lawfulness of changes in soil-meliorative conditions and the transformation of salts in the first stage of irrigation and in the next 20-30 years. At the same time, the peculiarities of the irrigation evolution of the solonchukous process were discovered and the principles and directions concerning the fertility of degraded soils were developed. GV Novikova took an active part in the implementation of deep reclamation plantation plowing in the Crimea (220 thousand hectares). In 1948 GV Novikova defended candidate's, and in 1973 - a doctoral dissertation on the topic: "Soil-meliorative conditions, their change under the influence of irrigation and the forecast of secondary salinization of soils in the south of Ukraine." Together with a team of Ukrainian soil scientist-mechanicians, she contributed to the rapid introduction of gypsum and reclamation of solonchuks on the area of 1.5 million hectares in the period of 1961-1980. Anna Vasylivna was an expert of the VAK for the protection of dissertations (in m Moscow), participated in the work of the academic councils for the defense of dissertations in other institutes, engaged in deputies' activities. Under her leadership 7 candidate's theses have been prepared and defended. GV Novikova is awarded with the medals "For labor vitality", "For a long time compiled work", "For valiant work". Scientific activity GV No-age continues, and in her 100 years she is tirelessly working. We sincerely congratulate Anna Vasilyevna on her anniversary. Let's hope for health, creative inspiration and life energy.

NSC "Institute of Soil Science and Agrochemistry named after O.N. Sokolovsky »Ukrainian Society of Soil Scientists and Agrochemists