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CARTOGRAPHY UKRAINIAN SOILS IN 30 YEARS OF THE XX-th CENTURY: HISTORICAL ASPECT

Summary

The purpose of writing the article is highlight of the main historical points of cartography of soils in Ukraine the 30th of XX century, and also defines the role of scientists in cartography of soils in the mentioned period for the development of agro soil expert science.

The development of agricultural science in this period, marked by significant achievements from cartography of soils in Ukraine, including composition of a new map of soils of Ukraine in scale 1: 1,000,000, in it considerable detail of soil Forest-steppe and Steppe were marked of important theoretical and practical aspects, such as Soil forming rocks, soil texture, nature and intensity of salt, complexity of soil cover, the nature of grasslands and marshes. Subsequently, this map was the basis for formation of map soil forming rocks in the scale of 1: 5,000,000.

Also, the big works was carried out on drawing up a ground map of URSR cotton-growing zone for the area of 5 million hectares, by edited G. G. Makhov, and

on the consolidated soil-agrochemical map of Polissia and Forest-steppe (sugar-beet zone of the Ukrainian SSR) at a scale of 1: 400,000.

These large-scale works from composition of soil-agrochemical maps of sow's zone of beets of URSR characterize a new stage in the development of soil expert, as had practical advices on the use of fertilizers are observed in it. The scientific value of these works increased by the fact, that they were accompanied by researches of the effective from applies of fertilizers on soil specific withdrawal.

In the works from cartography of soils take part of famous scientists-soil expert: N. Vernander, G. Gryn', M. Krupskyi, Ye. Lavrenenko, S. Sobolev, O. Grinchenko, S. Muravlianskyi, O. Sokolovskyi and others.

The methodological principles of the research are based on the general scientific principles of historicism, objectivity, which provide of objective description and analysis of events and phenomena on the basis of scientific and critical study of various sources.

Key words: *cartography, map of soils, soil-agrochemicals map, research of soils, agriculture.*