

STUDYING THE RESEARCH RESULTS REGARDING FERTILIZERS USED IN THE REPUBLIC OF MOLDOVA

Tamara Leah^a, Igor Povar^{b*}, Tudor Lupascu^b, Serafim Andrieș^a, and Vladimir Filipciuc^a

*^aInstitute of Pedology, Agrochemistry and Soil Protection "Nicolae Dimo", 100 Ialoveni str.,
Chisinau MD-2070, Republic of Moldova*

*^bInstitute of Chemistry, Academy of Sciences of Moldova, 3 Academiei str., Chisinau MD-2028, Republic of Moldova
E-mail: ipovar@yahoo.ca, phone: +(373 22) 73 97 36

Abstract. This paper represents an analysis of the research concerning the use of fertilizers and nutrients balance in the soils of the Republic of Moldova. The nature and effectiveness of fertilizers, their influence on the agrochemical properties of soils, the protection of the environment from the pollution by nutrients in addition to the regulatory normatives of our country developed in order to determine the necessary in fertilizers for obtaining the expected crops have been as well discussed.

Keywords: active substance, fertilizer, humus balance, pollution, soil protection.