

RESEARCH REGARDING THE INFLUENCE OF SOME ORGANIC PRODUCTS ON YIELD AT POTATO IN ENVIRONMENTAL CONDITIONS OF ASTRA TRIFESTI SRL, IAȘI

Marius Cornel ANTONESCU¹, Teodor ROBU ¹, Mihai TĂLMACIU ¹, Cristina ANTONESCU ¹
Marius Sorin ZAHARIA ¹

Email: antonescu_marius_cornel@yahoo.com

Abstract

The experience was located in 2011 in the Trifesti village, Bivolari microzone who are in an area with temperate climate and is characterized by cold winters and hot summers, with irregular winds, most common in north-west and north - winter and southeast and east - especially in spring, with sufficient rainfall - especially in early summer It was installed on trifactorial experiences in 3 repetitions of the type 4Ax3Bx2C, being studied five varieties of potato.

In this paper we present partial results of three varieties Factors are studied, A Factor – Foliar fertilizing, with graduations, a₁- not fertilized, a₂ – NPK, a₃- ECO 1, a₄- ECO 2, B Factor– Foliar fertilizing: b- Adora A, România, variety, b₂ - Volumia E, Olanda, variety, b₃- Red Scarlet A, Factorul C – vegetation treatment with organic herbicide: c₁- treatment with Novodor (4l/ha), c₂ treatment with NeemAzal (2l/ha).

The analysis of data, it was found that the three varieties, Adora A, România –Volumia E, Olanda, Red Scarlet A, România, behaved positively registering positive differences from not fertilized variant.

Key words: fertilisation, yields, potato

¹ USAMV Iași