

Abstract

In this paper we propose to determine the number of tubers / nest from three potato varieties grown in organic conditions Bivolari micro area, village Trifesti The experience was located within Agricole Society Trifesti Astra, company standard of agriculture in Romania. From a climate perspective, the area is characterized by cold winters and hot summers. 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 fertiliozing : b- Adora A, România, variety, b₂ - Adora E, Olanda, variety, b₃- Velox 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, variety, b₂ - Adora E, Olanda, variety, b₃- Velox A, România, behaved positively registering positive differences from not fertilized var.

Key words: fertilisation, nest, potato