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UCT Journal of Research in Science, Engineering and Technology

UCT. J. Resea. Scien. Engineer.Techno. (UJRSET)

08-11 (2016)

Volume 4 ,Issue 2

ISSN 2382-977X

Relationships between yield and potato affected by different levels of bio-fertilizer "AL-ziest" Chemical Oral- Even

Sevda Shenavaee Asl[1&2] and Afshin Mehrang Sarikhanbeglo[1&2]

1Department of Agriculture, Ardabil Science and Research Branch, Islamic Azad University, Ardabil, Iran
2Department of Agronomy and Plant Breeding, Ardabil Branch, Islamic Azad University, Ardebil, Iran

Original Article:

Received 05 March. 2015 Accepted 08 May. 2016 Published 10 June. 2016

ABSTRACT

In order to evaluate yield and yield components of potato, affected by different levels of bio-fertilizer "AL-ziest" and chemical fertilizers Oral-Even factorial experiment in a randomized complete block design with two factors , the first factor of four level of bio-fertilizer "AL-ziest" (A1 = control, A2 = 100 ml, A3 = 150 ml, A4 = 200 ml), and the second factor in four levels of chemical fertilizer Oral-Even (B1 = control, B2 = 60 g; B3 = 80 g, B4 = 100 g) with three replications for foliar in Ardy village located in the city of Ardabil in 1393 was carried out. The results showed a correlation between: the number of main stems per plant and the number of tubers per plant, tuber weight per plant, total tuber yield and salable tuber yield and number of tubers per plant and the number of main stems per plant, tuber weight per plant and total and salable tuber yield was significant at probability level. Weight of tubers per plant and the number of main stems per plant, number of tubers per plant, tuber weight and total tuber yield and marketable had a significant positive relationship. As average tumor weight by weight of tubers per plant, total tuber yield and salable tuber yield significant at 1%. Total tuber yield and salable tuber yield with number of main stems per plant, number of tubers per plant, tuber weight per plant, tuber weight and a significant positive correlation indicates that the probability of a percent.

Keyword:
Potatoes, Yield and Yield components, bio-fertilizer, fertilizer, Correlation

*** Corresponding author:** *Sevda Shenavaee Asl*

Peer review under responsibility of **UCT Journal of Research in Science, Engineering and Technology**