

COST BENEFIT RATIO OF INFECTED TOMATO YIELD BY FUSARIUM WILT DISEASE

HUSSEIN ALI SALIM & BASHEER NSAIF JASIM

Directorate of Diyala Agriculture, Ministry of Agriculture, Baquba, Iraq

ABSTRACT

The present investigation was carried out under Bio-net house conditions in the pots in SHIATS, Allahabad, India to evaluate number of fruits per plant and five fruits per replicate (g) and cost benefit ratio of yield by using solarized and unsolarized soil, Neem cake powder and carbendazim 50 % W.P with six treatments and five replications. The results from the study showed that the treatments Carbendazim followed by Neem cake with Carbendazim were significantly increased in the number of fruits per plant (8.40, 8.15) respectively at 150 days, the treatments Carbendazim followed by Neem cake were significantly increased in the five fruits per replicate (g) (148.70, 143.80 g) respectively at 125 days, the treatments Carbendazim with solarized and unsolarized soil followed by Neem cake were recorded the highest cost benefit ratio and incremental cost benefit ratio with (1:4.02, 1:2.57 and 1:2.29) respectively.

KEYWORDS: Tomato Soil, Solarized Soil, Carbendazim, Neem Cake and Solarized