

Pathogenetic viruses of potato in Iran

Gh. Moşahebi and M. Okhovat

Dept. of Plant Protection, College of Agriculture, Tehran University, Karaj.

In this paper some of strains of potato viruses which are isolated of Iranian potato cultivars and their damage symptoms are explained.

These viruses are as follows:

Potato Virus Y(PVY), Potato Virus X(PVX), Alfalfa Mosaic Virus (AMV), Potato Virus S(PVS), Potato Virus M(PVM) and Potato Leaf Roll Virus (PLRV).

significant effect on the tuber yield production. In the depleted soils (Isfahan farm), K=250 Kg/ha (the highest treatment) showed a significant difference with other treatments, but in the soil with high amounts of available K (Ardabil experimental farm), there were no significant difference among treatments, but they showed significant difference with control plots(K=0). Percentage of K in the tuber were increased with increasing amount of K-fertilizer in all studied farms. But percentage of protein and starch didnot show any specific trend, It is suggested in all studied soils of Iran.