



## RESEARCH ON THE IDENTIFICATION OF A POTATO VIRUS INFECTION IN THE RĂCARI AREA CERCETARI PRIVIND UN VIRUS LA CARTOFI IN ARIA RACANI

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The economic importance of the potato viral diseases is related to the qualitative and quantitative decrease in the yield of the infected plants. According to the infection time, the highest loss is recorded in the secondary-infected plants (plants grown from the previous year's tubercles), compared to the lowest loss in late primary-infected plants (infected over the cropping year). The loss level increases together with the increase in the number of infected plants. It is important to note that, if the appropriate technology is applied, the healthy plants growing near the infected ones may compensate for a part of the loss recorded in the latter; nevertheless, this compensation is efficient only in the case of crops with a relatively low number of infected plants. Regarding the viral infection degree, the phytosanitary condition of the planting material is tested both in pre-crop and post-crop.