



CERCETĂRI PRIVIND ROLUL CONDIȚIILOR
METEOROLOGICE ASUPRA ZBORULUI AFIDELOR
VECTOARE DE VIRUSURI, LA CULTURA DE CARTOF
PENTRU SĂMÂNȚĂ DE LA S.C.D.A. SUCEAVA (1997 – 1999)
RESEARCH ON THE ROLE OF THE FLIGHT WEATHER
CONDITIONS APHIDS VECTOR VIRUSES, THE CULTURE OF
POTATO SEED OF SCDA SUCEAVA (1997 - 1999)

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The potato yielding qualities are directly influenced on the planting genetic material quality . Majority of the species aphids which convey the potato viruses in the northern part of Suceava Plateau are developed on the different hostess.

The climatic conditions, have the main role upon the aphids flying frequencies (total species), The meteorological conditions influenced the aphids multiplying and their easy movement. It was studied 6 aphids species like as:. *Myzus persicae*, *Aphis frangulae*, *Aphis nasturtii*, *Aphis fabae*, *Acyrtosiphon pisum* și *Rhopalosiphum* sp.. The achieved determinations during three years, emphasize that the flying aphids had a high frequency in the years 1997 – 1999, when the medium temperatures from the second decade of the June and the first half of July were much more on 18o C. In that period the pluvial moisture level (i.u.p.) did not exceed on two times the rainfall needful.