

THE INFLUENCE OF THE CLIMATIC CONDITIONS WHICH CONTRIBUTE TO THE EMERGENCE OF THE HIBERNATE ADULTS OF THE COLORADO BEETLE (*LEPTINOTARSA DECEMLINEATA* SAY) AT SUCEAVA

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Abstract

The reduced quantity of rainfall in the period preceding the emergence of the hibernate adults correlated with the mild and gradual warming of the soil and with the growth of the shining period of the sun it makes that their emergence to be made with a few days earlier until two weeks.

From a total of 25 emergences in the year 1976-1995 and 2005-2009, 68% from these were produced in April and only 32% in May. During 1976-1991 the tendency of emergence of the hibernate adults was towards the end of April and the first decade of May, following that in the last 10-15 years due to the general global warming, the apparition of the hibernate adults to be produced earlier, respectively the decade second and third of April.

Key words: hibernate adults, low temperatures, emergence date

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