

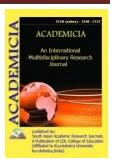
ISSN: 2249-7137 Vol. 11, Issue 3, March 2021 Impact Factor: SJIF 2021 = 7.492



## **ACADEMICIA**

An International Multidisciplinary Research Journal

(Double Blind Refereed & Peer Reviewed Journal)



DOI: 10.5958/2249-7137.2021.00579.6

## PROSPECTIVE METHODS OF USING ENTOMOPHAGES IN THE PROTECTION OF VEGETABLE CROPS FROM APHIDS IN KARAKALPAKSTAN

Utepbergenov Adilbay Reymbaevich\*; Satbaeva Rimma Sarsenbaevna\*\*;

Joldasbaev Edilbay Markhabaevich\*\*\*

\*Associate Professor, Candidate of Agricultural Sciences, Nukus branch of Tashkent State Agrarian University, UZBEKISTAN

\*\*Doctoral Student of Nukus Branch (PhD), Tashkent State Agrarian University, UZBEKISTAN

\*\*\*1<sup>st</sup> year Master Degree Student Nukus branch of Tashkent State Agrarian University, UZBEKISTAN

## **ABSTRACT**

The article presents the types of aphids that develop in and damage vegetable and melon crops in Karakalpakstan, the type of crop that each species develops in, the period of coming to the field, the damage and the criteria for economic damage. The biological efficacy was determined after application of natural predators, vermins, and laboratory-bred golden eyed entomophagous in the control of aphids, and the technology of application of this predator was studied.

**KEYWORDS:** Sucker, Pest, Entomophagous, Predator, Vermin, Biolaboratory, Biological Efficiency, Economic Damage Criterion, Migration.

## **LIST OF USED LITERATURE:**

**1.** Toreniyazov E.Sh. Pest species in Karakalpakstan, control system // Nukus branch of TSAU, materials of scientific-practical conference.- Nukus: Miraziz Nukus, 2013.-P.51-52.



ISSN: 2249-7137 Vol. 11, Issue 3, March 2021 Impact Factor: SJIF 2021 = 7.492

**2.** Toreniyazov E.Sh. The main pests of vegetable and melon crops, the dynamics of development and damage // Nukus branch of TSAU, materials of the scientific-practical conference.- Nukus: KSU, 2014.-P.74-76.

**3.** Khojaev Sh.T. Modern methods and means of combined protection of plants from pests. Tashkent: Navhóz, 2015.-P.110-116.