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ANALIZA POJAVE LEPTIRA *Agrotis segetum, A. exclamationis* I *Hyphantria cunea* TOKOM 2018, 2019. I 2020. GODINE I PROGNOZA ZA 2021. U BAČKOJ

Dragan Vajgand

Agroprotekt doo, Sombor, www.agroupozorenje.rs

E-mail: vajgandd@sbb.rs

Izvod

Leptiri pomažu oplodnju biljaka. Gusenice se hrane biljem i u slučaju prenamnoženja mogu praviti štete na gajenom bilju. U radu prikazani su rezultati praćenja brojnosti i dinamike leta leptira vrsta *Agrotis segetum, A. exclamationis* i *Hyphantria cunea* pomoću svetlosne klopke tip RO Agrobečej u Somboru i Čelarevu tokom perioda od 2018. do 2020. godine. Analizirane su vremenske prilike tokom istraživanog perioda. Na osnovu prikupljenih rezultata saopštena je pozitivna dugoročna prognoza za 2021. godinu svih navedenih vrsta. Prva generacija gusenica svih vrsta će biti brojnija nego prošle godine. Predviđa se potreba za suzbijanjem gusenica prve generacije *A. segetum* i *A. exclamationis* na kasnije posejanim kukuruzima, te na paprici, paradajzu, bostanu i kupusima koji se rasađuju krajem maja i početkom juna. Gusenice prve generacije *H. cunea* će se morati suzbijati u zasadima oraha, leske, šljive, višnje, trešnje, duda i na mnogim ukrasnim biljkama krajem maja i početkom juna. Kratkoročna prognoza i signali za optimalno vreme suzbijanja biće saopštavani na sajtu www.agroupozorenje.rs.

Ključne reči: segetum, exclamationis, cunea

Abstract

THE ANALYSIS OF PRESENCE AND ABUNDANCE OF MOTHS *Agrotis segetum*, *A. exclamationis* AND *Hyphantria cunea* DURING 2018, 2019 AND 2020, AND THE FORECAST FOR 2021 IN BAČKA REGION

Dragan Vajgand

Agroprotekt doo, Sombor, www.agroupozorenje.rs

E-mail: vajgandd@sbb.rs

The results of monitoring the number and flight dynamics of butterflies of *Agrotis segetum*, *A. exclamationis* and *Hyphantria cunea* using a light trap type RO Agrobečej in Sombor and Čelarevo during the period from 2018 to 2020 are presented. Weather conditions during the research period were analyzed. Based on the results, a positive long-term forecast for 2021 of all listed species was announced. The first generation of caterpillars of all named species will be more numerous than last year. The need for control of first generation caterpillars of *A. segetum* and *A. exclamationis* on later sown maize varieties, as well as on peppers, tomatoes, melons and cabbages, which are sown in late May and early June, is anticipated. The caterpillars of the first generation of *H. cunea* will have to be controlled in plantations of walnuts, hazelnuts, plums, cherries, sour cherries, mulberries and on many ornamental plants in late May and early June. Short-term forecast and signals for the optimal time of suppression will be announced on the website www.agroupozorenje.rs.

Key words: segetum, exclamationis, Turnip Moth, Heart and Dart Moth, Fall Webworm