

OBSERVATION ON USEFUL AND HARMFUL ENTOMOFAUNA ACCORDING TO SOME TREATMENT APPLIED TO MAIZE SEEDS LOTS FOR HYBRIDATION IN ENVIRONMENTAL CONDITIONS OF ASTRA TRIFESTI SRL IASI

Cristina ANTONESCU¹, Mihai TĂLMACIU¹, Teodor ROBU¹, Marius Cornel ANTONESCU¹
Marius Sorin ZAHARIA¹

Email: antonescu_cr@yahoo.com

Abstract

The research is aimed at achieving a study on harmful and useful Entomofauna in some agricultural crops seed located in the territory of SC Astra Trifesti, Iasi County.

The objectives fall within the current directions of biological research on biodiversity knowledge and different groups of insects in horticultural research on knowledge entomofauna useful and trophic relations established between parasites and their hosts represented by insect pests in agriculture. Mainly these issues will follow the corn seed lots produced in different Socet companies. The research was took place and during 2011, especially Phases of growth 0 – (Sprouting - East) Phases of growth 0,5 - (two leaves fully formed) Phases of growth 1 - (four leaves fully formed) Phases of growth 1,5 - (six leaves fully formed), Phases of growth 2 - eight fully formed leaves), Phases of growth 2,5 -(ten leaves fully formed).

The main pests of this crop are: *Tanymecus dilaticolli*, *Agriotes spp.*, *Scotia segetum Schiff*, *Ostrinia nubilalis Hb*, *Diabrotica virgifera virgifera Le Conte*, *Anoxia villosa L*. The study was conducted in order to track and have followed the main pests of this crop, it was made regular observations directly on the farm. In addition to direct observations on the farm, also harvesting samples and evidence using the beeing method and traps soil type Barber. Specify that in the stationary from the SC Astra Trifesti, Iasi County, samples collected was made from different seed lots in terms of cultivation technology.

Key words: pests, seed cropschemecal tratament

¹ USAMV Iași