

## Tingkat Serangan dan Musuh Alami Spodoptera frugiperda Je. Smith pada Tanaman Jagung di Lima Kecamatan di Kabupaten Banyumas

<b>Title</b>	Tingkat Serangan dan Musuh Alami Spodoptera frugiperda Je. Smith pada Tanaman Jagung di Lima Kecamatan di Kabupaten Banyumas
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<b>Accreditation</b>	
<b>Abstract</b>	<p>The survey of the distribution and damage of the new pest <i>Spodoptera frugiperda</i> is an important activity to determine appropriate control measures. In addition, the search for natural enemies is also needed as an alternative to controlling these pests. The purpose of this study was to determine the level of damage and the types of natural enemies found in several locations in Banyumas Regency. The method used is purposive random sampling in Banyumas Regency in five sub-districts, namely Ajibarang, Baturaden, Gumelar, Kedungbanteng, and Sumpiuh. Observations were made at 08.00-11.00 WIB from March to June 2021. The results showed that the attack rate of <i>Spodoptera frugiperda</i> larvae varied at each observation location. The highest attack rate was in Sumpiuh and Gumelar Districts, followed by Ajibarang, Kedungbanteng and Baturaden Districts. One species of parasitoid was found, namely <i>Apanteles</i> sp. and 9 predators, namely <i>Oxyopes salticus</i>, <i>Dermaptera</i>, <i>Holcocephala</i> sp., <i>Rainieria</i> sp., <i>Orius insidiosus</i>, <i>Dolichoderus</i> sp., <i>Paratrechina</i> sp., <i>Oecophylla</i> sp. and <i>Conocephalus longipennis</i>. At the individual parasitoid level, <i>Apanteles</i> sp. became the most common, followed by the predatory fly <i>Holcocephala</i> sp. and ants <i>Dolichoderus</i> sp., fly <i>Rainieria</i> sp., ladybug <i>Orius insidiosus</i>, <i>Dermaptera</i>, ant <i>Paratrechina</i> sp., ant <i>Oecophylla</i> sp. and the grasshopper <i>Conocephalus longipennis</i>.</p>
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<b>Author</b>	Ir LOEKAS SOESANTO, M.S, Ph. D