



Journal of Central European Agriculture, Volume 6 (2005) Number 2

**EFFECTS OF AZADIRACHTIN ON THE SUNN PEST, EURYGASTER INTEGRICEPS PUT.
(HETEROPTERA, SCUTELLERIDAE) IN THE LABORATORY**

Müjgan KIVAN

1Trakya University, Faculty of Agriculture, Department of Plant Protection, 59030 Tekirdag, Turkey
e-mail: kivan@tu.tzf.edu.tr or mujgankivan@hotmail.com, Tel: +90-282.2931442, Fax: +90.282.2931454

ABSTRACT

To investigate the effect of azadirachtin on different stages of the sunn pest, *Eurygaster integriceps* Put. (Het., Scutelleridae) in the laboratory, a commercial neem insecticide (NeemAzal T/S) was applied at dose of 0.5 % by dipping insects. No effect was observed for 1. instar nymphs at 1 day after application, although adults had slightly effect (20 %). Adults and nymphs were influenced 7 days after the treatment and mortality rates for adults and nymphs were recorded 44.0 and 51.9 %, respectively. The hatching of treated eggs was reduced than control. These results indicate that NeemAzal T/S may be used in integrated sunn pest management, but should be evaluated for field efficacy.

The sunn pest, *Eurygaster integriceps*, azadirachtin, pest control

[Back to contents](#)

Copyright © 1999-2004 JCEA - Journal of Central European Agriculture (ISSN 1332-9049). All rights reserved. [Legal information](#).