Indian J. Trop. Biodiv. **21(1&2)** : 113-116 (2013)

TESTING OF BIO-EFFICACY OF A NEW MOLECULE, OBERON 240 EC (SPIROMESIFEN 240SC) AGAINST BROAD MITES, *EUSEIUS* SP. (FAMILY: PHYTOSEIIDAE) IN *JATROPHA CURCAS*

DOMAN SINGH TEKAM, JAYALAXMI GANGULI[1], R.N. GANGULI AND SHIV. K. SHRIVASTAVA

Department of Entomology, College of Agriculture,
Indira Gandhi Krishi Vishwavidyalaya, Raipur (Chhattisgarh)
[1]Corresponding author : jayaganguli@yahoo.com

ABSTRACT: Testing of bio-efficacy of the new molecule, Oberon 240EC (Spiromesifen 240SC) against broad mites, conducted at the Agro-Forestry Research farm, College of Agriculture, I.G.K.V., Raipur, during December 2011 to June 2012 resulted, propargite 570 EC (Oomite 570 EC) @/570 g.a.i./ha (T5) as the best treatment as far as minimum percent of damaged leaf was concerned. However, as far as maximum mortality of broad mites was concerned, Spiromesifen 240 SC (Oberon 240SC) @ 120 g.a.i/ha (T4) proved to be the best treatment, as it recorded maximum percentage of mortality of 41.01%, and 66.12% at 14 days, and 35days and after treatment respectively.

Keywords : *Chemical control, Insect pcots, acacicides*