



**Studies of Some Triaza Heterocycles on the Germination of Green Gram
(*Phaseolus aureus* Roxb) and Soya bean (*Glycine max* Merril)**

Deelip K. Swamy¹, M.V. Deshmukh² and Sheetal V. Palande^{3*}

1. Department of Chemistry, Pratibha Niketan Mahavidyalaya, Nanded, Maharashtra, **INDIA**

2. P.G. Department of Chemistry, Science College, Nanded, Maharashtra, **INDIA**

3. Department of Chemistry, VIVA College, Mumbai, Maharashtra, **INDIA**

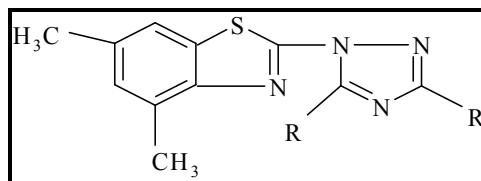
Email: palandesheetal@gmail.com

Accepted on 8th July, 2018

ABSTRACT

Present investigation deals with bio assaying of synthesized Benzothiazolyl triazoles compounds namely 1-(4,6-dimethylbenzothiazolyl)-3,5-alkyl. The compounds were used to find out their plant regulatory activity in the confined environment of laboratory. Experiment was undertaken to investigate their effect on germination of seeds of two plants viz. of Green gram (*Phaseolus aureus* Roxb) and Soya bean (*Glycine max* Merril).

Graphical Abstract



Heteryl 1,2,4-1H triazole.

Keywords: Benzothiazolyl triazoles, 1-(4,6-dimethylbenzothiazolyl)-3,5-alkyl/aryl, plant regulatory activity, seed germination.
