

## **Efficacy of New Post Emergence Herbicides in *Rabi* Maize (*Zea Mays* .L)**

**A Chandrakanth, B Pramila Rani, M Sree Rekha and P Madhu Vani**

Department of Agronomy, Agricultural College, Bapatla, A.P.

### **ABSTRACT**

A field experiment was conducted at Regional Agricultural Research Station, Lam, Guntur, A.P during *rabi* 2017-18 to study the efficacy of new post emergence herbicides on weeds in maize. Among the post emergence herbicides tested, tembotrione @ 100g a.i ha<sup>-1</sup> , topramezone @ 25 g a.i ha<sup>-1</sup> and nicosulfuron @ 700 ml ha<sup>-1</sup> were found to be on par with each other. Any of these three post emergence herbicides appear to be an effective alternative for manual weeding as the return from each rupee invested has given higher benefit than that achieved with hand weeding.

**Key words:** *Economics, Maize, Post-Emergence herbicides.*