

# **Response of direct Seeded Rice (*Oryza sativa* L.) to Integrated Weed Management Practices**

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## **ABSTRACT**

A field experiment was conducted at Agricultural College Farm, Bapatla during *Kharif* 2016 to study the response of weeds indirect seeded rice to some new generation herbicides applied as alone or in sequence or in a integrated practice. Results of the experiment revealed that application of pendimethalin + pyrazosulfuron ethyl @ 920 g a.i ha<sup>-1</sup> as pre emergence at 1 to 2 DAS *fb* manual weeding at 20 DAS *fb* halosulfuron @ 35 g ha<sup>-1</sup> as post emergence at 35 DAS (T<sub>10</sub>) was found to be effective in controlling weeds and enhancing the yield of direct seeded rice without any crop injury and was on par with other integrated weed management practices and also with hand weeding.

**Key words :** *Direct seeded rice, integrated weed management, New generation herbicides*