

**Poster**

**POOR CONTROL OF WEEDS BY BISPYRIBAC SODIUM 100G/L SC  
IN SRI LANKA**

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**ABSTRACT**

Bispyribac sodium is reported to be an ineffective herbicide against certain weeds during the last few years. It has been discussed at many forum that certain herbicides were unable to control weed species such as *Cyperus iria*, *Cyperus pulcherimus*, *Echinochloa crusgalli* and *Ischaemum rogosum*. The objective of this preliminary study was to identify development of resistance of weeds to Bispyribac sodium 100 g/l SC. Pot experiments were conducted in *Maha* 2014/2015 season for four weed species at Rice Research and Development Institute, Batalagoda. Weed seeds and field history of previous herbicide application were collected from farmers' fields at Anamaduwa and Batalagoda where the problem was reported. Equal portion of weed seeds were sown to each pot and maintained under optimal conditions. Four concentrations of Bispyribac sodium' zero, 300 ml/ha (recommended dosage), 375 ml/ha and 450 ml/ha 100g/l SC were applied and pot were submerged at 3 days after herbicide application. *Cyperus iria* and *Cyperus pulcherimus* were poorly controlled by Bispyribac sodium 100g/l SC at the recommended dosage of 300 ml/ha.