



## Yield and quality of bajra napier hybrid as influenced by weed management practices

**Swathy A. H.\* and Usha C. Thomas**

College of Agriculture, Vellayani-695522, India

\*Corresponding author e-mail: swathyaniya546@gmail.com

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### Abstract

This study aimed to standardize an economic weed management strategy for bajra napier hybrid and carried out during 2019-20 at College of Agriculture, Vellayani, Kerala. The experiment was laid out in randomized block design (RBD) with 9 treatments in three replications. Data showed that weed management practices had significant effect on weed characters *viz.*, weed count, density, dry weight and weed control efficiency (WCE) as well as on crop characters *viz.*, plant height, leaf area, number of tillers, leaf stem ratio, tussock diameter, green fodder yield, dry fodder yield and crude protein content. The treatment of oxadiargyl 90 g ha<sup>-1</sup> on 3-5 DAP followed by (fb) hand weeding (HW) on 25-30 days after planting (DAP) recorded the lowest weed count, density, dry weight, weed index (WI) and the highest WCE with fodder yields, and recommended for adoption.

**Keywords:** BxN hybrid, Fodder quality, Fodder yield, WCE, Weed index