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RESEARCH PAPER

Effect of irrigation and tillage practices on yield and economics of fodder maize (*Zea mays*)

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Abstract : A field experiment entitled irrigation and tillage practices for fodder maize (*Zea mays* L.) in rice fallows was undertaken at the Department of Agronomy, College of Horticulture, Kerala Agricultural University conducted during 2012-2013. The treatments comprised of no irrigation (with residual moisture), irrigation at IW/CPE: 0.4, irrigation at IW/CPE: 0.7, irrigation at IW/CPE: 1.0 in main plots and zero tillage (with herbicide), minimum tillage and conventional tillage in sub plots. The experiment conducted showed that green fodder yield was highest under irrigation at IW/CPE: 1.0 and zero tillage (with herbicide). B: C ratio also followed the similar trend as yield.

Key Words : Yield, Maize, Fodder, Economics

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