

# **Response of Aerobic Rice to Sub Surface Drip Fertigation**

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## **ABSTRACT**

A field experiment was carried out for two consecutive years (2012-13 and 2013-14) on a sandy loam soil of Jain Hi-Tech Agri Institute, Jalgaon, Maharashtra with an objective to study the response of aerobic rice to sub surface drip fertigation. In aerobic rice, plant height, number of tillers m<sup>-2</sup> and drymatter production at all the stages of observation were significantly the highest with irrigation schedule at 175% Epan compared to that of 100% Epan. All the growth parameters and yield viz., plant height, drymatter accumulation and yield increased with the increase in N level from 90 to 180 kg N ha<sup>-1</sup> and maximum values were registered with 180 kg N ha<sup>-1</sup>.

*Key words: Aerobic rice, N Fertigation, Sub surface drip irrigation.*