



Beneficial effects of Blue- Green Algae and *Azolla* in rice culture

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Abstract

Pot experiments were conducted to evaluate the potentiality of *Azolla* and Blue Green Algae as biofertilizers for rice productivity. Blue Green Algae inoculation increased grain yield by 15% and straw yield by 11%, *Azolla* showed increment by 26% in grain yield and by 20% in straw yield. *Azolla* and Blue Green Algae showed considerable increase in the N-content of soil, grain and straw. *Azolla* double incorporation was found more effective than other methods of application.

Keywords: *Biofertilizer, Blue-Green Algae, Azolla, Rice*

