


[DOWNLOAD](#)


## Cyanobacteria in South Asia

By Abdul Aziz, Md.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Effect Of Cyanobacteria On The Soil Fertility And Reclamation Of Soil Salinity | An experiment was carried out on the saline soil of Satkhira during the aman season of 2000 in order to test the effectiveness of the produced cyanobacterial inoculum on rice yield, soil fertility and soil salinity. The modern rice variety BRRI dhan 31 was used as the test crop. There were six treatments for the experiment viz. T1 (control), T2 (RFD), T3 (RFD-20%N), T4 (RFD-20%N + Cyanobacteria), T5 (RFD-40%N) and T6 (RFD-40%N + Cyanobacteria). Eight cyanobacterial strains were isolated, identified and brought under pure unicyanobacterial cultures from the selected location. Out of eight isolates, only five isolates were fast growing and four isolates were capable of fixing high nitrogen. The fast growing isolates did not always show high nitrogen fixing capacity. Among the isolates, growth rate and nitrogen fixation capacity were high in Anabaena, Scytonema and Westiellopsis and these isolates were selected for biofertilizer production. The experiment was laid out in Randomized Complete Block Design with 4 replications of each treatment. Cyanobacterial inoculum was applied at the rate of 20 kg/ha in two equal splits-7 and 30 days after transplanting....



[READ ONLINE](#)  
[ 9.04 MB ]

### Reviews

*Complete guide! Its such a good go through. It is rally fascinating throug reading period of time. Its been written in an extremely basic way and is particularly only after i finished reading through this publication through which really changed me, change the way i really believe.*

-- Mrs. Macy Stehr

*This book is very gripping and fascinating. Yes, it is play, nonetheless an interesting and amazing literature. I found out this ebook from my dad and i recommended this pdf to discover.*

-- Lavada Nikolaus