



Isolation and Characterization of Rhizobium and Azospirillum

By Noshin Ilyas

LAP Lambert Academic Publishing Jun 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x14 mm. Neuware - Present study was aimed at isolation and biochemical characterization of Rhizobium and Azospirillum strains from roots and rhizospheric soil of wheat and maize (at tillering and anthesis stage) growing under different moisture regimes in the field and under induced water stress in pots. The survival efficiency as measured by log cfu/g, carbon/nitrogen utilization pattern determined by QTS, random amplification of polymorphic DNA analyses, phytohormone production and 16sRNA sequence analysis were done for isolated strains. The efficiency of isolated strains to promote plant growth and development was tested under induced water stress conditions in reinoculation studies. Rhizobium and Azospirillum isolated from arid field and induced water stress in pots showed the potential to serve as inocula to promote growth and yield of plants grown in moisture deficit soil. 236 pp. Englisch.



READ ONLINE
[2.18 MB]

Reviews

This is the finest book i have got study till now. It usually does not price a lot of. I found out this publication from my i and dad encouraged this book to understand.

-- **Jamil Collins**

Absolutely among the best book I have possibly go through. I have go through and that i am certain that i am going to gonna read through once again again in the future. I am just delighted to tell you that this is basically the finest book i have got go through within my personal existence and could be he finest book for ever.

-- **Brian Bauch**