Fig. 3. Screening of nitrifying bacteria using microtiter plate method
Fig. 4. Contd.,

- Catalase Test
- Starch hydrolysis
- Phosphate Solubilization Test
- Chitinase Test
Fig. 4. Biochemical Characterization of *B. cereus*.

Citrate Utilization Test  Arginine Dihydrolase Test

[Images of test tubes showing results of biochemical tests]

Denitrification Test  Sugar Fermentation Test
Fig. 31. Molecular weight determination of NOR by SDS PAGE

Lane A: Molecular weight of standard markers
Lane B: Purified enzyme
Fig. 30. Molecular weight determination of AMO by SDS PAGE

A

B

Lane A: Molecular weight of standard markers
Lane B: Purified enzyme sub units
Fig. 32. *In vivo* trials of *B. cereus* on plant growth promotion