LIST OF TABLES

Table 1. Characteristics of the soil used in the experiment.

Table 2. Population of bacterial isolates from the rhizosphere and non-rhizosphere soil samples of foxtail millet at different days of crop growth (pot cultures).

Table 3. Nitrogen fixation (mineral salts medium) by different isolates from rhizosphere and non-rhizosphere soil samples of foxtail millet.

Table 4. Morphological and biochemical characteristics of nitrogen-fixing bacteria isolated from the rhizosphere and non-rhizosphere of foxtail millet.

Table 5. Nitrogen fixation by three selected isolates of diazotrophic bacteria isolated from the rhizosphere of foxtail millet.

Table 6. Distribution pattern of seeds (1000) of foxtail millet based on weight.

Table 7. Nitrogen fixation by three selected isolates of bacteria in WAT medium (-C, -N) inoculated to Lepakshi Variety of foxtail millet in spermosphere model.