Claims

1. Use of a bacterium belonging to Bacillus species wherein the bacterium is isolated *Bacillus subtilis* ssp. *shriramensis* having the accession number MTCC-5674, a pure culture of the bacterium, or a composition comprising the bacterium in the manufacture of a medicament for the treatment or prevention of microbial or fungal infections caused by human pathogens selected from a group consisting of *Penicillium* ssp., *Aspergillus flavus, and Aspergillus niger* , wherein the medicament is for inhibiting the growth of human pathogens selected from a group consisting of *Penicillium* ssp., *Aspergillus flavus and Aspergillus niger*.

2. A bacterium belonging to Bacillus species wherein the bacterium is isolated *Bacillus subtilis* ssp. *shriramensis* having the accession number MTCC-5674, a pure culture of the bacterium, or a composition comprising the bacterium, whenever used for the preparation of an antifungal and plant growth promotion composition for inhibiting the growth of plant microbes causing disease, selected from a group consisting of, fusarium wilt, sheath blight, sheath rot, anthracnose, turcicum blight and charcoal rot in plants, wherein the bacterium or the composition exhibits antifungal activity against the plant microbes causing disease selected from a group consisting of, fusarium wilt, sheath blight, sheath rot, anthracnose, turcicum blight and charcoal rot in plants, and plant growth promoting activity.

3. The use as claimed in claim 1, or the composition when used as claimed in claim 2, wherein the composition comprises $5x10^5$ cfu/ml to $5xl0^7$ cfu/ml of the bacterium.

4. The composition when used as claimed in claim 2 or claim 3, further comprising one or more antimicrobial and/or antifungal and plant growth promoting agents.

5. The composition when used as claimed in any one of claims 2 to 4, further comprising an agriculturally acceptable carrier.

6. The use as claimed in claim 1 or 3, further comprising one or more antimicrobial and/or antifungal agents.

7. The use as claimed in any one of claims 1, 3, or 6, wherein the microbial or fungal infections are skin or lung infections.