like in i) Potato ~~tuber~~ treated seed with antagonists, 5.33% increase in yield.
ii) Treated sugarbeet → 4-6 tons increase in yield. iii) Raddish Treated seeds increase in yield 60-144%.

⇒ These bacterial antagonists effectively control
i) Pythium 2) Phytophthora 3) Fusarium
iv) Rhizoctonia v) Gaeumanomyces

⇒ Bacillus cereus strain UW85 control Damping off & legume diseases.

⇒ Pseudomonas fluorescence & Pantoea effectively control seedling death & by using these both 200kg/per acre yield increase

Root knot nematodes are effectively controlled by Pasteuria penetrans.

⇒ Aerial borne diseases

Epiphytic bacteria +ve & -ve
+ve = Bacillus, Lactobacillus; ~~Corynebacteria~~ corynebacteria
-ve : Erwinia; pseudomonas; Xanthomonas.
eg → Fire blight of Apple caused by Erwinia amylovora controlled by Erwinia herbicola.
→ Leaf strak of Rice Disease caused by Xanthomonas translucens controlled by

spraying of epiphytic bacteria Pseudomonas & Erwinia spp. (trans)

→ Spray of Pseudomonas florescence on Fungal leaf spot diseases Drechslera

→ Bacillus subtilis control Apple leaf scar caused by Nectaria galligera

→ Similarly on Peanuts & Tobacco plants aerial spray of Pseudomonas cepacia or Bacillus spp effectively control leafspot diseases of Peanuts & tobacco: like Cercospora leaf spots of peanuts

⇒ Biocontrol of Postharvest Diseases by Bacterial Antagonists

→ Sol. of Pseudomonas bacteria spp & dipping citrus fruit in it can effectively control Penicillium Green mold

→ Sol. of Pseudomonas spp & dipping pear in it control pear rot.

→ Pseudomonas syringae (commercial product BIO-SAVE) spore suspension dipping controls stone fruit decay of Apple, pear, cherry, plum & brown rot of stone fruits (Monilinia fructicola) control by P. subtilis

⇒ Some viral parasites also present which reduce plant pathogens like Bacteriophages (viruses) phaging bacteria effective against bacterial disease.

⇒ Some viruses like Tobacco mosaic virus by using their mild strains.

Cross protection: in which viruses are controlled by applying their own mild strains.

⇒ Satellite RNA (Sat-RNA) spray compete with viruses when applied.