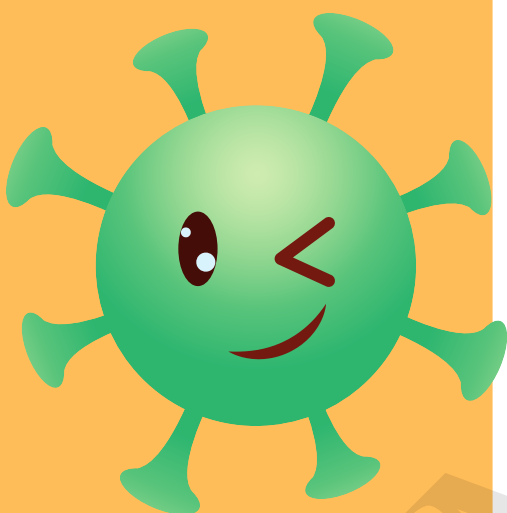




# Ranadey

## Balance between Good & Bad Microbes in the Soil



### Good Microbes/Probiotic

- Help in nutrient cycling
- Break-down of crop residues
- Stimulate plant growth
- Keep pathogenic bacteria in control

Examples:

Nitrogen Fixers/Diazotrophs  
Phosphorus Fixing Microbes  
Actinomycetes

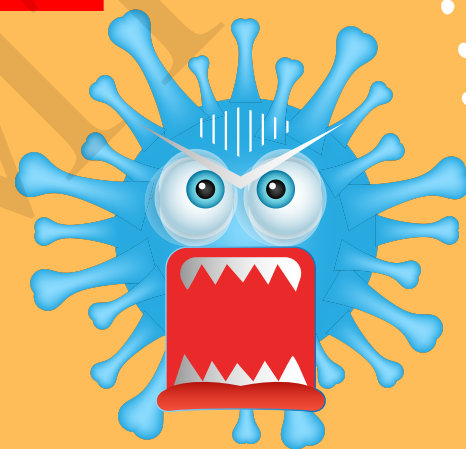
### Pathogenic/Proteobiotic



- Can be infectious to people
- Bad for soil health.
- Source is from municipal waste, sewage and poorly decomposed manures.

Examples:

Salmonella, Shigella, Coliforms (E.Coli), some species of Psudomonas



### Good microbes should overpower Bad microbes in Productive Soils

- Less parasitic infection & root diseases
- Good soil structure & nutrient availability
- Less build-up of toxic compounds.



## CHECK TO SEE HOW HEALTHY YOUR SOIL IS!

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