

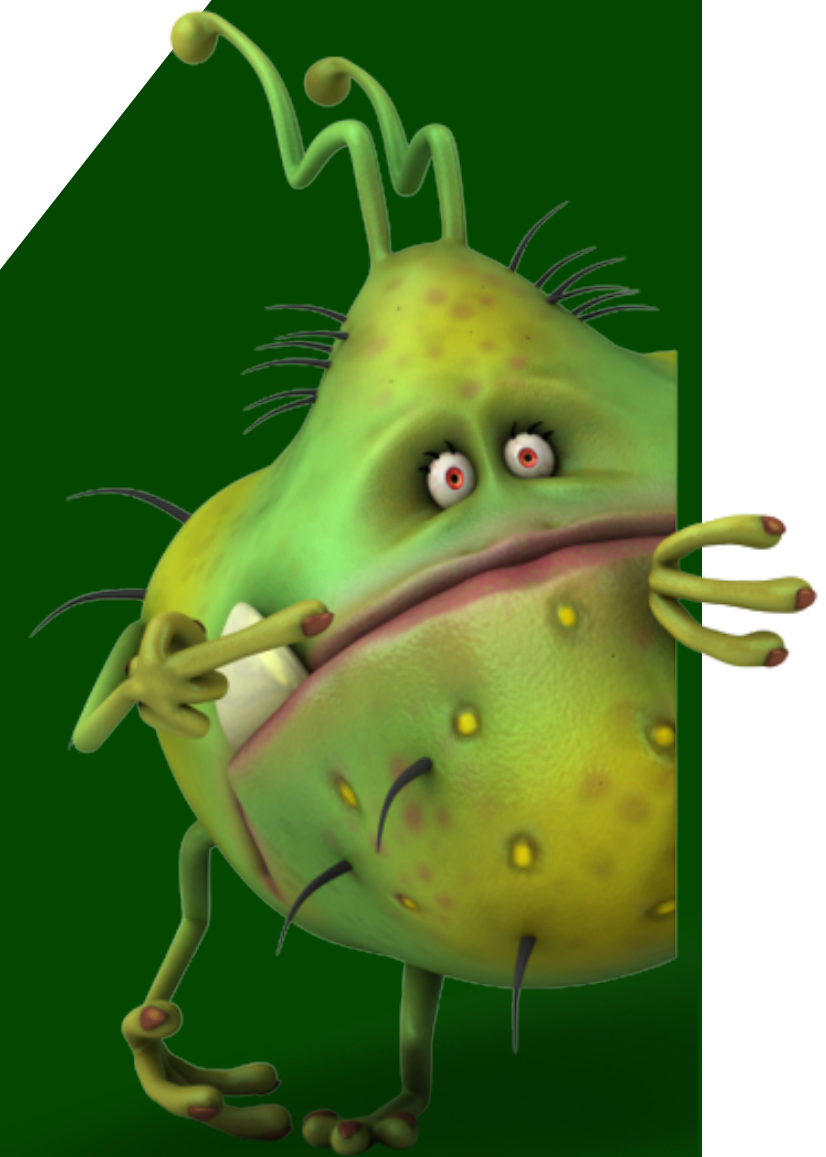


MICROBES IN HOUSEHOLD PRODUCTS

PRESENTATION

MICROBES :

- **Microbes are the organism which can not be seen in naked eye. They can be seen under microscope.**
- **Microbes are found in all habitat. They may be protozoans, fungi, bacteria or virus.**
- **Most of microbes are usefull to human beings. They are used in daily life in house hold products.**



Uses ?

- **Curd** : curd is formed by adding small amount of curd to milk.

Lactobacillus bacteria and Lactic acid Bacteria (LAB) present in starter multiplies in suitable temp and converts milk in to curd.



Uses ?



Uses ?



Uses ?



Uses ?



Uses ?



Uses ?

- Antibiotics :
 - *Penicillium notatum*



Uses ?

- **Organic acids:** The organic acids are extracted by microbes.
 - Citric acid → fungi *Aspergillus*
 - Acetic acid → bacteria *Acetobacter*
 - Lactic acid → *Lactobacillus*
- **Enzymes:** Enzymes like lipases, proteases and glucose are derived from microbes.

Thank You

