**WATER TREATMENT.**

**Methods of treating water on the farm**

* Boiling
* Chlorination/ chemicals
* Aeration
* Sedimentation/ decanting
* Filtration.

**INDUSTRIAL TREATMENT OF WATER.**

The stages are;

**I. Filtration at intake**; Water passes through a series of sieves, removal of large particles of Impurities

**II. Softening of water**;- Water is mixed with soda ash (sodium Bicarbonate) – to soften the water

**III.Coagulation and sedimentation**:- Adding of Alum (aluminum sulphate) to facilitate coagulation and sedimentation. Water stays in the tank for 36hrs to kill bilharzia

-Tanks are left open for aeration to remove bad smell

**IV. Filtration**: - Water is filtered to remove solution particles

**V.Chlorination**: Addition of small amount of chlorine solution to kill micro-organism

**VI. Storage** – Stored in large tanks to await distribution

**Why should water be treated before use?**

* Kill disease causing organisms
* Remove chemical impurities
* Remove bad smell and taste
* Remove sediments and other solids.