

# AQUATIC PLANTS

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- 1st Week Classification of aquatic plants, economic importance, beneficial and harmful effects for aquatic environment
- 2nd Week Chlorophyceae class macroalgae and their characteristics
- 3rd Week Macroalgae of the class Phaeophyceae and their characteristics
- 4th Week Macroalgae of the class Rhodophyceae and their characteristics
- 5th Week Charales order of flowerless aquatic plants and their characteristics
- 6th Week True mosses and liverworts Lycopsidea, Sphenopsida and Pteropsida
- 7th Week Angiosperms; Monocotyledonous and dicotyledonous aquatic plants -  
Reproduction in aquatic plants
- 8th Week Chemical structure of freshwater plants Chemical structure of marine plants
- 9th Week Production of edible freshwater plants Production of edible marine macroalgous  
Porphyra and Undaria
- 10th Week Animal feed production from marine macroalgae
- 11th Week Evaluation of marine macroalgae as fertiliser
- 12th Week Agar production from red macroalgae Distribution of aquatic plants
- **13th Week Flour production from marine plants**
- 14th Week Utilisation of aquatic plants in wastewater treatment: the example of duckweed



- Microwave-assisted extraction (MAE)
- Ultrasound-assisted extraction (UAE)
- Supercritical fluid extraction (SFE)
- Pressurized solvent extraction (PSE)
- Enzyme-assisted extraction (EAE)

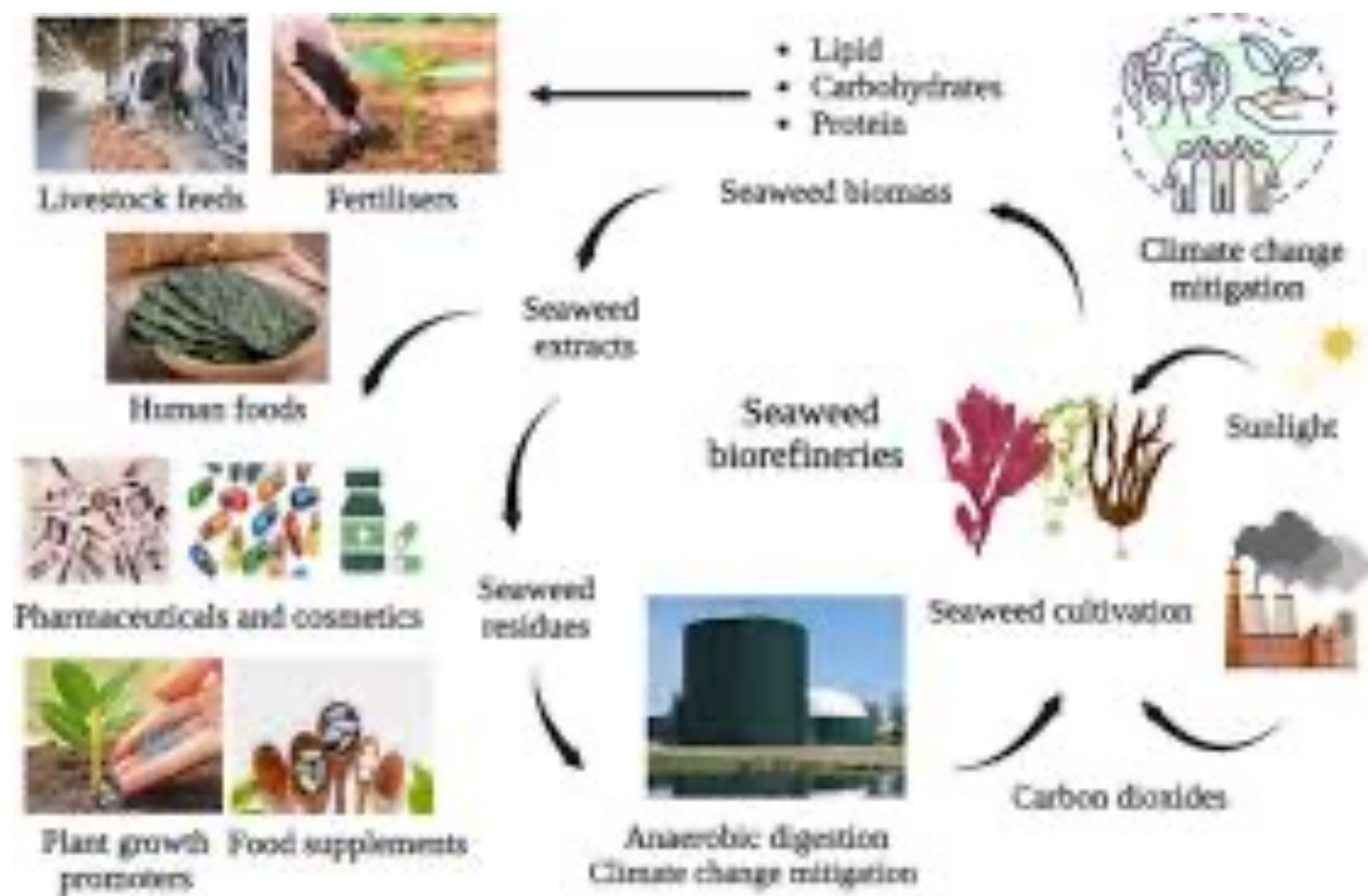


**Breeding techniques**



**Applications**







Dirty Wheat



Cleaning Machine



Washing wheat machine



Wheat peeling machine



Packing machine



Final Product



Double-bin planroller



Flour Mill

