

Background

Reliance on Chemical Fertilizers



Contributes to environmental pollution.

Growing World Population



Human population increasing 1.1% per year.

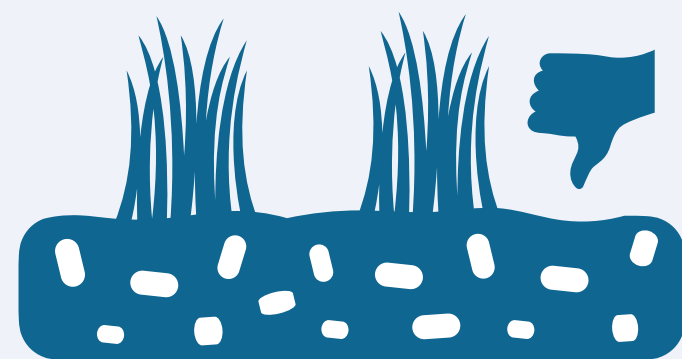
Barriers to Sustainable Agriculture

Availability and Cost-Effectiveness of Biofertilizers



Alternatives exist, but not yet widespread and competitive.

Soil Degradation



Depletion of nutrients and organic matter.

Microalgae Processing

Cultivation



In open ponds or photobioreactors.

Harvesting & Dewatering



Through gravity-based or mechanical methods.

Cell Disruption



Through mechanical or non-mechanical methods.

Main Benefits of Biofertilizers

