

PLNT 1213
Note outline

Cropping systems

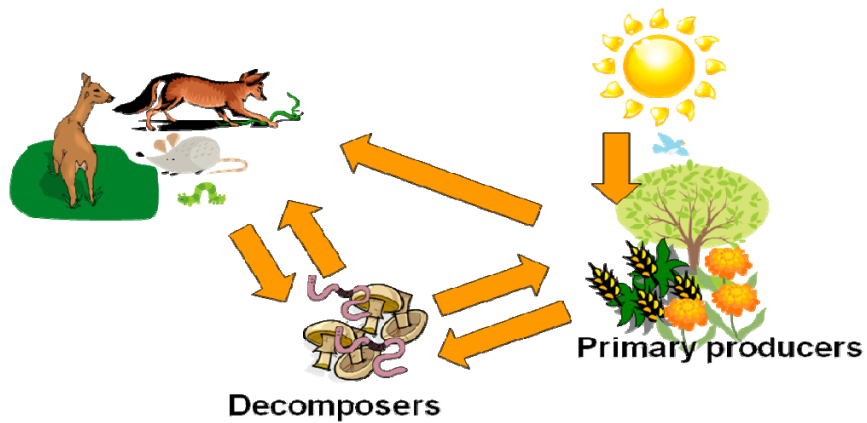
Chapter 11

Objectives:

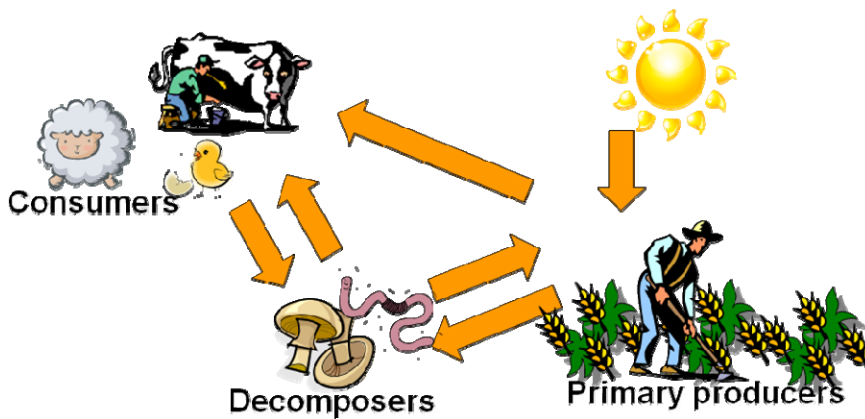
Describe agroecosystems

Understand various cropping systems

Natural ecosystem



Agroecosystem



Yield potential

Leibig's Law of the Minimums

Managing yield limiting factors

Stability

Monoculture

Polyculture

Mixtures

Alley cropping

Strip cropping

Multiple cropping systems

Double cropping

Cover cropping

Fallow

Crop rotation

Benefits of crop rotation

Competition

Intraspecific competition

Interspecific competition

Allelopathy