producers
photosynthetic organisms
primary consumers
cat producers
energy lost in faeces and urine
F
saprobionts
chemical energy of ingested food
decomposers
I
food chain
shows energy flow
R
energy lost in respiration
factory farming
increases energy conversion rate
Net production of consumers
N
trophic level
monoculture
kJ/m2/year
stage in food chain
only one type of crop grown
unit of energy in ecosystem
biomass
mass of living material
bomb calorimeter
measures chemical energy
omnivore
primary and secondary consumer
GPP
energy in plant biomass
NPP
GPP − R
N
1 −(F+R)