

High Yield Hints - Ecology

1. Volunteer plant Plant that grows after a harvest without planting
2. Hardpan Soil impervious to roots and water
3. Competitive exclusion Also called Gause principle - Species cannot co exist as long as they share same niche
4. General purpose genotype Genotype that provide adaptations to wide range of environments
5. Satellite species Species with in a community that are on the verge of extinction and periodically recolonise
6. Sentinel species Used as indicators of environmental conditions
7. Top species Species at the end of food chain
8. Energy budget Balance between energy input and output
9. Agenda 21 Output of earth summit at Rio de Janeiro in June 1992.
Environment and development – 27 principles to achieve the goal
10. Carbon sinks Plants – Remove CO₂ from air and fix it in organic compounds
11. Evapotranspiration Total water lost through evaporation from soil and transpiration
12. Forage Remains of plants and stock of plants – grasses , legumes .
Used as animal food
13. Biogeography Pattern of distribution of plants and animals
14. Cladogenesis Production of new species from the sub species of ancestors
15. Detritus Decomposing organic matter – Feeding animals Detritivores
16. Domestication Historical and evolutionary changes in plants and animals brought under human household
17. Ecological restoration Return of an ecosystem to its original type
18. EIA Environmental Impact Assessment
19. Gynodioecy Population of both females and hermaphrodites