INTRODUCTORY AGROFORESTRY AND SUSTAINABLE DEVELOPMENT

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DEFINITION

• LAND USE SYSTEM IN WHICH WOODY PERINNIAL ARE DELIBERATELY INTEGRATED WITH CROPS AND LIVESTOCK ON THE SAME UNIT OF LAND. THERE ARE BOTH ECOLOGICAL AND ECONOMICAL INTERACTION BETWEEN BOTH COMPONENTS.

WHY AF

FOOD SECURITY

CONSERVATION OF FOREST

HEALTH &
NUTRITIONAL
SECURITY

ECONOMIC SECURITY

FODDER, FUEL WOOD AND WOOD SUPPLY

POVERTY

ENVIRONMENTAL SECURITY FROM GLOBAL WARMING

MAINTENANCE OF BIODIVERSITY

SOIL
CONSERVATION
AND FERTILITY
IMPROVEMENT

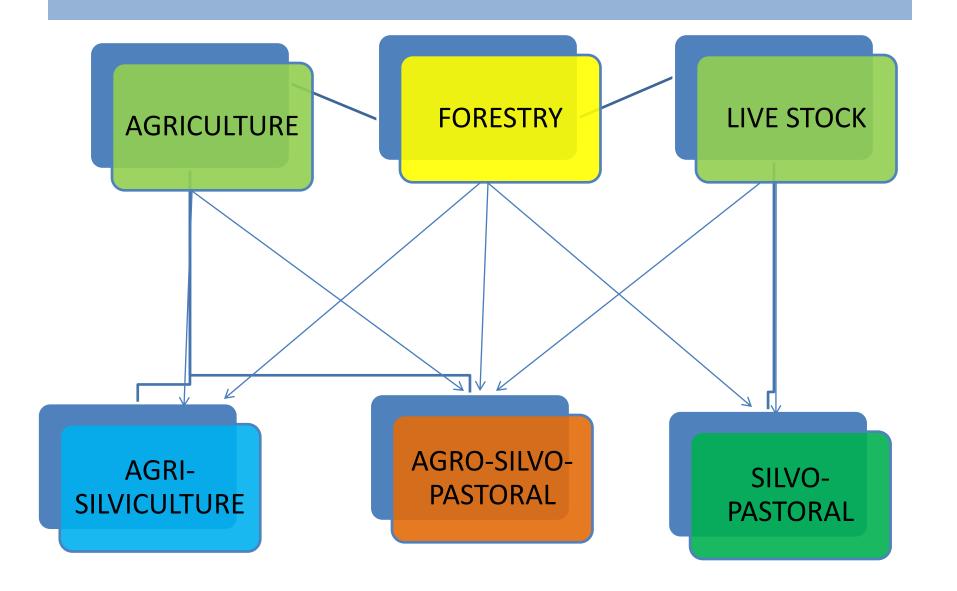
TYPES OF AGROFORESTRY

AGRI-SILVICULTURE (CROP+WOOD)

SILVI-PASTORAL (WOOD+FODDER/LIVE STOCK)

AGRI-SILVO-PASTORAL (CROP+WOOD+FODDER)

COMPONENTS OF AF



TYPES OF AF

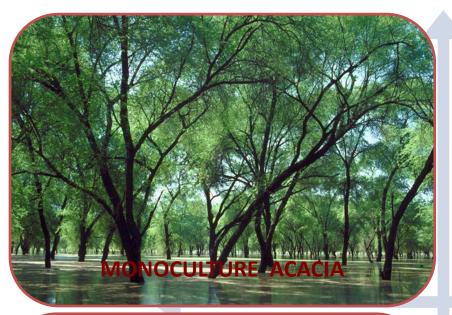








TYPES OF AF









SUB TYPES OF AF

AGRI-HORTICULTURE-LSP AGRI-HORTI-SILVICULTURE-MUSHROOM

HORTI-OLERICULTURE-BEE KEEPING

HORTI-SILVI-MEDICINAL PLANT/FISHERY

BENEFITS OF AF

PRODUCTION OF 5Fs

MICRO CLIMATE

PROTECTION OF 7Js

SOIL MICROBIAL ACTIVITIES

RISK MANAGMENT