

UNIVERSITY OF SARGODHA FACULTY OF AGRICULTURE

AGRICULTURE

DEPARTMENT OF AGRONOMY

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Definition

DEPARTMENT OF AGRONOMY

UNIVERSITY OF SARGODHA FACULTY OF AGRICULTURE

POLICY OF AGRICULTURE

DEPARTMENT OF AGRONOMY

UNIVERSITY OF SARGODHA FACULTY OF AGRICULTURE

IMPORTANCE OF AGRICULTURE

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Importance of Agriculture

- Food
- Feed
- Cloth
- Shelter
- Raw material for local industry
- Foreign Exchange Earning
- Cleaning of Environment
- Honey and wax

DEPARTMENT OF AGRONOMY

Importance of Agriculture

- ❑ Pharmaceutical Industry
- ❑ Bamboo, Lumber, chip board, hard board
- ❑ Meat
- ❑ Fruits
- ❑ Vegetables
- ❑ Flowers
- ❑ Wool
- ❑ Tobacco
- ❑ Coffee



Importance of Agriculture

- ❑ Roasted Seeds (popcorns, peanuts, almonds etc.)
- ❑ Sports goods (cricket bats, hockey & base-ball sticks)



Importance of Agriculture

- ❑ Employment
 - ✓ Agriculture Department (AO, AI, RO)
 - ✓ Federal Seed Certification and Registration (RO)
 - ✓ Fertilizers Industry (TSO)
 - ✓ Pesticides Industry (TSO)
 - ✓ Seed Industry (TSO)
 - ✓ Banks (Agriculture Credit Officer)
 - ✓ Herbal medicine



Importance of Agriculture

- ❑ Employment
 - ✓ Ayyub Agriculture Research Institute (Research officer)
 - ✓ NIBGE, NIAB, CAMB (Scientific officer)
 - ✓ Tobacco Industry (TSO)
 - ✓ Pakistan Cricket Board (Curator)
 - ✓ Golf Clubs DHA etc (landscaping)
 - ✓ Soil Conservation Department (RO)



Importance of Agriculture

- ❑ Employment
 - ✓ Citrus Research institute (RO)
 - ✓ Fodder Research Institute (RO)
 - ✓ Potato Research Institute (RO)
 - ✓ Mango, Date palm and Olive research Institute (RO)
 - ✓ In-Service Agriculture Training Institute (Lecturer)
 - ✓ Plant Protection Department (AO, PP)



Importance of Agriculture

- ❑ Employment
 - ✓ PARC (SO)
 - ✓ NARC (SO)
 - ✓ Zari Tarakiyati Bank (ZTBL), Kushali Bank (ACO)
 - ✓ Army Stud Farms (Farm Managers)
 - ✓ Adaptive Research Farms (Farm Managers)
 - ✓ Tunnel Gardening (Commercial grower)
 - ✓ University Teaching (Lt, AP, P)



Branches of Agriculture

- Agronomy
 - ✓ Irrigation Agronomy
 - ✓ Seed Science & Technology
 - ✓ Weed Science & Allelopathy
 - ✓ Fodder & Forage Science
 - ✓ Crop Physiology
 - ✓ Crop Ecology
 - ✓ Tillage Science / Precision Agriculture



Branches of Agriculture

- Agronomy
 - ✓ Conservation Agronomy
 - ✓ Organic Farming
 - ✓ Farm Management & Records
 - ✓ Stress Agronomy
- Plant Breeding & Genetic
- Soil & Environmental Sciences
- Agriculture Extension Education & Marketing



Branches of Agriculture

- Plant Pathology
 - ✓ Bacteriology
 - ✓ Mycology
 - ✓ Virology
- Plant Breeding & Genetic
- Soil & Environmental Sciences
- Agriculture Extension Education & Marketing
- Applied Statistics



Branches of Agriculture

- Horticulture
 - ✓ Pomology
 - ✓ Olericulture
 - ✓ Floriculture
 - ✓ Land Scape Horticulture
- Entomology
 - ✓ Apiculture (Honey bee)
 - ✓ Lac culture (Rearing of insects)
 - ✓ Seri culture (Silkworms)



Branches of Agriculture

- Forestry
- Animal husbandry
 - ✓ Stock rearing
 - ✓ Dairy Farming
 - ✓ Poultry Farming
- Agricultural resource economics
- Pisciculture or Aquaculture



Sciences Allied to Agronomy

- Botany
- Physiology
- Bio-chemistry
- Genetics
- Geology
- Meteorology
- Agricultural Economics
- Agricultural chemistry

