



Department of Agriculture

Cayman Islands Government

*Advancing Agriculture.
Securing Cayman's Future.*

Arborist

CURRENT POSITION

What you do

Maintain and assess tree health; conduct pruning and removals; manage storm-damaged trees; support urban forestry initiatives.

How you grow in this career

ENTRY LEVEL:

Arborist Trainee

MID-LEVEL:

Arborist

SENIOR LEVEL:

Senior Arborist or Urban Forestry Supervisor

REQUIRED STUDIES:

Certificate or Diploma in Arboriculture, Forestry or Horticulture.



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Horticulturist

CURRENT POSITION

What you do

Manage ornamental plant production; design and maintain landscapes; advise on plant care and pest management.

How you grow in this career

ENTRY LEVEL:

Horticulture Assistant

MID-LEVEL:

Horticulturalist

SENIOR LEVEL:

Landscape Programme
Manager

REQUIRED STUDIES:

Diploma or Degree in
Horticulture or Plant
Science.



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Agronomist

CURRENT POSITION

What you do

Advise farmers on crop production, soil fertility, irrigation systems and sustainable farming practices; conduct field trials.

How you grow in this career

ENTRY LEVEL:

Agricultural Officer

MID-LEVEL:

Agronomist

SENIOR LEVEL:

Senior Agronomist or
Policy Advisor

REQUIRED STUDIES:

Degree in Agronomy, Crop
Science or Agriculture.



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Crop Extension Officer

CURRENT POSITION

What you do

Plant, harvest and maintain crops; assist with livestock care and farm equipment operations.

How you grow in this career

ENTRY LEVEL:

Farm Worker

MID-LEVEL:

Skilled Farm Worker

SENIOR LEVEL:

Farm Supervisor or Farm
Manager

REQUIRED STUDIES:

High School; Technical
Agriculture Training
preferred.



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Plant Propagator

CURRENT POSITION

What you do

Propagate plants using seeds, cuttings and grafting; manage nursery production systems.

How you grow in this career

ENTRY LEVEL:

Nursery Assistant

MID-LEVEL:

Plant Propagator

SENIOR LEVEL:

Nursery Manager

REQUIRED STUDIES:

Diploma in Horticulture or
Nursery Management.



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Farm Labourer

CURRENT POSITION

What you do

Plant, harvest and maintain crops; assist with livestock care and farm equipment operations.

How you grow in this career

ENTRY LEVEL:

Farm Worker

MID-LEVEL:

Skilled Farm Worker

SENIOR LEVEL:

Farm Supervisor or Farm Manager

REQUIRED STUDIES:

High School; Technical Agriculture Training preferred.



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Veterinary Officer

CURRENT POSITION

What you do

Diagnose and treat livestock and companion animals; manage disease surveillance and certifications.

How you grow in this career

ENTRY LEVEL:

Licensed Veterinarian

MID-LEVEL:

Veterinary Officer

SENIOR LEVEL:

Chief Veterinary Officer

REQUIRED STUDIES:

Doctor of Veterinary
Medicine (DVM) and
Licensing.



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Veterinary Technician

CURRENT POSITION

What you do

Assist with surgery, diagnostics and vaccinations; monitor recovery and laboratory testing.

How you grow in this career

ENTRY LEVEL:

Veterinary Technician

MID-LEVEL:

Senior Technician

SENIOR LEVEL:

Clinical Supervisor

REQUIRED STUDIES:

Associate Degree in
Veterinary Technology.



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Poultry Extension Officer

CURRENT POSITION

What you do

Support poultry farmers with biosecurity, housing systems and flock health management.

How you grow in this career

ENTRY LEVEL:

Poultry Assistant

MID-LEVEL:

Poultry Extension Officer

SENIOR LEVEL:

Senior Poultry Specialist

REQUIRED STUDIES:

Required Studies: Degree or Diploma in Animal Science or Agriculture.



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Stockman

CURRENT POSITION

What you do

Care for livestock; monitor feeding, breeding and housing conditions.

How you grow in this career

ENTRY LEVEL:

Livestock Assistant

MID-LEVEL:

Stockman

SENIOR LEVEL:

Livestock Supervisor

REQUIRED STUDIES:

Technical Training in Animal Husbandry.



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Animal Welfare Officer

CURRENT POSITION

What you do

Investigate cruelty cases;
enforce welfare legislation;
educate the public.

How you grow in this career

ENTRY LEVEL:

Welfare Officer

MID-LEVEL:

Senior Welfare Officer

SENIOR LEVEL:

Compliance Supervisor

REQUIRED STUDIES:

Animal Science, Criminology
or Law Enforcement
Training.



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Animal Control Officer

CURRENT POSITION

What you do

Respond to stray animal reports; enforce regulations; protect public safety.

How you grow in this career

ENTRY LEVEL:

Animal Control Officer

MID-LEVEL:

Senior Officer

SENIOR LEVEL:

Enforcement Supervisor

REQUIRED STUDIES:

Animal Care or Law

Enforcement Background.



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Kennel Assistant

CURRENT POSITION

What you do

Care for sheltered animals; assist with feeding, cleaning and health monitoring.

How you grow in this career

ENTRY LEVEL:

Kennel Assistant

MID-LEVEL:

Senior Kennel Technician

REQUIRED STUDIES:

High School; Animal Care Training preferred.



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Agricultural Health Inspection Officer

CURRENT POSITION

What you do

Inspect agricultural imports/exports; enforce quarantine and biosecurity standards.

How you grow in this career

ENTRY LEVEL:

Inspection Officer

MID-LEVEL:

Senior Inspector

SENIOR LEVEL:

Biosecurity Supervisor

REQUIRED STUDIES:

Degree in Agriculture, Plant Science or Environmental Health.



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Plant Protection Officer

CURRENT POSITION

What you do

Monitor plant pests and diseases; conduct inspections and enforce plant health regulations.

How you grow in this career

ENTRY LEVEL:

Plant Health Technician

MID-LEVEL:

Plant Protection Officer

SENIOR LEVEL:

Senior Biosecurity Officer

REQUIRED STUDIES:

Degree in Plant Science or
Agriculture.



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Animal Health Assistant

CURRENT POSITION

What you do

Assist veterinary teams with vaccinations, field visits and animal handling.

How you grow in this career

ENTRY LEVEL:

Animal Health Assistant

MID-LEVEL:

Veterinary Technician

REQUIRED STUDIES:

Certificate in Animal Care or
Veterinary Assistance.



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Soil Scientist

FUTURE CAREER
OPPORTUNITY

What you do

Analyse soil fertility and conservation strategies to support sustainable land use.

How you grow in this career

ENTRY LEVEL:

Lab/Field Technician

MID-LEVEL:

Soil Scientist

SENIOR LEVEL:

Research Specialist

REQUIRED STUDIES:

Degree in Soil Science or
Environmental Science.



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Plant Pathologist

FUTURE CAREER
OPPORTUNITY

What you do

Diagnose plant diseases;
develop disease prevention
and management systems.

How you grow in this career

ENTRY LEVEL:

Research Assistant

MID-LEVEL:

Plant Pathologist

SENIOR LEVEL:

Biosecurity Lead

REQUIRED STUDIES:

Degree in Plant Pathology
or Biology.



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Entomologist

FUTURE CAREER
OPPORTUNITY

What you do

Study insects affecting
crops; design pest
management programmes.

How you grow in this career

ENTRY LEVEL:

Field/Lab Assistant

MID-LEVEL:

Entomologist

SENIOR LEVEL:

IPM Specialist

REQUIRED STUDIES:

Degree in Entomology or
Biology.



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Animal Scientist

FUTURE CAREER
OPPORTUNITY

What you do

Study insects affecting crops; design pest management programmes.

How you grow in this career

ENTRY LEVEL:

Livestock Officer

MID-LEVEL:

Animal Scientist

SENIOR LEVEL:

Research Manager

REQUIRED STUDIES:

Degree in Animal Science.



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Agricultural Biochemist

FUTURE CAREER
OPPORTUNITY

What you do

Study chemical processes in plants and animals; develop improved inputs.

How you grow in this career

ENTRY LEVEL:

Laboratory Technician

MID-LEVEL:

Biochemist

SENIOR LEVEL:

R&D Lead

REQUIRED STUDIES:

Degree in Biochemistry or
Chemistry.



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Agricultural Economist

FUTURE CAREER
OPPORTUNITY

What you do

Analyse agricultural markets
and guide national food
security planning.

How you grow in this career

ENTRY LEVEL:

Research Analyst

MID-LEVEL:

Agricultural Economist

SENIOR LEVEL:

Policy Advisor

REQUIRED STUDIES:

Degree in Agricultural
Economics or Economics.



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Plant Breeder / Micro- propagator

FUTURE CAREER
OPPORTUNITY

What you do

Develop improved crop varieties using breeding and tissue culture techniques.

How you grow in this career

ENTRY LEVEL:

Laboratory Technician

MID-LEVEL:

Plant Breeder

SENIOR LEVEL:

Research Lead

REQUIRED STUDIES:

Degree in Plant Science or
Biotechnology.



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Food Scientist

FUTURE CAREER
OPPORTUNITY

What you do

Develop safe, value-added food products; conduct food safety testing.

How you grow in this career

ENTRY LEVEL:

Laboratory Analyst

MID-LEVEL:

Food Scientist

SENIOR LEVEL:

Product Development
Manager

REQUIRED STUDIES:

Degree in Food Science.



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Food Technologist

FUTURE CAREER
OPPORTUNITY

What you do

Design processing systems;
improve packaging and shelf
life.

How you grow in this career

ENTRY LEVEL:

Laboratory Production
Technician

MID-LEVEL:

Food Technologist

SENIOR LEVEL:

Operations Manager

REQUIRED STUDIES:

Degree in Food Technology.



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Post- Harvest Specialist

FUTURE CAREER
OPPORTUNITY

What you do

Improve crop storage and
reduce post-harvest losses.

How you grow in this career

ENTRY LEVEL:

Post-Harvest Technician
Technician

MID-LEVEL:

Post-Harvest Specialist

SENIOR LEVEL:

Supply Chain Advisor

REQUIRED STUDIES:

Degree in Agriculture or
Post-Harvest Technology.



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Quality Control Technician

FUTURE CAREER
OPPORTUNITY

What you do

Improve crop storage and
reduce post-harvest losses.

How you grow in this career

ENTRY LEVEL:

QC Technician

MID-LEVEL:

Senior Analyst

SENIOR LEVEL:

QA Manager

REQUIRED STUDIES:

Degree or Diploma in Food
Science, Chemistry or
Biology.



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Supply Chain Specialist

FUTURE CAREER
OPPORTUNITY

What you do

Manage sourcing, storage
and distribution of
agricultural goods.

How you grow in this career

ENTRY LEVEL:

Supply Coordinator

MID-LEVEL:

Supply Chain Specialist

SENIOR LEVEL:

Operations Manager

REQUIRED STUDIES:

Degree in Logistics or Supply
Chain Management.



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Precision Agriculture Specialist

FUTURE CAREER
OPPORTUNITY

What you do

Use drones, GPS and data systems to improve farm efficiency.

How you grow in this career

ENTRY LEVEL:

Field Technician

MID-LEVEL:

Precision Agriculture
Specialist

SENIOR LEVEL:

AgTech Manager

REQUIRED STUDIES:

Training in Agricultural
Technology or Engineering.



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GIS / Remote Sensing Analyst

FUTURE CAREER
OPPORTUNITY

What you do

Use drones, GPS and data systems to improve farm efficiency.

How you grow in this career

ENTRY LEVEL:

GIS Technician

MID-LEVEL:

Remote Sensing Analyst

SENIOR LEVEL:

Planning Specialist

REQUIRED STUDIES:

Degree in GIS, Geography or Geomatics.



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Agricultural Policy Specialist

FUTURE CAREER
OPPORTUNITY

What you do

Use drones, GPS and data systems to improve farm efficiency.

How you grow in this career

ENTRY LEVEL:

Policy Analyst

MID-LEVEL:

Agricultural Policy Specialist

SENIOR LEVEL:

Senior Advisor

REQUIRED STUDIES:

Degree in Agriculture, Public Policy or Economics.