

Primary Career Pathways in Agriculture

This chart is a general guideline to career titles used in the farming and agricultural industry. Further research will find additional careers and titles.

For more information...

Career Matters: www.ilc.org

Career Cruising: www.careercruising.com

Ontario Agri-Food Education Inc. (OAFE): www.oafe.org

Consult Guidance and Co-operative Education staff for more career information.

Educational Pathway Requirements Colour Coding

- Direct Entry Following High School Diploma
- Certificate/License/Special Training
- College Diploma
- University Degree

PRIMARY (Careers are directly involved with agriculture production)

Aquaculture

- Farm Management
- Farm Worker
- Fishing Deckhand
- Fishing Shipper

Beekeeping

- Bee Pollinator
- Honey Bee Farmer
- Queen Bee Producer

Cattle (Beef)

- Animal Production
- Herdsman

Cattle (Dairy)

- Dairy Production
- Dairy Herdsman

Crops

- Harvester
- Irrigation Manager
- Planter
- Quality Control Specialist
- Sprayer Operator

Equine

- Facility Manager
- Stable Groom
- Show Groom

Equipment/Machinery

- Farm Equipment Mechanic
- Heavy Equipment Operator
- Welder

Fruit/Vegetables

- Custom Sprayer
- Growing Operator
- Harvester
- Irrigations Manager
- Planter
- Produce Buyer
- Quality Control Specialist
- Wholesale/Retail Sales

Horticulture

- Arbourist
- Assistant Grower
- Greenhouse Customer Service (retail/wholesale)
- Greenhouse Technician
- Horticulture Technician
- Irrigation Specialist
- Nursery Worker

Poultry

- General Poultry Labourer
- Hatchery Manager
- Operations Manager
- Quality Control Specialist

- Production Manager (Breeder/Layer)
- Production Manager (Broiler)

Seed

- Agronomist
- Agronomist - Field Sales

Sheep/Wool/Goat

- Animal Production
- Herdsman

Swine (Pork)

- Production Supervisor (Finishing/Nursery)
- Production Supervisor (Sow Farm)

Tree Farmer

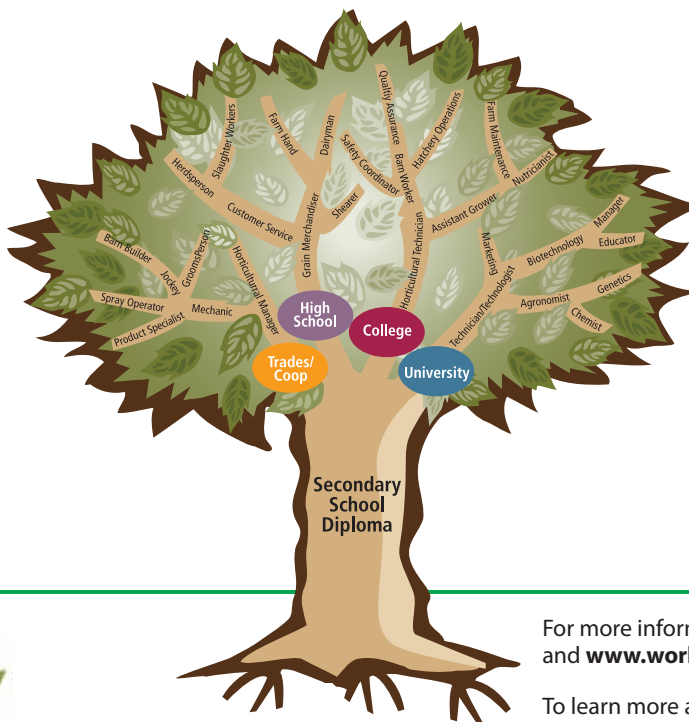
- Planter
- Pruner

Turf

- Turf Grass Manager
- Turf Labourer
- Turf Technician

Wine

- Vineyard Manager
- Vineyard Worker
- Viticulturist
- Wine Maker



Essential Skills... The Building Blocks of Success

- 1. Reading Text**
Sentences or paragraphs.
- 2. Document Use**
Graphs, lists, tables, blue-prints, schematics, drawings, signs and labels.
- 3. Numeracy**
Use numbers and quantitative terms.
- 4. Writing**
Text, documents or computer typing.
- 5. Oral Communications**
Give and exchange thoughts and information.
- 6. Working with Others**
Working co-operatively with others. Self-discipline to meet work targets.
- 7. Continuous Learning**
Participating in acquiring skills and knowledge.
- 8. Thinking Skills**
Problem solving, decision making critical thinking, job task planning and organizing and ability to find information.
- 9. Computer Use**
The variety and complexity of computer use.

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Secondary & Universal Career Pathways in Agri-Business

SECONDARY
UNIVERSAL

(Careers are indirectly involved with agriculture production)
(Careers are not commodity based and are applicable to agriculture and business sectors)

Agronomist

SECONDARY

- Financial
- Science

Animal Health

SECONDARY

- Veterinarian
- Veterinary Technician

Animal Production

SECONDARY

- AI Technician
- Animal Control Officer
- Animal Fitter
- Animal Health Sales Representative
- Animal Nutritionist
- Feed Mill Manager
- Inspector
- Renderer
- Sanitation Worker
- Shearer
- Slaughter Worker
- Spinner
- Tanner
- Accounting
- Commodity Trader
- Genetic Lab Technician
- Marketer
- Sales

Aquaculture

SECONDARY

- Fishery Officer
- Marine Biologist
- Marine Engineer
- Oceanographer

- Onshore Seafood Processor
- Seafood Factory Supervisor
- Seafood Supervisor

UNIVERSAL

- Accounting

Biofuels

SECONDARY

- Lab Worker
 - Research Technician
- UNIVERSAL
- Marketer
 - Sales

Biotechnology

SECONDARY

- Animal Genetics
- Biologist
- Plant Genetics Technician
- Researcher

Commodities

SECONDARY

- Board Director
- Commodity Trader

Communication/Media

SECONDARY

- Ag Marketer
 - Journalism
- UNIVERSAL
- Sales

Construction

SECONDARY

- Barn Builder
- Labourer

UNIVERSAL

- Electrician

- General Contractor
- Plumber
- Project Manager

Crops

SECONDARY

- Conservation Manager
- Fertilizer Specialist
- Production Manager
- Protection Specialist
- Range Specialist
- Soil Chemist
- Soil Conservationist
- Soil Technician
- Watershed Specialist

UNIVERSAL

- Consultant

Education/Extension

SECONDARY

- Educator

UNIVERSAL

- Communication Technician

Environment

SECONDARY

- Biologist
- Botanist
- Ecologist
- Environmental Technician
- Hydrologist
- Microbiologist
- Waste Specialist

UNIVERSAL

- Attorney
- Consultant
- Engineer
- Lab Technician

Equine

SECONDARY

- Farrier
- Harness Driver
- Harness Maker
- Horse Trainer
- Jockey
- Message Therapist
- Saddlery Maker
- Riding Instructor

Equipment/Machinery

SECONDARY

- Farm Equipment Technician
- Hydraulics/Pneumatics Mechanic
- Parts/Service Specialist

UNIVERSAL

- Automotive Painter
- Electrician
- Engineer
- Forklift Operator
- Heavy Equipment Mechanic
- Millwright
- Plumber
- Refrigeration
- Salesperson
- Truck and Coach Mechanic
- Welder

Feed/Fertilizer

SECONDARY

- Genetic Technician
- Production Worker
- Salesperson

Finance/Banking/Insurance

SECONDARY

- Account Manager
- Account Representative
- Sales

Food Processing

SECONDARY

- Baker
- Brewer
- Brewery Worker
- Butcher
- Chef
- Cheese Maker
- Food Engineer
- Food Inspector
- Food Technologist
- Line Operator
- Meat Grader
- Meat Inspector
- Meat Processor
- Milk Processor
- Quality Assurance Technician

UNIVERSAL

- Dietician
- Distributor
- Food Handler
- Food Services Technician
- Hospitality
- Lab Technician
- Operations Manager
- Package Designer
- Production Worker
- Safety Inspector
- Sales
- Technical Manager

Food Services

UNIVERSAL

- Chef
- Dietician
- Dishwasher
- Food Handler
- Food Services Technician
- Hospitality

Forestry

SECONDARY

- Forest Ecologist
- Forest Products Technologist
- Forest Protection Expert
- Wildlife Biologist

UNIVERSAL

- Sales

Government/Associations

UNIVERSAL

- Board Director
- Communications Specialist
- Executive Director
- Field Personnel
- Volunteer Coordinator

Horticulture

SECONDARY

- Garden Centre Customer Service
- Horticulture Consultant
- Regulatory Specialist

UNIVERSAL

- Landscaper

Internet/E-Business/Computers

SECONDARY

- Computer Technician
- Information Technology

Irrigation/Drainage

SECONDARY

- Agrologist
- Installer

Merchandise/Retail

UNIVERSAL

- Marketer
- Promotion
- Sales

Pest Management

UNIVERSAL

- Application Operator
- Biologist
- Lab Technician

Real Estate

SECONDARY

- Sales

Seed

SECONDARY

- Biogenetics
- Marketer
- Researcher
- Sales

UNIVERSAL

- Manager
- Quality Control Technician

Trucking/Warehousing

SECONDARY

- Livestock Truck Driver

UNIVERSAL

- Administration & Accounting Clerks
- Automotive Painter
- AZ/DZ Licensed Drivers
- Health & Safety Officer
- Inventory Manager
- Logistics & Customs Co-ordinator
- Shipper/Receiver
- Truck & Coach Mechanics
- Warehousing Co-ordinator
- Welders

Wine

SECONDARY

- Bottler/Packager
- Marketing Manager
- Recipe Developer
- Researcher
- Sales Manager
- Tasting Room Manager
- Wine Broker

UNIVERSAL

- Hospitality
- Management

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