

FIND YOUR CAREER IN AGRICULTURE

WHY CONSIDER A CAREER IN AGRICULTURE?

- High quality
- High paying
- Rewarding
- Own your own business
- Work for a multi-national company
- Opportunities to transfer skills

More Career Information:

Career Matters: www.olc.org

Career Cruising: www.careercruising.com

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

AgCareers: www.agcareers.com/ontario-jobs.cfm

What is Agriculture?

Definition: Agriculture has traditionally been described as the science, art, and business of cultivating soil, producing crops, and raising livestock – also known as farming. However, agriculture, like the rest of the world, is evolving and changing, resulting in new and different careers. Far from being a dying aspect of the labour market, agriculture – or agriculture business, as it is currently known – offers job seekers the opportunity to develop new skills or to enhance and transfer skills they already have. Agricultural business is about how food gets from the field to the table. It examines the financing, marketing, and management of food production and the economic theories and influences behind the buying and selling of food. You might be surprised to learn how many different types of careers fall under the umbrella of agriculture!

Consider the Diversity of Agriculture...

Apprenticeship

NOC 8253-B
Herdsman
NOC 2225-B
Arborist
NOC 7251
Plumber

Biotechnology

NOC 2121-A
Biologist
NOC 4166-A
Researcher
NOC 2123-A
Agrologists/
Soil Conservationist

Business

NOC 1434-C
Account Manager
NOC 5124-A
Communication
Specialist
NOC 0611-O
Sales Manager

Environment

NOC 9424
Waste Specialist
NOC 0211-O
Engineer
NOC 2113A
Hydrologist

Food Processing

NOC 3132-A
Dietician
NOC 9461-C
Cheese Maker
NOC 2233-B
Quality Assurance

Food Service

NOC 6241-B
Chef
NOC 6641-D
Food Service Worker
NOC 6453-C
Food and Beverage
Handler

Source: www.workingincanada.gc.ca

PRIMARY CAREER PATHWAYS IN AGRICULTURE

Primary: Careers are directly involved with agriculture production

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

Aquaculture

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

Beekeeping

- Bee Pollinator
- Honey Bee Farmer
- Queen Bee Producer

Cattle (Beef)

- Animal Production
- Herdsperson

Cattle (Dairy)

- Dairy Production
- Dairy Herdsperson

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
- Herdsperson

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, blueprints, 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

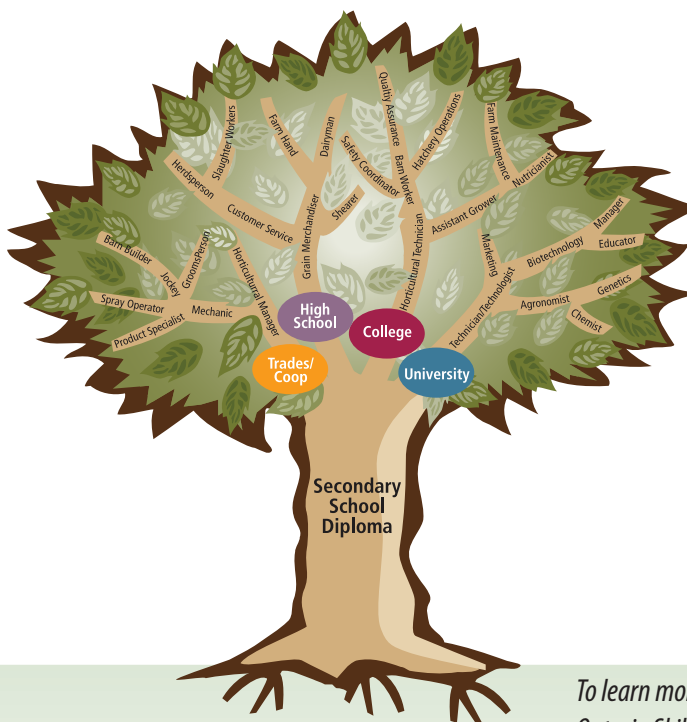
Participating in acquiring skills and knowledge.

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.



To learn more about the essential skills visit:

Ontario Skills Passport <http://skills.edu.gov.on.ca/OSPWeb/jsp/en/login.jsp>

Is a career in agriculture for you?

SECONDARY & UNIVERSAL CAREER PATHWAYS IN AGRI-BUSINESS

Secondary: Careers are indirectly involved with agriculture production

Universal: 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

UNIVERSAL

- 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

Educational Pathway Requirements Colour Coding



Direct Entry following
High School Diploma



Certificate/License/
Special Training



College Diploma



University Degree

This document was originally published by the Workforce Planning Board of York Region & Bradford West Gwillimbury in partnership with the York Federation of Agriculture and Ontario Agri-Food Education Inc.

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