

Getting There

Junior College & Community College Programs	Aims Community College	Colorado Mesa University (offered through Western Colorado Community College)	Colorado Mountain College	Colorado Northwestern Community College	Community College of Denver	Front Range Community College	Lamar Community College	Morgan Community College	Northeastern Junior College	Otero Junior College	Pikes Peak Community College	Trinidad State Junior College
Agricultural Business & Management, General	A, C	A					A, C	A, C				A, C
Agribusiness/ Agricultural Business Operations							C	C	C			C
Agricultural Economics	A, C											
Farm & Ranch Management								C	C	C		C
Agricultural/Farm Supplies Retailing & Wholesaling								C	C	C		C
Agricultural Business Technology								C	C	C		C
Agricultural Production Operations, General									A, C			
Animal/Livestock Husbandry & Production										A, C		
Aquaculture												A, C
Crop Production										A, C		
Animal Training							A, C					
Equestrian/Equine Studies			A, C						A, C			
Agricultural & Domestic Animal Services, Other											C	
Applied Horticulture/Horticulture Operations, General					A, C							
Animal Health					A, C							
Veterinary/Animal Health Technician & Assistant			A, C	A, C	A, C	C						

C = Certificate, A = Associate's Degree

Public University Programs	Colorado State University
Agriculture, General	G
Agribusiness/ Agricultural Business Operations	B
Agricultural Economics	B, G
Equestrian/Equine Studies	B
Applied Horticulture/Horticulture Operations, General	B
Agricultural & Extension Education Services	G
Animal Sciences, General	B, G
Horticulture Science	B, G
Plant Protection & Integrated Pest Management	G
Range Science & Management	B, G
Soil Science & Agronomy, General	B, G
Agricultural Teacher Education	G
Agricultural Engineering	B, G
Veterinary Medicine	G

B = Bachelor's Degree, G = Graduate Degree



COLORADO DEPARTMENT OF LABOR AND EMPLOYMENT

Want more Education?

www.Collegeincolorado.org



AGRICULTURE

Agriculture is an industry that impacts people on a daily basis-providing sources of food, energy, and fiber for clothing. This industry offers a wide array of exciting and challenging career choices that are not limited to traditional farming and ranching in rural settings. It includes researchers, quality inspectors, business managers, and other occupations that help agriculture run as efficiently as possible. If you are interested in making a contribution to the production, distribution, and safety of our food supply; working with livestock; or contributing to research in those areas, a career in agriculture could be the path for you!

Start Exploring Agriculture Careers

Step 1: Identify your interests

Compare your interests, skills and work values with Agriculture occupations using Labor Market Information's Career Explorer:

Visit www.colmigateway.com

- Click on "Services for Individuals"
- Choose "Career Services"

This will take you to "Career Explorer" where you can match your interests, skills and work values to occupations.

Step 2: Explore the Agriculture industry & careers

Learn about high-growth, in-demand careers and what they pay on the LMI Gateway website:

www.colmigateway.com

For more information on a career in Agriculture, check out www.agcareers.com/colorado-jobs.cfm

Step 3: Find education, training & financial aid

Discover the best education or training institutions for your career goals and how to get money for school at www.collegeincolorado.org

Step 4: Find available job openings

www.connectingcolorado.com

A Day In the Life of...

Anthony Cecil

Sales Consultant

Wickham Tractor Company

Fort Morgan, CO

Anthony spends much of his day meeting with customers both at the dealership and on their farms to evaluate their needs. He helps farmers choose the equipment that will help them increase their production and return on investment (ROI). Once he determines the best equipment for their needs, he'll work with them to find a financing solution.

Anthony enjoys the fact that he's become a true consultant to customers. The best part of his job comes at the moment that he gains the trust of the customer and becomes a partner in meeting his/her business needs. He enjoys providing customers with the solutions they need and the gratification that comes when the customer embraces the proposals he provides.

Mr. Cecil completed high school and some college before he began working with Wickham Tractor Company. He credits his educational background with affording him the opportunity to participate in dealership-sponsored training where he gained a wealth of hands-on skills. He learned how to provide exceptional customer service and gained in-depth knowledge of the company, while getting paid! Anthony credits his high school algebra, public speaking, and agricultural classes as most helpful to his career. These courses provided him the math skills he uses in calculating financing options; confidence when speaking with customers; and basic farming knowledge.

A Day in the Life of...

Laura D Teague

Owner / Operator

Teague Diversified, Inc.

Fort Morgan, CO

Laura says there is no “typical day” when working with a large diversified agriculture operation. At daybreak she will begin chores that need to be done in the light: meeting the needs of livestock, feeding, and checking health status or injury. After attending to her duties as county commissioner during the day, Ms. Teague returns home in the early evening to tend to the livestock again.

During the winter, she will make multiple visits to the maternity pens for sheep and goat herds. She will bottle feed lambs & goats, keep tabs on animals in labor and make sure the baby suckles its mother within hours of birth.

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Who do you want to be tomorrow?

Occupation	Wage Range (Employment)	Minimum Education/Training	Suggested Programs of Study
Buyers & Purchasing Agents, Farm Products <i>Purchase farm products either for further processing or resale.</i>	\$46,604 - \$87,228 (60)	Certificate, Long-term on-the-job training	Agricultural/Farm Supplies Retailing and Wholesaling
Agricultural Engineers <i>Apply knowledge of engineering technology and biological science to agricultural problems.</i>	\$54,962 - \$84,355 (40)	Bachelor's degree, Master's degree, Doctoral or professional degree	Agricultural/Biological Engineering and Bioengineering
Soil & Plant Scientists <i>Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests.</i>	\$35,678 - \$67,574 (270)	Bachelor's degree, Master's degree, Doctoral or professional degree	Applied Horticulture, Horticulture Science; Plant Protection and Integrated Pest Management; Range Science and Management; Soil Science and Agronomy
Conservation Scientists <i>Manage, improve, and protect natural resources to maximize their use without damaging the environment. May instruct farmers and ranchers in best ways to manage their land.</i>	\$39,269 - \$73,570 (1060)	Bachelor's degree, Master's degree, Doctoral or professional degree	Range Science and Management; Soil Science and Agronomy, General
Agricultural & Food Science Technicians <i>Work with agricultural and food scientists in food, fiber, and animal research, production, and processing; and assist with animal breeding and nutrition.</i>	\$28,961 - \$54,320 (60)	Certificate, Associate's degree	Animal Sciences, General; Animal Health
Agricultural Sciences Teachers, Postsecondary <i>Teach courses in the agricultural sciences. Includes teachers of agronomy, dairy sciences, horticultural sciences, range management, and agricultural soil conservation.</i>	\$37,085 - \$103,061 (140)	Doctoral or professional degree	Agricultural Teacher Education
Farm & Home Management Advisors <i>Advise, instruct, and assist individuals and families engaged in agriculture, agricultural-related processes, or home economics activities.</i>	\$34,567 - \$64,457 (140)	Master's degree	Agricultural and Extension Education Services
Veterinarians <i>Diagnose, treat, or research diseases and injuries of animals.</i>	\$50,694 - \$99,781 (1630)	Doctoral or professional degree	Veterinary Medicine
Veterinary Technologists & Technicians <i>Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals.</i>	\$25,320 - \$34,344 (2650)	Certificates, Associate's degree	Veterinary/Animal Health Technician and Assistant
First-Line Supervisors of Farming <i>Directly supervise and coordinate the activities of agricultural, forestry, aquacultural, and related workers.</i>	\$29,473 - \$57,887 (120)	1 to 5 years on-the-job	On-the-job-training
Graders & Sorters, Agricultural Products <i>Grade, sort, or classify unprocessed food and other agricultural products by size, weight, color, or condition.</i>	\$16,989 - \$21,920 (Suppressed)	Short-term on-the-job training	On-the-job-training
Farmworkers & Laborers, Crop, Nursery, & Greenhouse <i>Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools, such as shovels, trowels, hoes, tampers, shears, and knives.</i>	\$17,167 - \$29,993 (2030)	Short-term on-the-job training	On-the-job-training
Farmworkers, Farm, Ranch, & Aquacultural Animals <i>Attend to live farm and ranch animals that may include cattle, sheep, swine, fish, and horses. Attend to animals produced for animal products, such as meat, fur, skins, eggs, milk, and honey.</i>	\$17,960 - \$29,414 (690)	Short-term on-the-job training	On-the-job-training
Farm Equipment Mechanics & Service Technicians <i>Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.</i>	\$31,395 - \$43,330 (370)	Long-term on-the-job training	On-the-job-training
Other Agricultural Occupations			
Farmers, Ranchers, & Other Agricultural Managers <i>Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, or other agricultural establishments.</i>		Agricultural Inspectors <i>Inspect agricultural commodities, processing equipment, and facilities, to ensure compliance with regulations and laws governing health, quality, and safety.</i>	
Farm Labor Contractors <i>Recruit and hire seasonal or temporary agricultural laborers.</i>		Animal Breeders <i>Select and breed animals according to their genealogy, characteristics, and offspring. May require knowledge of artificial insemination techniques and equipment use.</i>	
Animal Scientists <i>Conduct research in the genetics, nutrition, reproduction, growth, and development of domestic farm animals.</i>		Agricultural Equipment Operators <i>Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops. May perform tasks, such as crop baling or hay bucking.</i>	



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Duties during other times of the year vary depending on what grasses may be growing and number of cattle in the feedyard. Her days are mostly consumed with taking care of livestock, crops and rangeland to maximize profit potential while being a good steward of a sustainable ranch. Ms. Teague loves the challenge that every day's work brings, especially the chance to see new life start when an animal is born. She takes pride in raising food and fiber for the community.

Laura has a master's degree in reproductive physiology and an undergraduate degree in animal science. In addition to her coursework, Laura's education provided her with lasting relationships and the ability to know where and how to find information. The high school courses she found most helpful to her career were Science and Economics.