



CAREER PATH

Natural Resources Agriculture

CAREER CLUSTER

Agriculture, Food and Natural Resources

CAREER PATHWAY

Agribusiness Systems



FARMER AND RANCHER

On an ownership or rental basis, operate farms, ranches, greenhouses, nurseries, timber tracts, or other agricultural production establishments which produce crops, horticultural specialties, livestock, poultry, finfish, shellfish, or animal specialties. Include operators of cotton gins, packing houses, and other post-harvest operations. May plant, cultivate, harvest, perform post-harvest activities, and market crops and livestock; may hire, train, and supervise farm workers or supervise a farm labor contractor; may prepare cost, production, and other records. May maintain and operate machinery and perform physical work.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a farmer and/or rancher are reinforced by taking rigorous and relevant courses, as well as participating in work-based experiences and student organization activities.

(See the Sample Personal Plan of Study for suggested coursework, activities, and knowledge and skills to pursue in preparation of an occupation in this Career Cluster.)

Education Requirements

Occupation	Percent of Missouri employees aged 25 to 44 in the occupation whose highest level of educational attainment is:		
	High School or Less	Some College	Bachelor Degree or More
Farmers and ranchers	53.6%	30.4%	16.0%
Other management occupations	19.8%	26.1%	54.1%
Management	17.6%	26.2%	56.2%

Most Common Educational Level: Long-term on-the-job training

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing. Apprenticeships are available for more than 240 occupations. Visit www.oa.doleta.gov/bat.cfm

National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$12.29	\$16.04	\$22.46
	Yearly	\$25,600	\$33,400	\$46,700
Missouri	Hourly	—	—	—
	Yearly	—	—	—

Based on (*) lower 25% and (**) upper 25% percentile of wages

National and State Employment Trends

Farmer and Rancher	Employment		Percent Change	Job Openings*
	2006	2016		
United States	1,058,400	968,800	-8%	9,510
Missouri	N/A	N/A	N/A	N/A

*The estimate for Job Openings includes both turnover that results from people who leave the occupation (e.g. quit, retire, death) and new jobs that are created.

Educational Opportunities

Note: This list may not be all inclusive. For more information about Missouri schools and programs, visit www.dhe.mo.gov

College of the Ozarks

Point Lookout, MO
(417) 334-6411
www.cofo.edu

Crowder College

Neosho, MO
(417) 451-3223
www.crowder.edu

Lincoln University

Jefferson City, MO
(573) 681-5000
www.lincolnu.edu

Lindenwood University

Saint Charles, MO
(636) 949-2000
www.lindenwood.edu

Mineral Area College

Park Hills, MO
(573) 431-4593
www.mineralarea.edu

Missouri State University

Springfield, MO
(417) 836-5000
www.missouristate.edu

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Springfield, MO
(417) 836-5000
www.missouristate.edu

North Central Missouri College

Trenton, MO
(660) 359-3948
www.ncmissouri.edu

(more-over)

Northwest Missouri State University
Maryville, MO
(660) 562-1212
www.nwmissouri.edu

Park University
Parkville, MO
(816) 741-2000
www.park.edu

Southeast Missouri State University
Cape Girardeau, MO
(573) 651-2000
www.semo.edu

State Fair Community College
Sedalia, MO
(660) 530-5800
www.sfccmo.edu

University of Central Missouri
Warrensburg, MO
(660) 543-4111
www.ucmo.edu

University of Missouri - Columbia
Columbia, MO
(573) 882-2121
www.missouri.edu



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