



AGRICULTURE, FOOD, & NATURAL RESOURCES CAREER CLUSTER PATHWAY: PLANT SYSTEMS

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS MEDIAN SALARY ⁱ	% CHANGE / EMPLOYMENT PROSPECTS	
			KANSAS 2012-2022 ⁱⁱ	USA 2014-2024 ⁱⁱⁱ
-Associate Degree -Certifications -On the Job Training -2 Yr. Community/Technical Colleges -Registered Apprenticeship				
19-4093	Forest and Conservation Technicians: Soil & Water Specialists	\$45,370/year	+0.3%	-5.7%
19-4021	Biological Technicians: Biotechnology Lab Technician	\$36,310/year	+1.3%	+5.2%
19-4011	Agricultural and Food Science Technicians : Biotechnology Lab Technicians	\$36,110/year	+0.9%	+4.9%
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers: Golf Course Superintendents	\$41,260/year	+1.3%	+5.3%
37-3011	Landscaping and Groundskeeping Workers	\$23,300/year	+1.4%	+6.1%
45-2091	Agricultural Equipment Operators: Custom Hay, Silage Operations	\$28,230/year	+1%	+5.4%
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$22,780/year	+1.1%	-9.1%
Bachelor's Degrees Colleges / Universities				

ⁱ Salary data from the Kansas Department of Labor, 2014 Kansas Wage Survey

ⁱⁱ 2012-2022 Kansas Occupational Outlook Study, <http://www.dol.ks.gov>

ⁱⁱⁱ 2014-2024 National Employment Occupational Outlook Handbook, <http://www.bls.gov/oco>

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11-3071	Transportation, Storage, and Distribution Managers: Grain Operations Superintendents	\$83,090/year	+0.7%	+2.2%
41-3031	Securities, Commodities, and Financial Services Sales Agents: Commodity Marketing Specialists	\$81,250/year	+2.5%	+9.5%
13-2072	Loan Officers: Ag Lenders	\$58,130/year	+1.2%	+8.1%
19-1031	Conservation Scientists: Soil and Plant Scientists / Plant Pathologists / Aquaculturists / Plant Breeders and Geneticists; Botanists / Forest Geneticists / Soil and Water Specialists	\$68,680/year	0.4%	+6.9%
25-2032	Vocational Education Teachers, Secondary School: Agricultural Educators	\$46,290/year	+13%	18%%
25-1000 25-1194	Vocational Education Teachers, Postsecondary : Agricultural Educators	\$41,020/year	+1.5%	+6.6%
11-9013	Farm, Ranch, and Other Agricultural Managers: Crop Farm Managers / Greenhouse Managers / Growers / Farmers / Ranchers	N/A	-0.5%	-1.9%
25-9021	Farm and Home Management Advisors: Education and Extension Specialists	\$50,050/year	+0.3%	+10.9%
Graduate Degrees Colleges/Universities				
19-1022	Microbiologists: Bioinformatics Specialists	\$50,200/year	+1%	+3.5%

N/A = Data Not Available

Employment is projected to:	Growth compared to average:
increase 21 percent or more	Grow much faster than average
increase 14 to 20 percent	Grow faster than average
increase 7 to 13 percent	Grow about as fast as average
increase 3 to 6 percent	Grow more slowly than average
decrease 2 percent to increase 2 percent	Little or no change
decrease 3 to 9 percent	Decline slowly or moderately
decrease 10 percent or more	Decline rapidly