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 2008-2018[ii]	USA 2006-2016[iii]
-Associate Degree **-Certifications** **-On the Job Training** **-2 Yr. Community/Technical Colleges** **-Registered Apprenticeship**				
19-4093	Forest and Conservation Technicians: Soil & Water Specialists	$21.44/hr.	+8%	-2%
19-4021	Biological Technicians: Biotechnology Lab Technician	$17.18/hr.	+22%	+16%
19-4011	Agricultural and Food Science Technicians : Biotechnology Lab Technicians	$15.64/hr.	+15%	+7%
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers: Golf Course Superintendents	$19.41/hr.	+17%	+18%
45-2091	Agricultural Equipment Operators: Custom HaySilage Operations	$12.38/hr.	+12%	-5%
Bachelor's Degrees **Colleges / Universities**				
11-3071	Transportation, Storage, and Distribution Managers: Grain Operations Superintendents	$37.02/hr.	-7%	+7-13%
41-3031	Securities, Commodities, and Financial Services Sales Agents: Commodity	$41.00/hr.	+29%	+25%

[i] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[ii] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[iii] 2008-2009 National Employment Occupational Outlook Handbook, http://www.bls.gov/oco

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	Marketing Specialists			
13-2072	Loan Officers: Ag Lenders	$22.90/hr.	+10%	+11%
	Foresters: Forest Geneticsits			
19-1031	Conservation Scientists: Soil and Plant Scientists / Plant Pathologists / Aquaculturists / Plant Breeders and Geneticists; Botanists / Forest Geneticists / Soil and Water Specialists	$33.58/hr.	8%	+5%
25-2032	Vocational Education Teachers, Secondary School: Agricultural Educators	$20.63/hr.	+14%	-5%
25-1194	Vocational Education Teachers, Postsecondary : Agricultural Educators	$19.45/hr.	+24%	+23%
11-9091	Farm, Ranch, and Other Agricultural Managers: Crop Farm Managers / Greenhouse Managers / Growers / Farmers / Ranchers	N/A	N/A	+1%
25-9021	Farm and Home Management Advisors: Education and Extension Specialists	$21.70/hr.	+0%	+3-6%
Graduate Degrees Colleges/Universities				
19-1022	Microbiologists: Bioinformatics Specialists	$23.90/hr.	+7%	+11%

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