. TOP AGRICULTURAL CAREERS IN .



AgCareers.com developed career profiles for high demand jobs in the agricultural industry. These career profiles are a helpful resource for students and job seekers to explore new roles in the industry, as well as for career educators.

Laboratory Technician

JOB OVERVIEW

Prepare samples, carry out experiments, make measurements, record results & present for critical analysis

Collect, classify & preserve specimens & samples

Perform routine mathematical calculations & prepare graphs; assist in the writing of lab reports

Clean, maintain & set up experimental equipment; perform quality assurance checks

JOB OUTLOOK

POOR	FAIR

GOOD



EXCELLENT

GREAT

EDUCATION NEEDED

Bachelor's degree in laboratory science, biology, chemistry, or other relevant field

RECOMMENDED H.S. COURSES

Ag education, anatomy, biology, mathematics, English, chemistry, physics

TYPICAL EMPLOYERS

Variety of labs - seed, chemical, animal health, biotech - in academic, government, or company settings



Research Station Manager

JOB OVERVIEW

Manage research station operations for a university or organization with offsite research

Provide procedures for the collection, classification & preservation of specimens & samples

Supervise research trials & projects in an effort to achieve validated research data

Ensure compliance to safety & environmental regulations

JOB OUTLOOK



EDUCATION NEEDED

Master's degree in field you will be applying , knowledge

RECOMMENDED H.S. COURSES

Ag education, biology, chemistry, business & computer courses, mathematics

TYPICAL EMPLOYERS

Any company developing & testing new products to sell (plant, biotech, alternative energy, food, animal health)

EDUCATION NEEDED

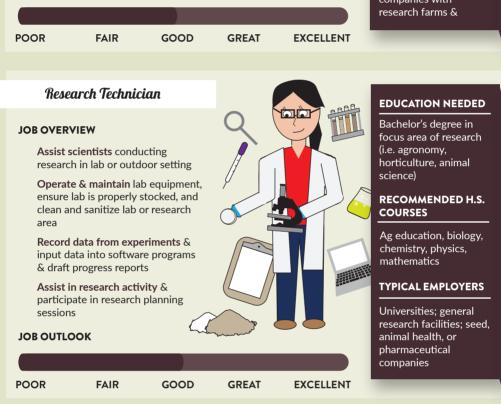
Bachelor's degree in desired work area (i.e. agriculture, crop science, soil science, animal science)

RECOMMENDED H.S. COURSES

Ag education, biology, chemistry, horticulture, Spanish, physics, business and computer courses, mathematics

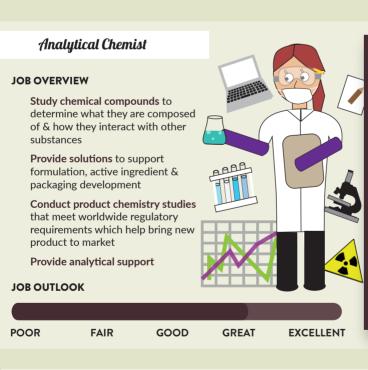
TYPICAL EMPLOYERS

Land Grant universities,









EDUCATION NEEDED

Bachelor's or Master's in chemistry or laboratory science

RECOMMENDED H.S. COURSES

Ag education, biology, chemistry, anatomy, physics, writing, computer courses, advanced mathematics

TYPICAL EMPLOYERS

Agriculture companies that develop chemical & pharmaceutical solutions for farmers

Formulation Chemist

JOB OVERVIEW Design & develop new crop





EDUCATION NEEDED

Master's or PhD in chemistry

protection products

Plan, organize & conduct experiments to optimize the biological, marketing, regulatory & production performance of products

Plan and control/carry out lab work to develop, understand & test new & improved manufacturing processes

ensure protocol objectives are met

Conduct retrospective database analysis in order to determine

effectiveness of past treatments

& that project standards are

Record & deliver critical data

JOB OUTLOOK

Ρ



RECOMMENDED H.S. COURSES

Ag education, statistics, algebra, genetics, biology, chemistry, physics

TYPICAL EMPLOYERS

Academia; animal pharmaceutical, crop protection & alternative energy companies; biotechnology firms

POOR	FAIR	GOOD	GREAT	EXCELLENT	
В	iostatistician				EDUCATION NEEDED
	EVIEW ath & statistics to re scientific probl	,		$f(x_{.}) = a \times 98^{2}$	Master's or PhD in statistics, biostatistics, mathematics, or statistical genetics
	in developing st a ques , design stud			2 x 800 x 1033 80 x 830 x 190	RECOMMENDED H.S. COURSES
,	v case reports &	forms to			Ag education, biology,

ucation, biology, chemistry, statistics, anatomy, advanced mathematics

TYPICAL EMPLOYERS

Animal pharmaceutical & biotechnology companies, academia, research groups & companies

JOB OUTLOOK

maintained

POOR	FAIR	GOOD	GREAT	EXCELLENT

PROFESSIONALS IN AG RESEARCH CAN EXPECT TO EARN N AVERAGE OF \$80,500 PER YEAR



Learn more about all kinds of careers in agriculture including Agribusiness, Plant Science, Animal Science, and more by visiting www.agcareers.com/career-profiles.