

HORTICULTURE

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.

Athletic Turf Manager

JOB OVERVIEW

Produce & maintain sporting grounds including turf management and surroundings

Plan, oversee, and project-manage major athletic grounds and fields renovation projects

Supervise conversion and protection of athletic fields during special events

Manage and review irrigation system performance as well as damage caused by weather or usage

JOB OUTLOOK



EDUCATION NEEDED

Bachelor's in turfgrass management

RECOMMENDED H.S. COURSES

Ag education, Spanish, biology, chemistry, environmental science, mathematics

TYPICAL EMPLOYERS

Universities, golf courses, municipal stadiums, and professional sporting teams

Florist

JOB OVERVIEW

Design and create arrangements of flowers in vases, bouquets, sprays, or larger displays for special gifts or events

Manage bookings of events & deliver arrangements

Provide quotes & take orders

Have knowledge of flowers and be able to provide recommendations

Maintain cleanliness and care of plants

JOB OUTLOOK



EDUCATION NEEDED

High school diploma or associate degree in business management, floral design, or plant landscaping

RECOMMENDED H.S. COURSES

Ag education, biology, horticulture, plant science, art, home economics, business

TYPICAL EMPLOYERS

Floral shops, landscaping businesses, event companies, or you may be self-employed

Greenhouse Manager

JOB OVERVIEW

Manage daily operations involved with running a greenhouse or nursery

Oversee inventory of plants and plan species to be planted in conjunction with holidays, climate, time of year, etc.

Be knowledgeable about stages of plant life and diseases that may occur

Perform harvest of plants or their fruits

JOB OUTLOOK



EDUCATION NEEDED

An associate or bachelor's degree in horticulture

RECOMMENDED H.S. COURSES

Ag education, biology, horticulture, plant science, mathematics

TYPICAL EMPLOYERS

Greenhouses or companies that produce either bedding plants, hydroponics, seeds, shrubbery, or flowers; you may also be self-employed

Hydroponics Producer

JOB OVERVIEW

Produce crops with only a water solution rich in nutrients, typically in greenhouses

Determine nutrients needed by plants being produced

Oversee maintenance of hydroponic equipment and greenhouse, ordering of necessary equipment and seeds, and accurate records

Develop a system and time schedule for planting

JOB OUTLOOK



EDUCATION NEEDED

High school diploma

RECOMMENDED H.S. COURSES

Ag education, biology, horticulture, plant science, computer and business courses, mathematics

TYPICAL EMPLOYERS

Specialty food production companies or you may be self-employed

PROFESSIONALS IN HORTICULTURE CAN EXPECT TO EARN
AN AVERAGE OF \$45,500 PER YEAR