



Pomology



Pomology is the study, production, storage, processing, and marketing of fruit crops including tree fruits, berries, and nuts. It is a specialized branch of horticulture that focuses on fruit-bearing plants.

Common crops in the pomology industry include temperate fruits (apple, pear, cherry, peach, plum), tropical and subtropical fruits (mango, banana, pineapple, citrus fruits—orange, lemon, lime), nuts and dried fruits (almond, walnut, pecan, pistachio), berries (raspberry, blueberry, strawberry, blackberry, cranberry).

Pomology practices include propagation (grafting, budding, cuttings, layering, tissue culture), pruning (removing unwanted branches to promote healthy growth and fruiting), training (directing the plant to grow in a specific shape or structure), soil and nutrient management, irrigation management, pest and disease management, pollination management, orchard establishment and layout, post-harvest handling, breeding and biotechnology, and crop regulation and growth management.

Pomology provides jobs in farming, management, research, and marketing.

Pomology career options include:

- **Pomologist:** Studies fruit trees and plants to improve varieties, yields, disease resistance, and post-harvest management.
- **Fruit Crop Researcher:** Conducts experiments on fruit crop genetics, pest resistance, and improved cultivation methods.
- **Orchard Manager:** Oversees the planting, maintenance, pest control, irrigation, and harvesting of fruit orchards.
- **Fruit Breeder/Geneticist:** Develops new fruit varieties with improved traits (taste, disease/pest resistance, shelf life).
- **Post-Harvest Technologist:** Ensures fruit quality after harvest, developing methods for storage, transport, and processing.
- **Farm Equipment or Input Sales Representative:** Sells specialized equipment, fertilizers, and inputs to fruit farmers.



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