

## Controlled Environment Horticulture

### Cloche and Orangery



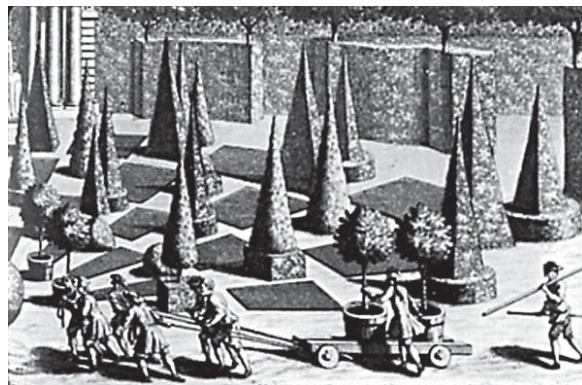
Glass cloche 1718. Source: Berrall, p.376.



Growing peach on wall, Jolen Innes, Hertford, England, 1962.



Orangery, 17th century Dutch "stove" for protecting oranges. Source: Berrall, p.377.



Moving pot plants from orangery, 1730. Source: Berrall, p.374.

### Cold frames and Greenhouses



Cold frame for protecting plants. Gobelin tapestry, 18th century. Source: Berrall, p. 377.



Humphrey Repton's forcing garden for Woburn Abbey. 18th century. Source: Berrall, p.377.



## Greenhouses



The Wardian case made transport of live plants by ship safer and easier. Source: Hyams, p. 1.



Climatron, Shaw Botanical garden, St. Louis, Missouri.

## Plastic Greenhouses and Tunnels



Inside plastic greenhouse, 1980s.



Muskmelons grown under plastic tunnels, Lower Galilee, Israel.



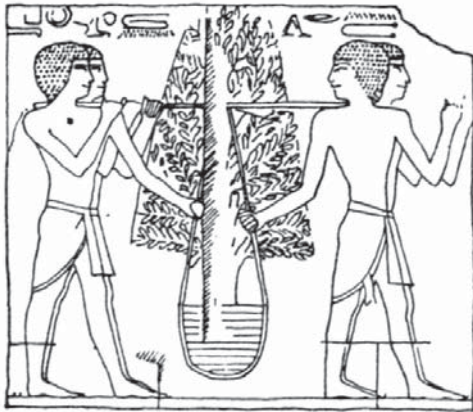
Abu Dhabians and their camels stroll by controlled environment greenhouses, which use seawater for heating, cooling, and irrigation. Courtesy, Carl O. Hodges.



Growing lettuce in phytotron researching the growth of plants in space. Courtesy, Cary Mitchell.



### Moving Plants



Source: Wright, 1934.



Tree spade, 1960s.

### Turf Cutting



Colonial lawn mowing.



First lawn mower, 1830. Source: Berrall, p. 381.



1920s



Greens mower.



Conventional home gasoline lawn mower.



### Rolling Turf



Rolling Turf, 1757. Source: Berrall, p. 380.



### Cutting Sod



Newly developed liquid mulch sod planter (LMSP), 2000.