

THEORY

Introduction and importance, Classification of vegetables, Cropping systems; succession, relay and multiple cropping etc., Recent trends in vegetable production, Factors affecting vegetable production, Hardening, Pruning and staking, Bulb and tuber formation, Crop management and quality assurance, Parthenocarp and seedlessness. Physiological disorders, Production problems and their management, Use of plant growth regulators.

PRACTICALS

Identification and description of flower, fruit and seed of important cultivars of vegetables, Seed priming, Methods of sowing, Raising nursery, hardening and transplanting of seedlings, Pruning and staking practices, Visits to vegetable farms.

BOOKS RECOMMENDED

1. Dhaliwal, M.S. 2008. Handbook of Vegetable Crops. Kalyani Publishers, Ludhiana, New Delhi, India.
2. Fordham, R. and A.G. Biggs. 1985. Principles of Vegetable Crop Production. Collins, London.
3. Hazra, P. and M.G. Som. 2005. Vegetable Science. Kalyani Publishers, Ludhiana, New Delhi, India.
4. Bose, T.K., M.G. Som and J. Kabir. 1993. Vegetable Crops. Naya Prokash, Calcutta-Six.
5. Swaider, J.M., G.W. Ware and J.P. McCollum. 2002. Producing Vegetable Crops (5th Ed.), Interstate Publishers Printers and Publishers Inc., Danville, Illinois.
6. Singh, A.P. 2003. A Textbook of Vegetable Culture. Kalyani Publishers, Ludhiana, New Delhi, India.
7. Wein, H.C. 1997. The Physiology of Vegetable Crops. CAB International Publishing, Wallingford, UK.