

GENERAL INFORMATION

1. Name of the Trade : Horticulture Assistant
2. N. C. O. Code No. : 53.20
3. Duration of Apprenticeship Training. Two years including one year Basic Training.
4. Entry Qualification : Pass 10th class examination under 10+2 system of education or its equivalent.
5. Ratio of Apprentice to: Workers. 1 : 7

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| 9. Layout practice of land scape gardening and orchard. | |
| 10. Practice in growing pot plants under green house conditions. | |
| 11. Practice of flower arrangements. | |
| 12. Any other practice which may be deemed necessary for the course. | |

TRADE THEORY - 1ST YEAR

(12 Hrs. per week or 600 Hrs. per year approximate)

	<u>No. of Hours.</u>
1. <u>General Principles :</u>	
Types of soils soil management practice choice of crops, manures and fertilizers, nursery raising and their transplantation, seed bed preparation methods of plant propogation.	100 Hrs.
2. <u>Nursary Production :</u>	
Principles and practices involved in site selection, layout, soils, fertilizers, lifting transplanting etc.	100 Hrs.
3. <u>Plant Propogation :</u>	
Seeding, budding, cutting and layering techniques of propogation and their methods with reference to particular crops.	60 Hrs.
4. <u>Fruit Growing :</u>	
Selection of site, preparations of land and nursery, layout of orchards, General-Principles and practices involved in cultivation of important fruits.	120 Hrs.
5. <u>Vegetable Growing :</u>	
Scope and importance of vegetable growing. types of vegetables, classification of vegetable crops, cultivation practice for important winter and summer vegetable crops	120 Hrs.