

Low-chill Peach Tree Training and Pruning



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**“Your Peach Orchard Starts
from the Nursery”**



- **Training:** A practice where the growth of a tree, typically when it is young, is managed to achieve the desired size and form.
- **Pruning:** A practice of removing a portion of a tree, generally a limb, in order to cut out damage or promote growth, or to maintain the structure of the tree.

Winter pruning

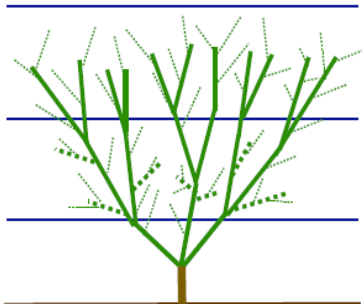
Summer pruning



Training Systems

Low Density Planting (LDP)

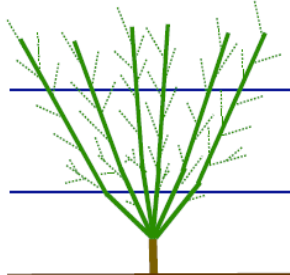
3.5 – 5.0 × 4.0 – 5.0 m



Open vase

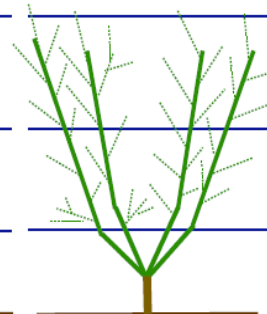
Medium Density Planting (MDP)

3.0 × 4.5 m



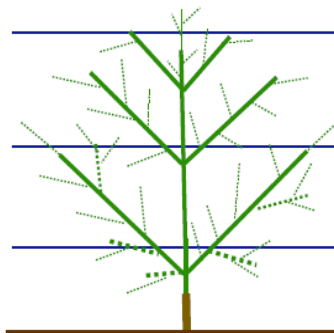
Hex-V

2.5 – 3.5 × 4.5 m



Quad-V
Delayed vasette

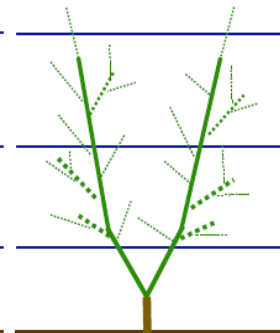
2.0 – 3.5 × 4.0 – 4.5 m



Palmette

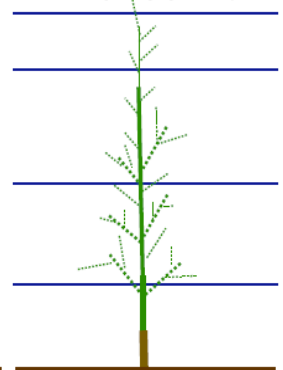
High Density Planting (HDP)

1.5 – 2.0 × 4.0 – 4.5 m



Y-Shaped
Tatura Trellis
KAC-V
Bi-Axis

1.2 – 2.0 × 3.5 – 4.0 m



Fusetto
SSA
TSA

Training Systems



Open Centre (Vase) Training System in FL



Open Centre (Vase) Training System Y1



Open Centre (Vase) Training System Y2



Open Centre (Vase) Training System Y2



Open Centre (Vase) Training System Y3



Open Centre (Vase) Training System Y3, Y4,...



Winter Pruning

- Keep the tree to a manageable height
- Old fruiting branches should not allow being developed inside the tree canopy
- Remove old fruit and dead shoots
- Remove strong water shoot grown inside the canopy
- Remove the secondary laterals that are competing with the scaffold.
- To eliminate some flower buds, remove some laterals or tip lateral over 15 inches by cutting them off about 1/3
- Remove all the growth including suckers within 20 inches of the ground



Summer Pruning



Aim of summer pruning:

- 2 to 3 weeks after fruit harvesting
- To allow light to penetrate the tree
- To allow air to circulate inside the canopy
- To ensure good flower bud development (fruiting wood)

Summer Pruning



Cutting back the tree at a manageable height of 6-8 feet

Summer Pruning



Remove suckers coming from the rootstock

Summer Pruning



Remove overly vigorous branches (water shoots) that are growing vertically inside the canopy

Summer Pruning



Head back branches with excessive blind nodes and remove any dead branches

Summer Pruning



- Keep the tree to a manageable height
- Remove strong water shoots inside the canopy and leave weak lateral growth to protect scaffolds from sunburn
- Remove some laterals if growth is excessive
- Remove dead shoots and head back blind woods
- Remove all suckers



Sanitizing pruning equipment:

- 10% bleach solution or quaternary ammonium
- 70% isopropyl alcohol
- 70% Ethanol





- Reducing production cost
- Pests management
- Simplify operational practices

- Producing high-quality fruit
- Improving spray coverage

Acknowledgment





Thank You!!

*"I cannot do all the good that the world needs. But the world needs all the good that I can do."-
Jana Stanfield*