

Avocado Pear Farming Overview

1. Planting Distance:

- **Recommended Spacing:** Avocado trees should be planted about 6-8 meters apart, depending on the variety and the type of soil. This spacing ensures that the trees have enough space to grow and spread their branches without crowding each other.
- **Per Hectare:** Given this spacing, approximately 156-278 trees can be planted per hectare, depending on the exact spacing used.

2. Practical Steps in Planting:

1. **Site Selection:** Choose a well-drained location with rich, loamy soil. Avocado trees thrive in slightly acidic to neutral pH soils (pH 6-7).
2. **Land Preparation:** Clear the land of weeds and debris, and till the soil to improve aeration and drainage.
3. **Digging Holes:** Dig planting holes about 60 cm deep and 60 cm wide. The size can vary depending on the root ball of the seedlings.
4. **Planting:** Place the avocado seedling in the hole, making sure the root ball is at ground level. Fill the hole with soil, firming it around the base of the plant. Water immediately after planting.
5. **Mulching:** Apply mulch around the base of the tree to retain moisture and suppress weeds.
6. **Watering:** Avocados require regular watering, especially in the early stages. Ensure the soil remains moist but not waterlogged.

3. Fruiting Duration:

- **Time to Fruit:** Avocado trees typically take 3-4 years to start bearing fruit when grown from grafted seedlings. Trees grown from seeds may take longer, around 7-10 years.

4. Tree Quantity Per Plot and Hectare:

- **Per Plot:** For a standard 1000 square meter plot, you can plant around 25-30 trees.
- **Per Hectare:** As mentioned earlier, depending on the spacing, 156-278 trees can be planted per hectare.

5. Possible Yields Per Tree:

- **Yields:** A mature avocado tree can produce between 200-500 fruits per year, depending on the variety, growing conditions, and management practices.

6. Span of Life for the Tree:

- **Lifespan:** Avocado trees have a long lifespan and can live and produce fruit for over 50 years under proper management. Some trees may continue to produce for up to 100 years, though yields may decrease as the tree ages.

With these guidelines, you can successfully establish an avocado orchard, ensuring good growth and productivity for many years.