

Orchard Intensity Standards

Orchard

These operations are in the business of cultivating and growing of trees that produce crops of fruits and/or nuts which are sold commercially. Typical orchards found in this area include peach, apple, plum, fig, pear and pecan. Land used for these types of agricultural purposes has a regular schedule for erosion control, insect/pest control, fungus control, fertilizing, weed/brush control, pruning, watering and harvest. The ground under the trees is closely mowed. Orchards must be planted in a grid pattern. This operation can yield abundant harvests off small acreage.

Requirement

3 acres (*pertains to acreage devoted only to the orchard operation*)

| Type Crop | Minimum Acres | Cultivation | Fertilization | Irrigation |
|---------------|---------------|-------------|---------------|------------|
| Orchard Fruit | 3 | None | Yes | Irrigated |
| Orchard Pecan | 3 | None | Yes | Irrigated |

| Stage of Growth | Space within row | Space between rows | Tree/Acre | Tree Size | Growth Year |
|---------------------|------------------|--------------------|-----------|------------|-------------|
| Development (pecan) | 35 ft | 35 ft | 36 | N/A | 1st - 7th |
| Mature (pecan) | 60 ft | 60 ft | 12 | 15 - 20 ft | 8th - 10th |
| Development (fruit) | 18 ft | 22 ft | 110 | N/A | 1st - 4th |
| Mature (fruit) | 18 ft | 22 ft | 110 | 15 - 20 ft | 5th - 7th |

Typical Management Practices

- Site preparation,
- Erosion control,
- Pest control,
- Fungus control,
- Pruning,
- Irrigation system,
- Record keeping and
- Marketing