

Cold Hardy Tropical Fruit Trees

* relatively cold hardy once established at least to light frost for a few hours

** cold hardy to light freeze once established

*** very cold hardy to hard freeze once established

Apple, Pear tree – *Malus sp.* ***

Actinidia sp - Kiwi ***

Akee tree, *Blighia sapida* **

Annona sp. - Golden Pineapple Annona **

Aronia melanocarpa - Chokeberry Viking ***

Avocado tree (*Persea americana*) **

Banana (*Musa sp.*) **

Black Sapote, *Diospyros digyna* **

Blackberry, Raspberry (*Rubus sp.*) ***

Bunchosia argentea - Peanut Butter Tree *

Canistel Sapote tree, *Pouteria campechiana* **

Eugenia aggregata - Cherry of the Rio Grande **

Eugenia braziliensis - Grumichama **

Eugenia cabelluda - Yellow Jaboticaba **

Eugenia uniflora - Surinam Cherry **

Fig tree (*Ficus carica*) ***

Flacourtia indica - Governors plum **

Guava tree, Tropical - *Psidium guajava* **

Hog Plum, *Spondias purpurea* **

Ice Cream Bean tree, *Inga edulis (feuilleei)* **

Jaboticaba tree, *Myrciaria cauliflora* **

Jackfruit tree (*Artocarpus heterophyllus*) *

June Plum, *Spondias cytherea* **

Litchi chinensis – Lychee *

Longan tree, *Euphoria longana* *

Loquat tree (*Eriobotrya japonica*) ***

Macadamia integrifolia - Macadamia Nut ***

Malpighia glabra - Barbados Cherry, Acerola **

Morinda citrifolia - Noni Tree *

Moringa oleifera - Horseradish tree **

Mulberry tree (*Morus sp.*) ***

Olive tree, *Olea europea* ***

Pachira aquatica - Malabar Peanut **

Papaya, *Carica papaya* *

Parmentiera edulis - Candle Tree, Guahalote **

Passiflora edulis - Passion Fruit, Maracuya **

Peach, Plum, Apricot, Nectarine - *Prunus sp.* ***

Persimmon tree - *Diospyros sp.* ***

Phyllanthus acidus - Amlak, Otaheite
Gooseberry **

Pineapple, *Ananas comosus* **

Pitaya Dragon Fruit, *Hylocereus sp.* **

Pomegranate, *Punica granatum* ***

Randia formosa - Blackberry Jam Fruit **

Sapodilla tree, *Achras (manilkara) zapota* **

Starfruit, Carambola - *verrhoa carambola* **

Tamarind tree, *Tamarindus indica* ***

Terminalia catappa - Tropical Almond **

Cold Hardy Avocado Varieties

Important factors to consider:

- 1. Plant size.** Small plants are very tender and susceptible to cold weather. Expect 1-2 winters for the avocado tree to establish root system and gain hardiness.
 For young trees: when a freeze is expected, cover the tree with a blanket. During hard freeze, add a string of lights or a small heater under the covers. Mature trees are more cold resistant and do not need this extra protection.
- 2. Exposure and wind.** Cold tolerance depends on many factors. Location and wind protection are very important. Plant a tree, so it will be protected from cold wind, which is much more harmful than cold temperature.
- 3. Plant health.** Healthy, well taken care of plants are more cold tolerant. Plant health and vigor can be ensured by regular fertilizing program throughout the year.
- 4. Water and humidity.** Humidity plays an important role. In general, plants grown in areas with dry, low humidity winters are more cold tolerant than plants grown in areas with wet winters. For example, a plant can withstand 10-15F in the dry Texas/Florida winter, but may tolerate only 20F in the wet East Coast climate. Avocado tree needs very little water during cold season. It's very sensitive to over-watering. There is no faster way to kill the plant than too much water during a cold spell. Good drainage is the most important factor to consider when planting an avocado tree. In areas with poor drainage, create a mound of soil and plant the tree on the mound. Avocados like water but can't have wet feet.

Variety	Min temp	Variety	Min temp
Bacon	20F	Lula	25F
Bernecker	30F	Marcus Pumpkin	25F
Black Prince	25F	Mexicola	20F
Brazos Belle (Wilma)	15F	Mexicola Grande	25F
Brogdon (Brogden)	20F	Miguel	20F
Catalina	30F	Nishikawa	25F
Choquette	25F	Oro Negro	25F
Day	20F	Poncho (Pancho)	25F
Fantastic	15F	Thomson Red	15F
Florida Hass (Haas)	30F	Tonnage	25F
Fuerte, Dwarf	20F	Ulala (Super Hass), Dwarf	20F
Hall	25F	Waldin	20F
Hardee Red	25F	Winter Mexican	25F
Joey	15F	Wurtz	25F
Lila (Opal)	15F	Yamagata	25F