

Freezing Temperatures for Some Fruit, Nut & Oil Plants

- a. These are "ball park" figures given for older plants. Flowers and fruit, smaller branches and newer plants freeze earlier.
 b. More damage occurs if plant is at these temperatures for more than a short time and if it is the first frost of the year.
 c. Freezing temperatures may vary due to weather conditions and plant variety.

Fruit	Low	Fruit	Low
Around 32-28		About 19-10	
Avocado-Guatemalan	30-26	California Fan Palm	18 <i>Washingtonia filifera</i>
Babaco	29	Fig	13
Banana	32-15 grows only between 50 & 80	Grape - European	10
Guava - tropical	29 <i>Psidium guajava</i>	Hazelnut, European	10
Lemon	32-30	Japanese Raisin Tree	10 <i>Hovenia dulcis</i>
Lime - Mexican	32	Jelly Palm	15 <i>Butia capitata</i>
Passion vine	32-28	Kiwi - fuzzy	10-15 flowers die at 30
Pineapple	32	Kumquat	18
Split-Leaf Philodenron	28 <i>Monstera delirosa</i>	Loquat	12 flowers die at 26
Tamarind		Mulberry - black	0-10 <i>Morus nigra</i>
		Pineapple Guava	15 <i>Feijoa sellowiana</i>
		Pistachio	10
		Pomegranate	12
		Chilean Guava	15 <i>Ugni molinae</i>
Around 27-25		Around 0 and below	
Cactus - some	25	Apple	-50 some better in warmer
Cherimoya	25 few hours only	Apricot	-40 probably
Citrus	25 + limes, lemons most sensitive	Autumn Olive	-40 <i>Elaeagnus umbellata</i>
Guava-Lemon, Strawb	25 <i>Psidium cattleianum</i>	Blueberries - highbush	-30
Grumachama	26 <i>Eugenia brasiliensis</i>	Blueberries - rabbiteye	-10 blooms die at 30
Jabuticaba	26 <i>Myrciaria cauliflora</i>	Cactus	-25 some Opuntia
Litchi	25	Che-Chinese Melon Berry	-20 <i>Cudrania tricuspidata</i>
Macadamia	26 young trees die at 30	Chestnut	-30
Mango	25 flowers, fruit die at 40	Currant	-50
Natal plum	26 <i>Carissa grandiflora</i>	<i>Ginkgo biloba</i>	-10
Tree Tomato	25 Tamarillo- <i>Solanum betaceum</i>	Gooseberry	-50
Wampi	26 <i>Clausena lansium</i> - citrus like	Goumi	-20 <i>Elaeagnus multiflora</i>
		Grape - American	0
		Hazelnuts, American	-30
		Honeyberry	-40 Siberia
		Jujube	-25
		Kiwi-hardy	-25
		Mahonia (varies 15 to -40)	various barberries
		Mayhaw	-27
		Medlar	-25
		Mulberry (varies 25 to -30)	-30 <i>Morus alba, M. rubra</i>
		Nanking cherry	-30
		Pawpaw	-20 <i>Asimina triloba</i>
		Pear	-40
		Persimmon	0
		Plum	-20 blooms damaged at 26
		Raisin Tree	-10 <i>Hovina dulcis</i>
		Raspberry	-35 some only to -10
		Rhubarb	-50 Siberia
		Saskatoon	-50 Juneberry
		Seaberry	-40

Fruit Temperatures

Fruit	Low	conditions (chill hours-between 32-45)
Apple	-50	
Apricot	-40	probably
Avocado -Guatemalan	30-26	
Avocado-Mexican	24-19	
Babaco	29	
Bananas	32-15	stop growing below 50 & above 80
Blueberries		
California Fan Palm	18	Washingtonia filifera
Caper	22	roots to 18
Capulin Cherry	19	
Carob	20	
Cereus peruvianus	20-25	
Che	-20	
Cherimoya	25	few hours only
Cherry of Rio Grande	20	Eugenia aggregata
Chestnuts - probably	-35	
Citrus	25 +	limes, lemons most sensitive
Currant	-50	
Eleagnus - Goumi	-20	
Eleagnus -Autumn Olive	-40	
Fig	13	
Ginko biloba	-10	
Goosebery	-50	
Grapes - American	0	
Grapes - European	10	
Grumichama	26	
Guadalupe Palm	20	Brahea edulis
Guava -tropical	29	
Jaboticaba	26	for a few hours
Jelly Palm	15	Butia capitata
Jujube	-25	
Kei Apple	20	
Kiwi - fuzzy	10-15	flowers freeze at 30
Kiwi-hardy	-25	
Kumquat	18	
Lichi	25	
Lime - Mexican	32	
Loquat	12	buds at 19, flowers at 26
Macademia	24	
Mandarins	mid 20s	
Mango	25	flowers and small fruit killed at 40
Mayhaws	-27	
Medlar		
Monstera delicosa	28	
Mulberry	10	
Mulberry	-30	
Natal plum	26	
Oregon Grape		
Passion vine	32-28	
Pawpaw	-20	

Pear	-40	probably
Persimmons	0	
Pineapple	32	
Pineapple Guava	15	Feijoa
pistachios	10	
Plum		
Pomegranate	12	
Raisin tree-Hovina dulcis	-10	
Raspberry	-40	
Rhubarb	-50	
Sapote (white)	22	few hours, 30 when young
Sascatoons, serviceb	-50	
Seaberry	-40	
Seaberry	-40	
Strawbery Guava	25	
Surinam Cherry	25	Eugenia uniflora 25 tops lost
Surinam Cherry	22	
Tamarind	28	
Tree tomato	25	28 new plants and small branches
Ugni - Chilean Guava	11	
Wampi-citrus like	26	