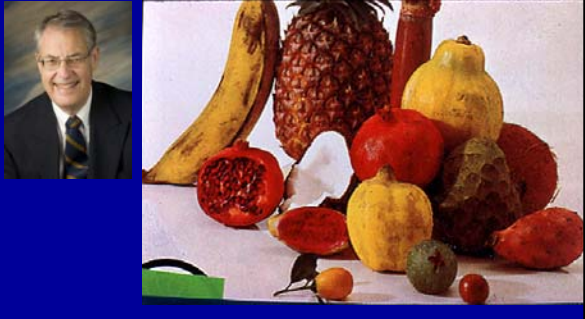


Lecture 34
Other Tropical & Subtropical Fruits





Tropical Fruit



Malaysian tropical fruits

Tropical Horticulture: Lecture 34







Tropical Horticulture: Lecture 34







Tropical Horticulture: Lecture 34

Anacardiaceae	Cashew	<i>Anacardium occidentale</i>
	Mango	<i>Mangifera indica</i>
	Pistachio	<i>Pistacia vera</i>
Annonaceae	Cherimoya	<i>Annona cherimola</i>
Bixaceae	Lipstick plant, annatto	<i>Bixa orellana</i>
Bombaceae	Durian	<i>Durio zibethinus</i>
Cactaceae	Pitaya, dragonblood	<i>Cereus peruvianus</i>
Ebenaceae	Japanese persimmon, kaki	<i>Diospyros kaki</i>
Guttiferae	Mangosteen	<i>Garcinia mangostana</i>
Lecythidaceae	Paradise nut, sapucaia	<i>Lecythis usitata</i>

Moraceae	Breadfruit	<i>Artocarpus altilis</i>
	Jackfruit	<i>Artocarpus heterophylla</i>
Myrtaceae	Guava	<i>Psidium guajava</i>
	Feijoa, Pineapple guava	<i>Feijoa sellowiana</i>
	Jaboticaba	<i>Myrciaria cauliflora</i>
	Mountain apple	<i>Syzygium malaccense</i>
	Surinam cherry, Acerola	<i>Eugenia uniflora</i>
Oxalidaceae	Carambola (Starfruit)	<i>Averrhoa carambola</i>
Passifloraceae	Passionfruit	<i>Passiflora edulis</i>
Proteaceae	Macadamia	<i>Macadamia ternifolia</i>

Rhamnaceae	Jujube, Chinese date	<i>Ziziphus jujuba</i>
Rosaceae	Loquat	<i>Eriobotrya japonica</i>
Sapindaceae	Lychee	<i>Litchi chinensis</i>
	Rambutan	<i>Nephelium lappaceum</i>
Sapotaceae	Canistel, sweetpotato fruit	<i>Pouteria campechiana</i>
	Mamey sapote	<i>Calocarpum sapota</i>
Solanaceae	Tomato	<i>Lycopersicon esculentum</i>
	Naranjilla	<i>Solanum quitoense</i>
	Tree tomato	<i>Cyphomandra betacea</i>
Sterculiaceae	Cupuassu	<i>Theobroma grandiflorum</i>

Anacardiaceae

Cashew (Anacardium occidentale)
Mango (Mangifera indica)
Pistachio (Pistacia vera)





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Cashew in flower

Continent	1000 tonnes	Chief countries
World	1,470	
Africa	577	Nigeria (184), Tanzania (122), Guinea (80)
North America	4	El Salvador (3), Dominican Republic (1)
South America	183	Brazil (180), Peru (2)
Asia	706	India (500), Indonesia (80), Viet Nam (68)



Mangos

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Mango



Mango in Bloom



***Mangifera indica* flowers**

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Tropical Horticulture: Lecture 34

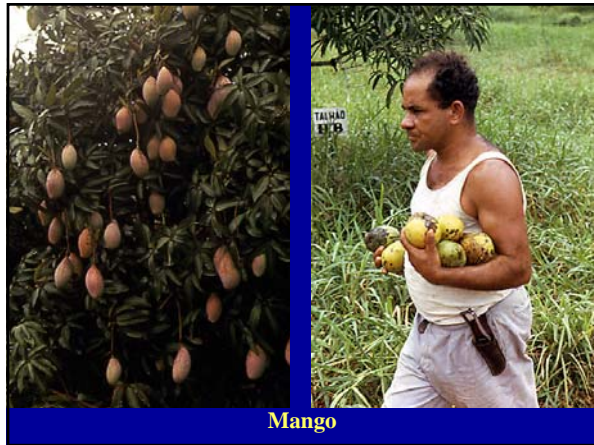






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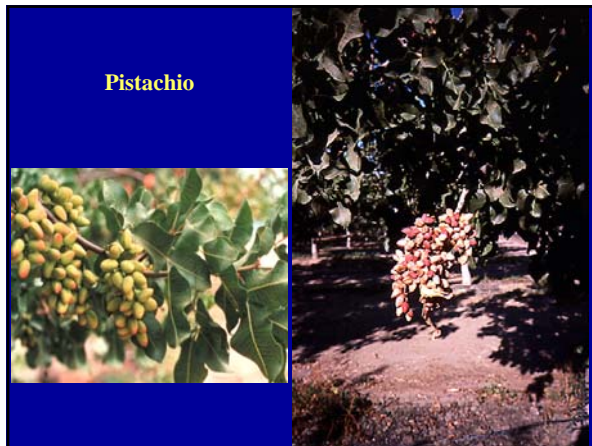




Mango

Mango Production (2001)		
Continent	1000 tonnes	Chief countries
World	25,104	
Africa	2,253	Nigeria (729), Egypt (311), Congo (206)
North America	2,233	Mexico (1459), Haiti (250), Dominican Republic (185)
South America	1,160	Brazil (540), Peru (163), Ecuador (142)
Asia	19,424	India (11500), Thailand (1350), Indonesia (950)
Oceania	34	Australia (28), Cook Islands (3), Samoa (3)

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Furrow-irrigated pistachios

Pistachio Production (2001)

Continent	1000 tonnes	Chief countries
World	321	
Africa	1	Tunisia (1)
North America	91	USA (91)
Asia	221	Iran (120), Syria (37), Turkey (35)
Europe	8	Greece (6), Italy (2)

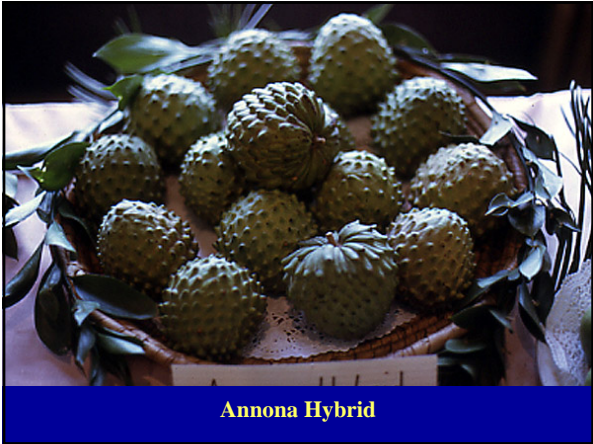
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Tropical Horticulture: Lecture 34







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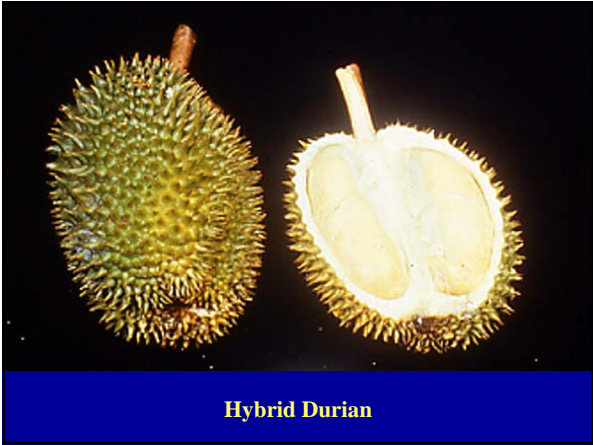






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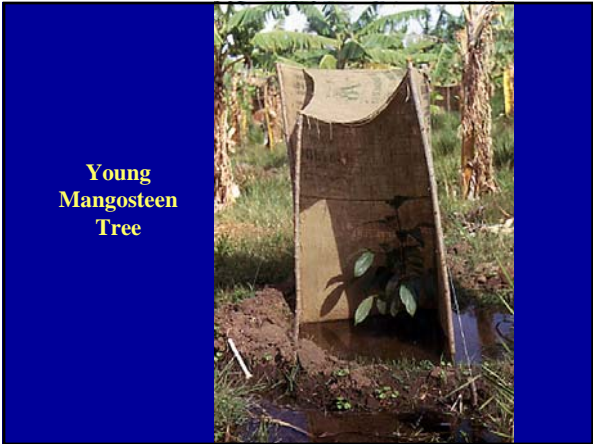


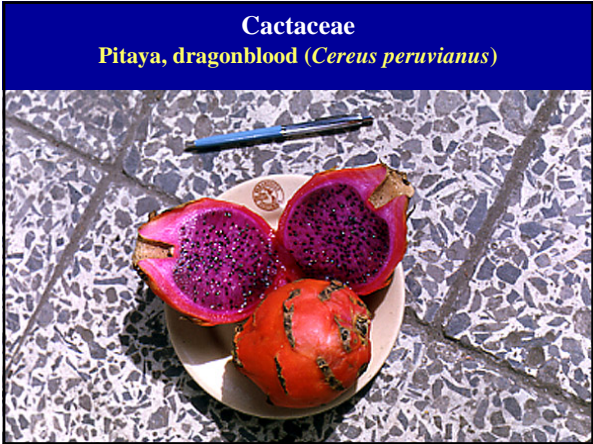
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Tropical fruit stand









Tropical Horticulture: Lecture 34

Ebenaceae
Japanese persimmon, kaki (*Diospyros kaki*)

Non-astringent (NA) PCNA Non-astringent at maturity whether seeded or not. Flesh color unaffected by seed at maturity.	Astringent (A) PCA Astringent at maturity unless treated. Flesh color unaffected by seed at maturity.
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Pollination constant (PC)

Pollination Variant (PV)

PVNA Non-astringent at maturity only if seeded. Flesh turns brown at maturity if seeded.	PVA Astringent at maturity unless treated. Brown flesh color only around seed at maturity.
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Pollination Variant (PV)



Myrtaceae

- Guava (*Psidium guajava*)
- Feijoa, Pineapple guava (*Feijoa sellowiana*)
- Jaboticaba (*Myrciaria cauliflora*)
- Mountain apple (*Syzygium malaccense*)
- Surinam cherry, acerola (*Eugenia uniflora*)





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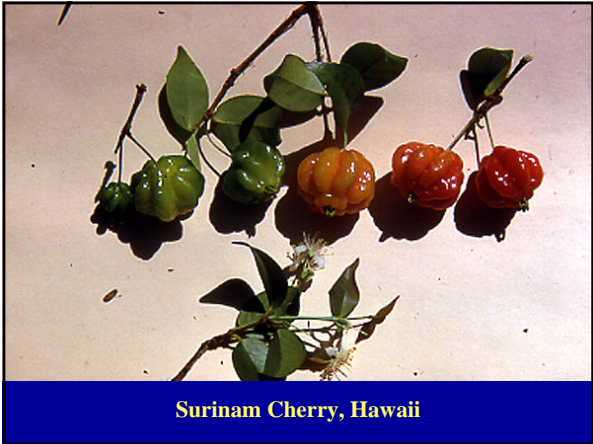












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Surinam Cherry, Hawaii

Moraceae
Breadfruit (*Artocarpus altilis*)
Jackfruit (*Artocarpus heterophylla*)

Breadfruit tree

A photograph of a large, bushy Breadfruit tree (Artocarpus altilis) in a rural field. The tree has thick, dark green, waxy leaves. In the background, there are other trees and a cloudy sky.

Jackfruit

A photograph of a Jackfruit tree (Artocarpus heterophylla) with several large, round, green fruits hanging from its branches. The tree has a thick trunk and large, dark green leaves. The ground is covered with dry leaves and mulch.



Charlie Hess holding Jackfruit, Brazil

Oxalidaceae
Carambola (Starfruit) (*Averrhoa carambola*)





Carambola







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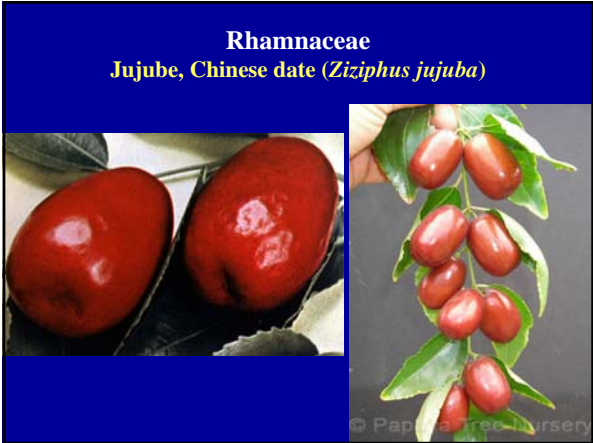






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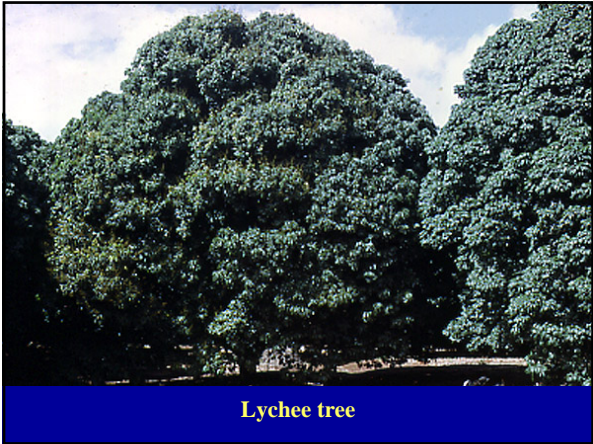


Rambutan



Rambutan, ripe

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Solanaceae

Tomato (*Lycopersicon esculentum*)
Naranjilla (*Solanum quitoense*)
Tree tomato (*Cyphomandra betacea*)
(renamed tamarillo in New Zealand)

Tomato, Avocado



Naranjillo



S. quitoense cv. La Salvia C. Coppens, CIRAD

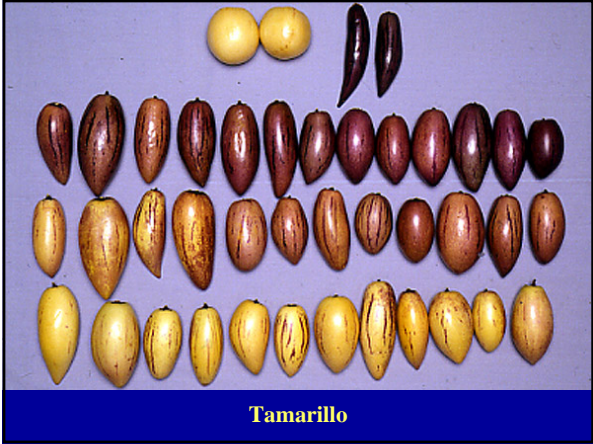
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Tamarillo



Tamarillo



Tamarillo

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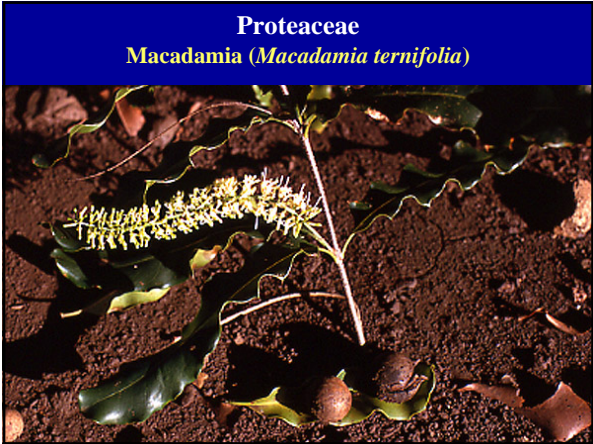
Cherimoya, passion fruit, tree tomato, apple, naranjilla



Tropical Nuts



**Lecythidaceae
Paradise nut, sapucaia (*Lecythis usitata*)**







Tropical Horticulture: Lecture 34



Australian Macadamia Nuts



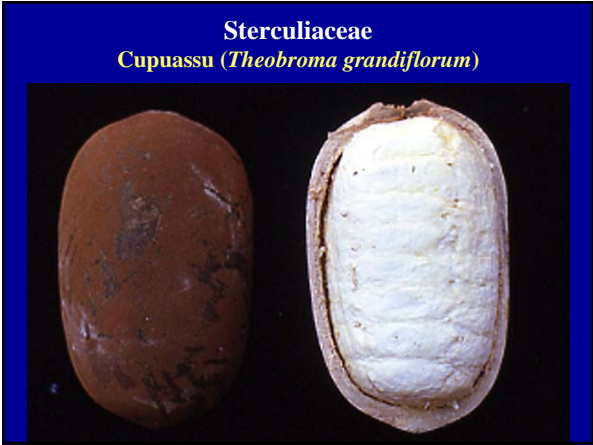
Macadamia

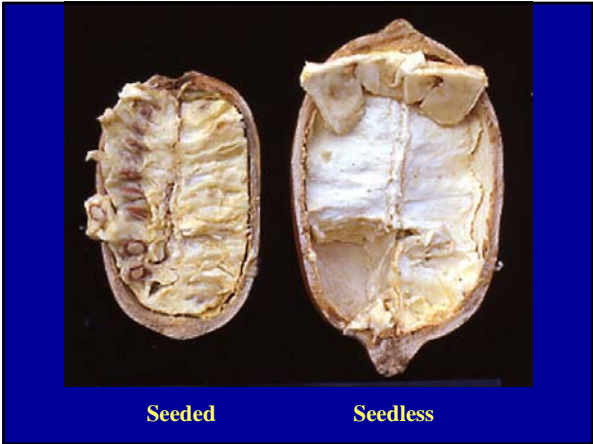


Macadamia Orchard

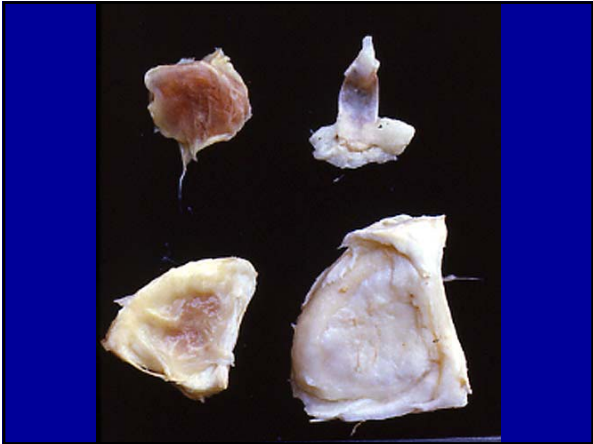


Macadamia Seedlings





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Grapes & living trellis

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