



Reality Check

It turns out that all of the above views are true. This course will attempt to present a balanced picture of the tropics.

picture of the tropics.

It is true, however, that the tropical world tends to be underdeveloped.

This course will try to develop answers to the following questions:

Why are the tropics poor? Why is hunger endemic in the tropics? What is the agricultural potential for the tropics? What is the horticultural potential of the tropics?

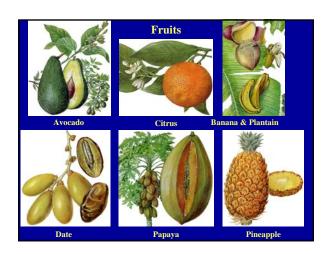
Narrowly defined the tropics are those areas on the earth's surface between the Tropic of Cancer (23.5°N) and the Tropic of Capricorn (23.5°S). The tropics represent: 36% of the earth's surface 20% of the land surface 43% of ocean surface O' For W. April Admin Concess Admin Conc

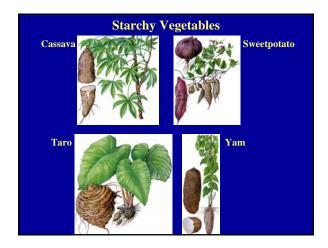
Short days and cloud cover restrict light High night temperatures increase respiration

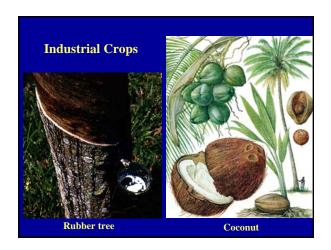
Tropical Climates 1. The tropics are winterless climates where the temperature differences between night and day are small but exceed by several times the difference between the warmest and coolest months. Night is the winter of the tropics! 2. Abundant rainfall Distributed either equally throughout the year (tropical rain forest) Extremely high in one period (monsoon) Divided into a wet and dry seasons (tropical savanna) 3. Daylength is close to 12 hours throughout the year (continual short days) These conditions have a tremendous effect on the type of natural vegetation and influence the type of horticulture. **Characteristics of Tropical Plants Short day plants Colorful flowers attracting insects** Perennial (some grown as annuals in temperate climates) Frost sensitive, some cold sensitive **Enormous plant diversity Agricultural Problems of the Tropics** No break in the growing cycle; pests and diseases more intense **Leached soils common Excessive rain in Tropical Rainy and Monsoon climate** Dry season in Savanna climates requires irrigation

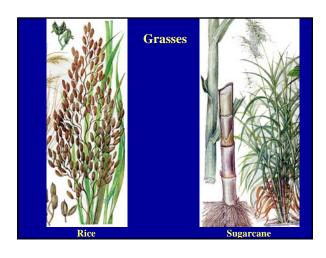
Tropical and Subtropical Crops Tropical agriculture involves important well-known crops. Major crops covered in this course will include: Beverage Crops Fruits Starchy Root Crops Industrial Crops Grasses (rice & sugar) Spices Ornamentals

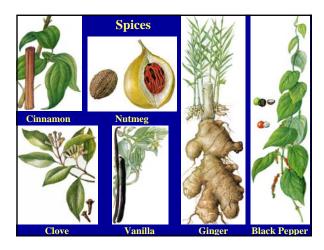




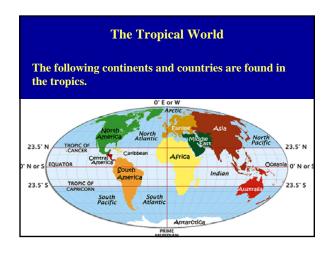












Country	Capital	Country	Capital
Algeria	Algiers	Angola	Luanda
Benin	Porto-Novo	Botswana	Gaborone
Burundi	Bujumbura	Cameroon	Yaounde
Central African Empire	Bangui	Chad	N'Djamena
Congo Republic	Moroni	Djibouti	Djibouti
Egypt	Cairo	Equatorial Guinea	Malabo
Eritrea	Massawa	Ethiopia	Addis Ababa
Gabon	Libreville	Gambia	Banjul
Ghana	Accra	Guinea	Conakry
Guinea-Bissau	Bissau	Ivory Coast	Abidjan
Kenya	Nairobi	Liberia	Monrovia
Libya	Tripoli	Madagascar	Antananarive

Africa			
Country	Capital	Country	Capital
Malawi	Lilongwe	Mali	Bamako
Maurtania	Nouakchott	Morocco	Rabat
Mozambique	Maputo	Namibia	Windhoek
Niger	Niamey	Nigeria	Lagos
Rhodesia (Zimbabwe)	Salisbury	Rwanda	Kigali
Sao Tomé e Principe	Sao Tomé	Senegal	Dakar
Sierra Leone	Freetown	Somalia	Mogadishu
South Africa	Cape Town, Pretoria	Sudan	Khartoum
Tanzania	Dar es Salaam	Togo	Lomé
Uganda	Kampala	Upper Volta	Ouagadougou
Zaire	Kinshasa	Zambia	Lusaka

North America		South America (12 countries	
Country	Capital	Country	Capital
United States (Hawaii)	Washington, DC	Argentina	Buenos Aires
		Brazil	Brasilia
Central Americ	a (8 countries)	Colombia	Bogota
Country	Capital	French Guiana	Cayenne
Belize	Bemopan	Paraquay	Asunción
El Salvador	San Salvador	Surinam	Paramaribo
Honduras	Tegucigalpa	Bolivia	La Paz
Nicaragua	Managua	Chile	Santiago
Costa Rica	San Jose	Equador	Quito
Guatemala	Guatemala	Guyana	Georgetown
Mexico	Mexico City	Peru	Lima
Panama	Panama	Venezuela	Caracas

Country	Capital
Antigua	St. John's
Bermuda	Hamilton
Dominica	Roseau
Guadeloupe	Bassa-Terre
Haiti	Port-au Prince
Puerto Rico	San Juan
Barbados	Bridgetown
Cuba	Havana
Dominican Republic	Santo Domingo
Grenada	St. George's
Jamaica	Kingston
Virgin Islands	St. Thomas

Country	Capital	Country	Capital
Bangladesh	Dacca	Brunei	Bandar Seri Begawan
Burma	Rangoon	Cambodia	Phnom-Penh
Indonesia	Djakarta	India	New Delhi
Malaysia	Kuala Lumpur	Laos	Vientiane
New Guinea	Port Moresby	Oman	Muscat
China	Peking	Yemen	Aden
Singapore	Singapore	Philippines	Manila
Taiwan	T'aipei	Saudia Arabia	Mecca, Rujadh
United Arab Emirates	Abu Dhabi	Thailand	Bangkok
Yemem Arab Republic	San'a	Vietnam	Hanoi

Oceania (18 countries)			
Country	Capital	Country	Capital
Australia	Canberra	American Samoa	Pago Pago
Caroline Islands	Ponape	Fiji	Suva
French Polynesia	Papeete	Gilbert Islands	Bairiki
Guam	Agana	Hawaiian Islands (US)	Honolulu
Nauru	Yaren	New Hebrides	Vila
Niue	Alofi	Pitcairn Islands	Adamstown
Solomon Islands	Homaro	Tokelau	Fenuafala
Tonga	Nuku alofa	Tuvalu	Tongafale
Wallis and Futuna	Matautu	Western Samoa	Apia