



# The Future of Tropical Rain Forests (IDS 2935)

1-1: Introductions

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## Part 1 (5 min)

What words / phrases / images come to mind when you hear:

**TROPICAL  
RAIN  
FOREST**

(write down 5-10)

## Part 2 (10 min)

After introducing yourselves (name, major, & year are a good start) try to answer these questions *without your phones or computers*:

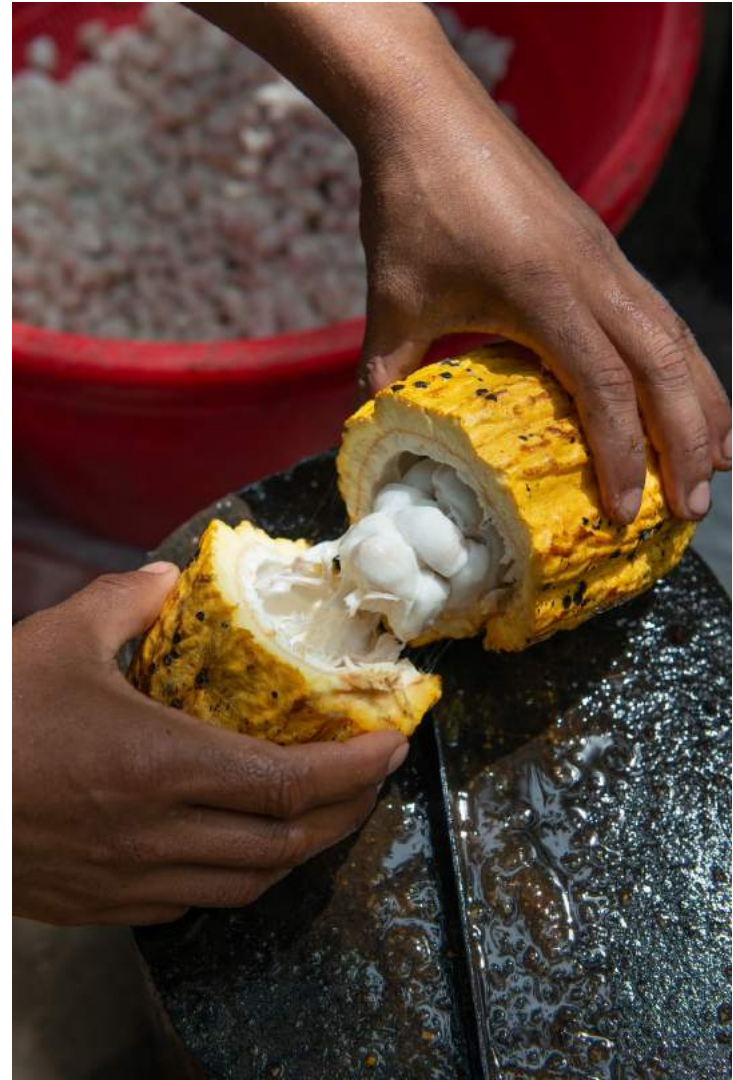


1. What is the main ingredient in chocolate?
2. What countries are the primary producers of this ingredient?

Answers:

1. What is the main ingredient in chocolate?

Cacao (*Theobroma cacao*)



Answers:

2. What countries are the primary producers of this ingredient?



Answers:

2. What countries are the primary producers of this ingredient?





Côte d'Ivoire: #1 Export  
(40% of export income, 4.95 B)

Ghana: #3 Export  
(16% of export income, 2.71B)

~90% of cacao grown  
worldwide is on  
small family farms.



Credit: ©2017CIAT/NeilPalmer



Trees felled for a cocoa plantation inside the Scio Forest Reserve in western Ivory Coast. MIGHTY EARTH

## The Real Price of a Chocolate Bar: West Africa's Rainforests

Rain Forest Cleared  
2002-2019: Ivory Coast:  
25%, Ghana: 8%

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Climate Change will  
greatly reduce area  
suitable for Cacao farming

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Estimated that  
demand for chocolate  
will DOUBLE by 2050.





Yangambi Engagement Landscape, DRC.  
Photo by Axel Fassio/CIFOR