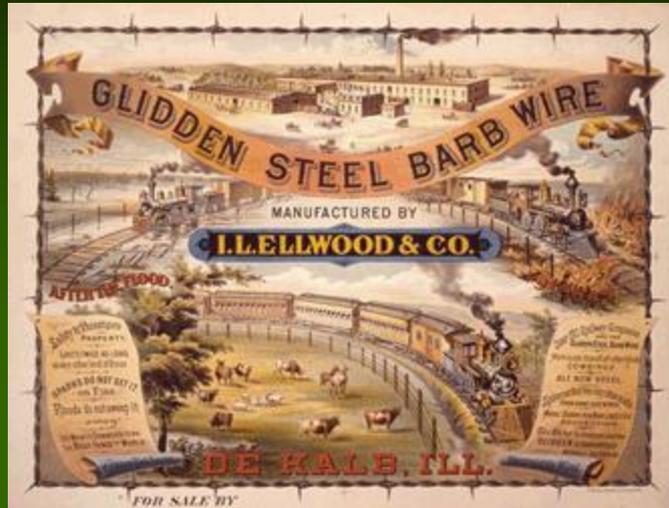
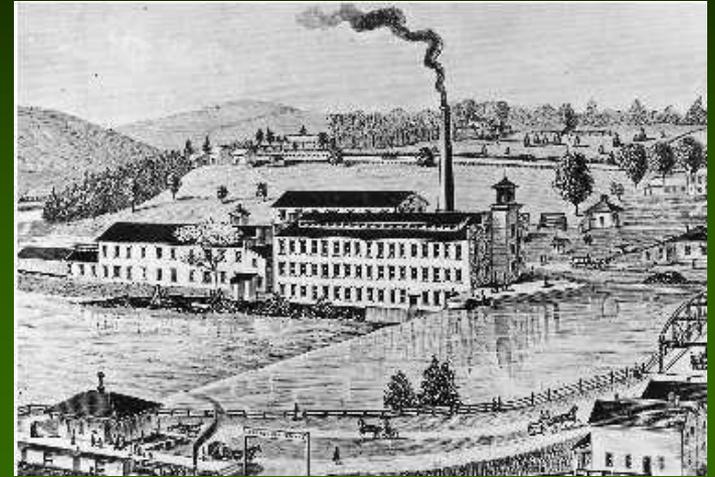


# Chapter 10 Exam Review

All of the following are associated with which agricultural revolution...1<sup>st</sup>, 2<sup>nd</sup>, or 3<sup>rd</sup> ?



Barbed wire



Industrial Revolution

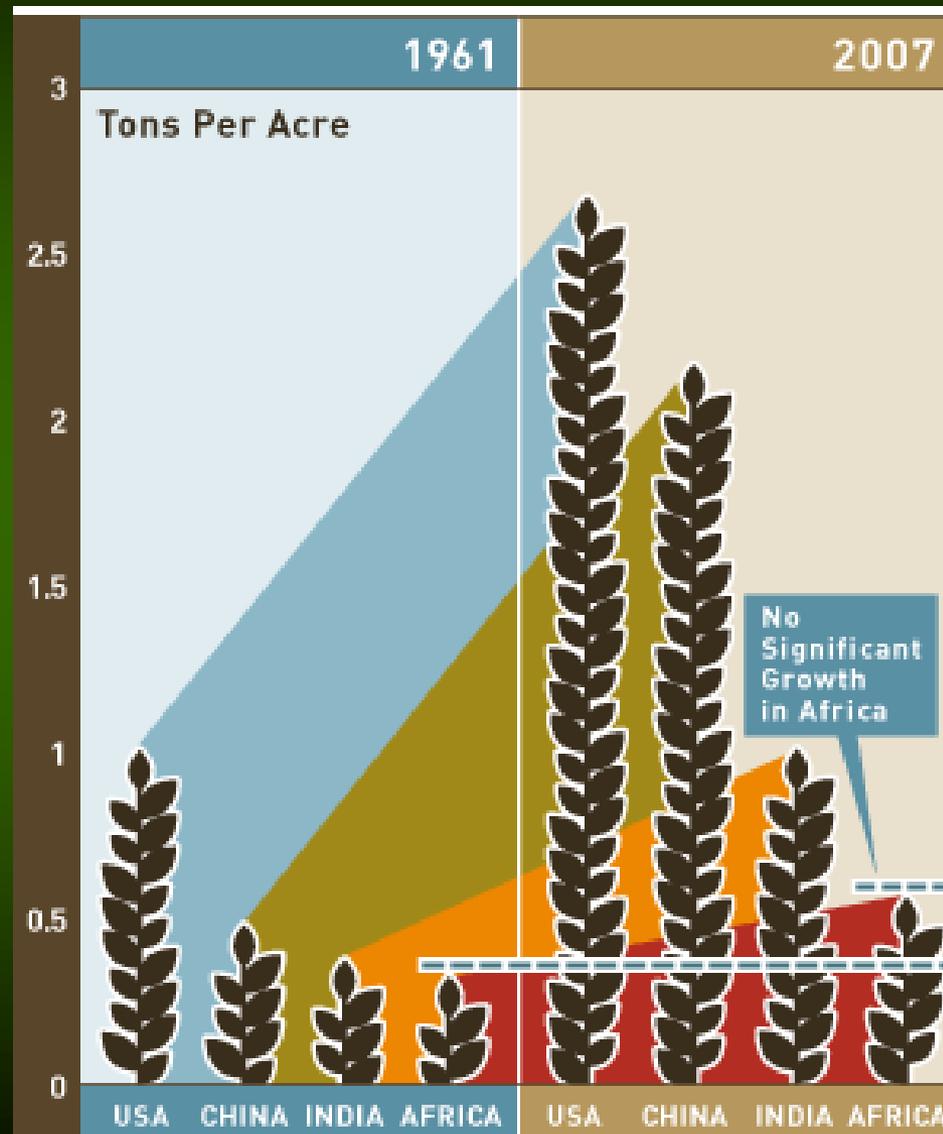


Enclosure Movement



Improved Food Storage

# Why did the Green Revolution NOT increase crop yield in Africa?



**CHART 4:** Africa missed out on the Green Revolution.

Why did the Green Revolution make LDCs in South Asia and Southeast Asia even more dependant on MDCs than ever before?



# Why are local agricultural landscapes in danger of losing genetic variety as a result of the Green Revolution in LDCs?



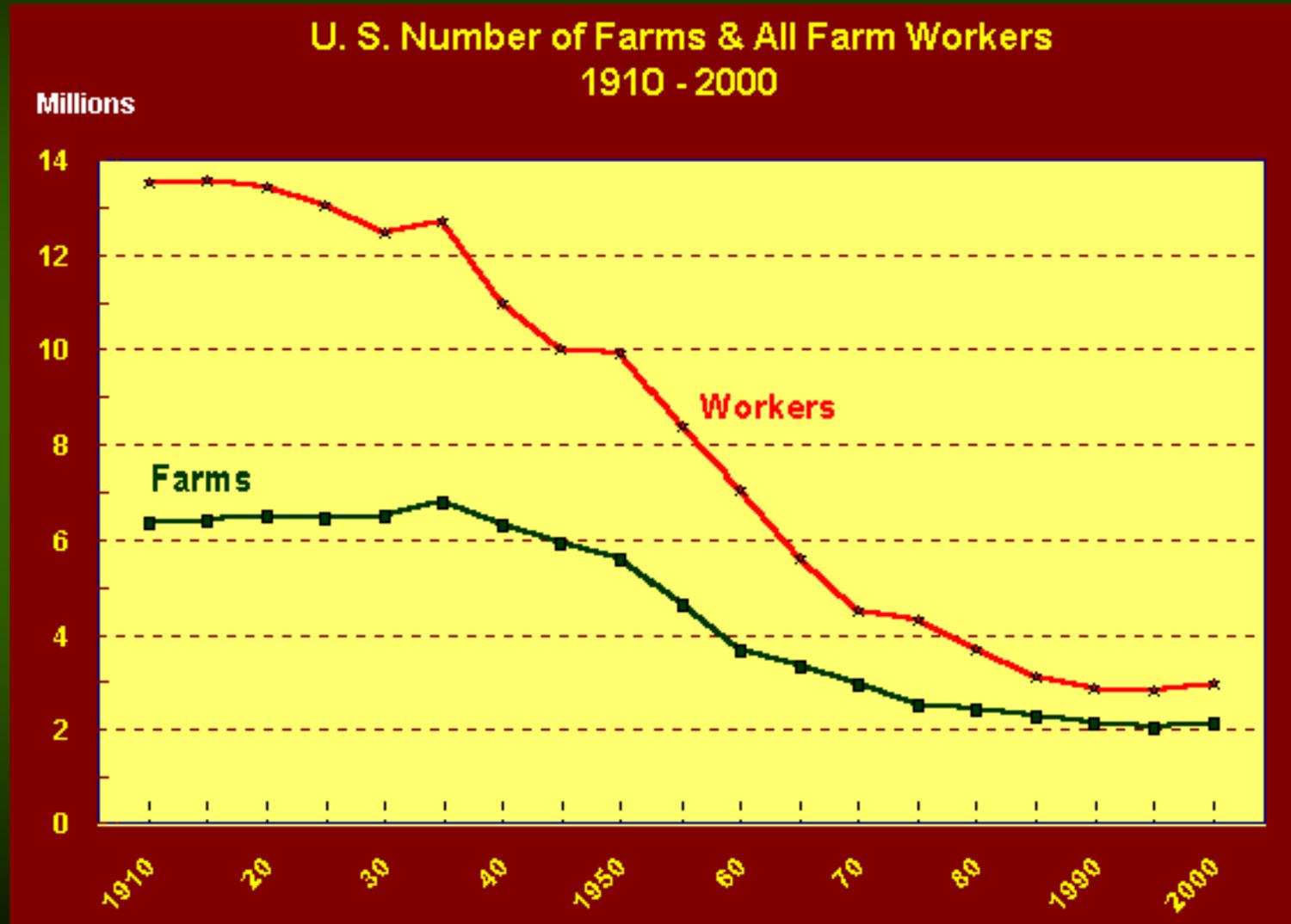
Agricultural biodiversity

vs.

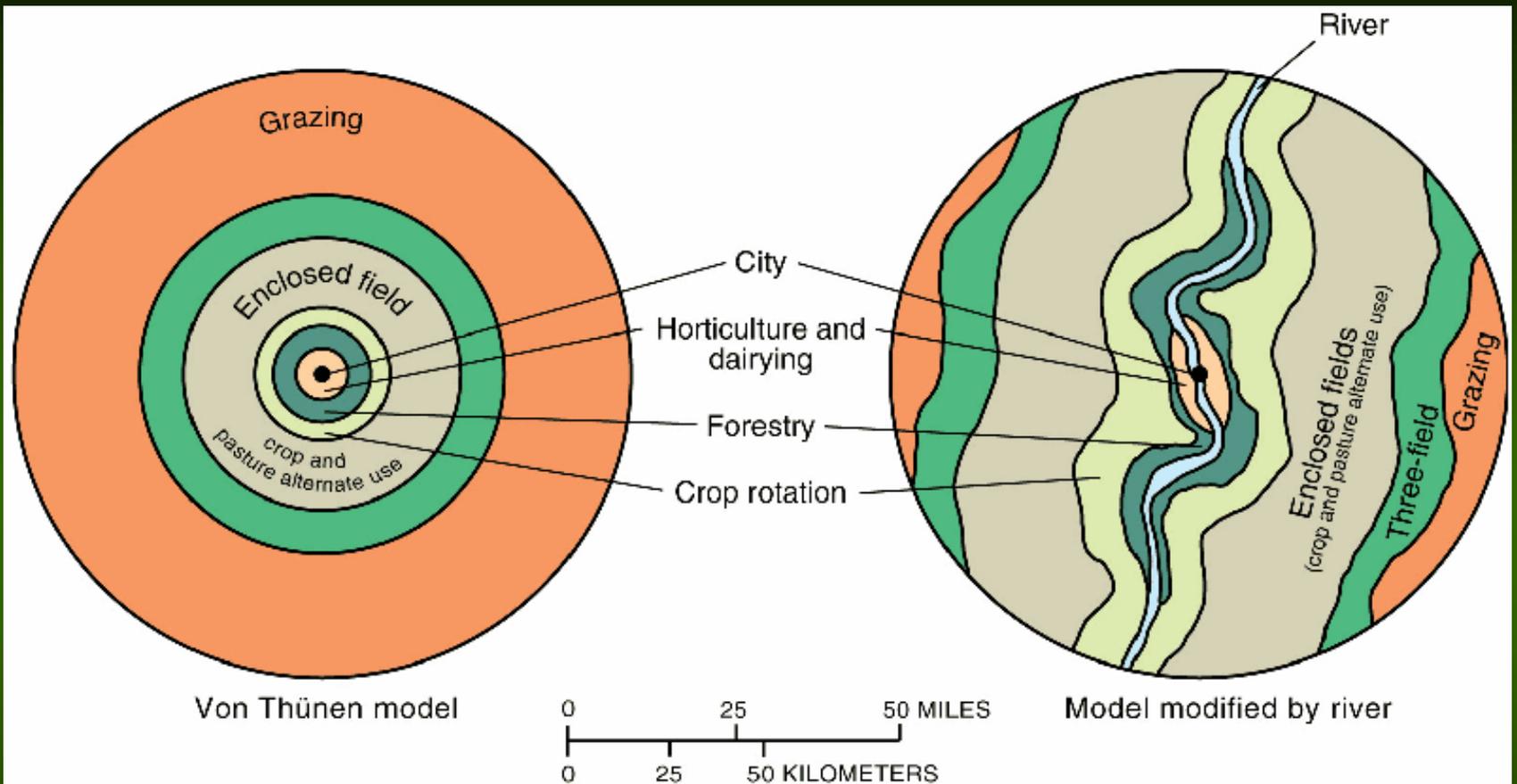


Monoculture

Explain why the number of farms and workers have declined in the U.S. since the mid-1900s?



# Von Thünen's model makes what assumptions?

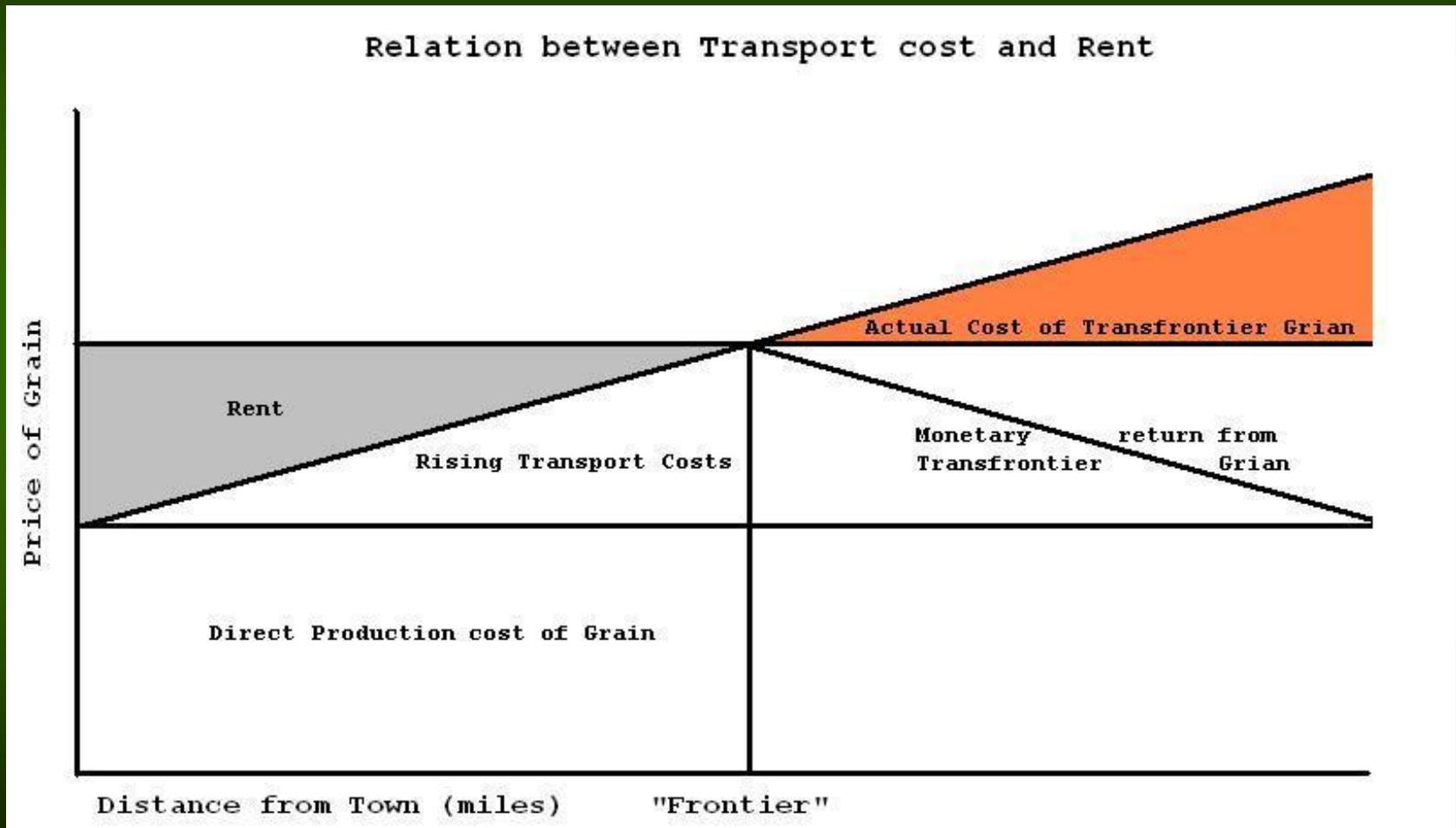


Biotechnology and genetic engineering are recent developments that are seeking to improve agricultural production.

These would be included as part of which agricultural revolution?



# Explain what assumptions Von Thünen made about farming, markets, and transportation.

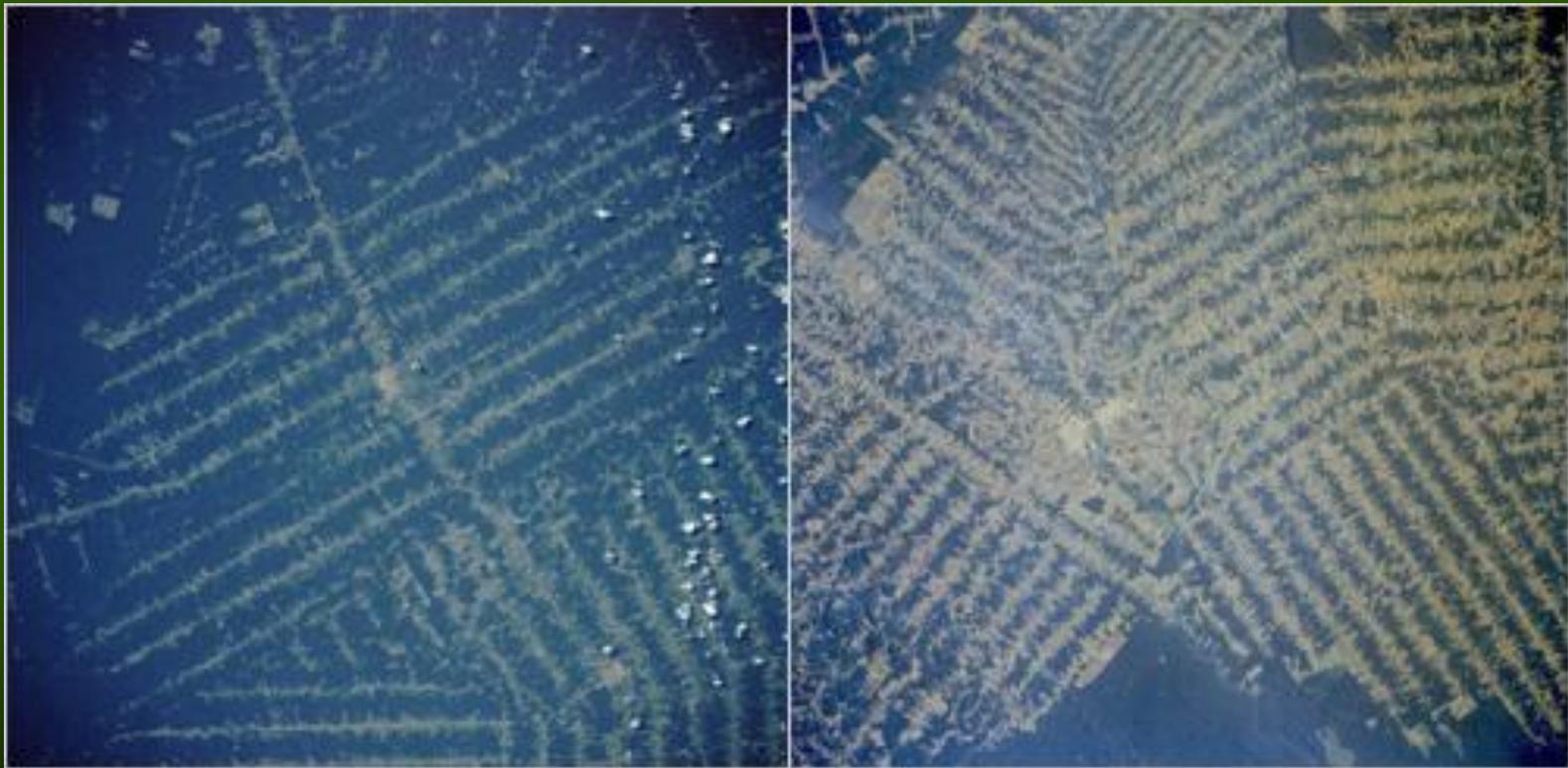


Describe the difference between intensive and extensive agriculture.



These aerial photos illustrates an area of the Brazilian rainforest that has undergone slash-and-burn agriculture. Make an analysis of what you see.

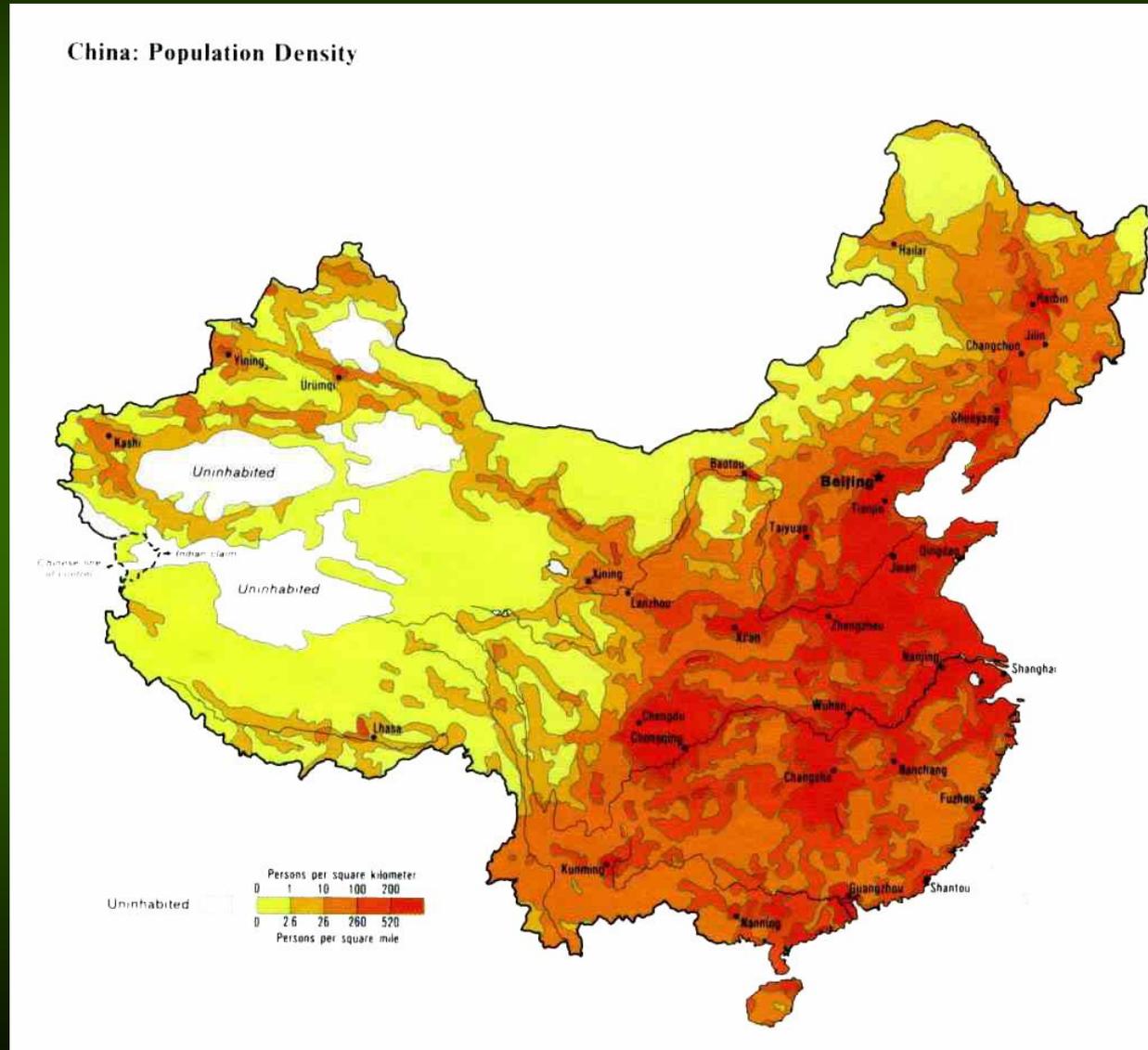
Rondônia, Brazil



June 1985,

August 1992

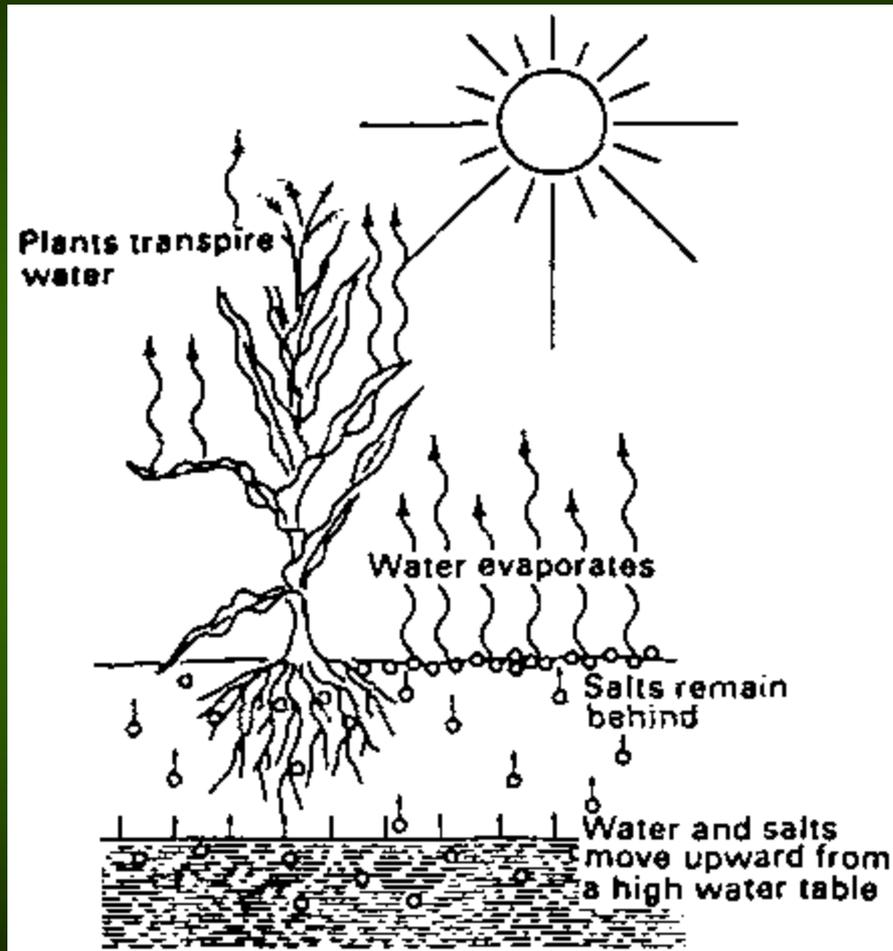
Given this population map of China, where would the most intensive farming have to take place?



# What percentage of the US workforce is involved in agribusiness?



# What causes salinization of soil? Where does this normally occur?



Salinity in farm fields located in the San Joaquin Valley of Central California



Salt found along the Dead Sea

# What is vegetative planting & where is its heart region?



Which type of commercial agriculture is found primarily in LDCs?



Sugar Cane in East Africa

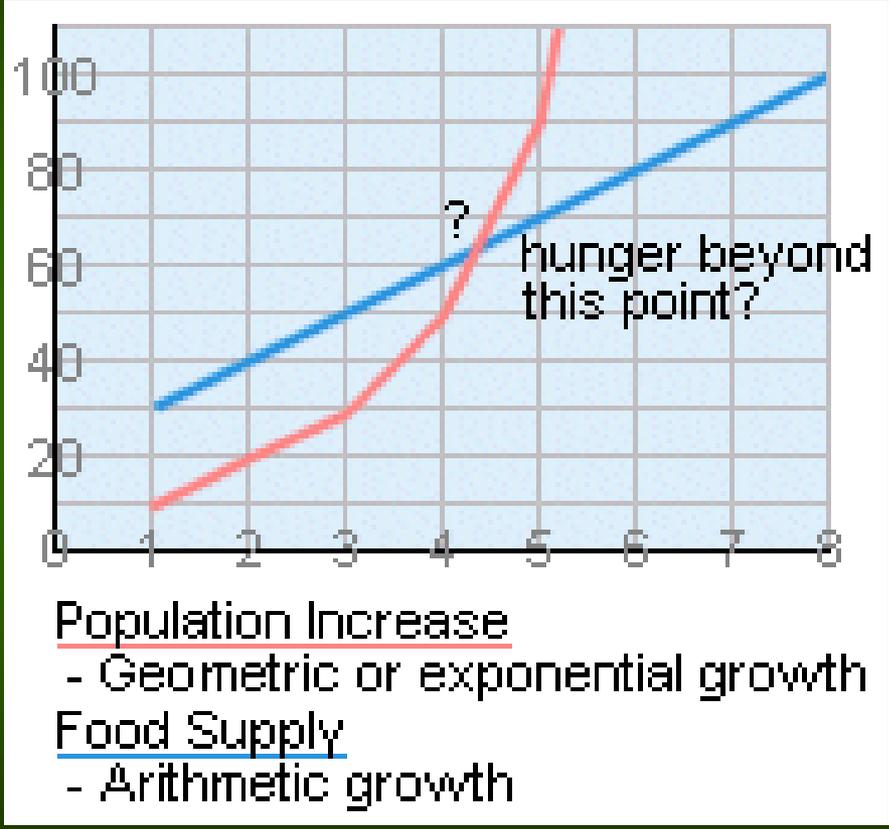


Bananas in South America

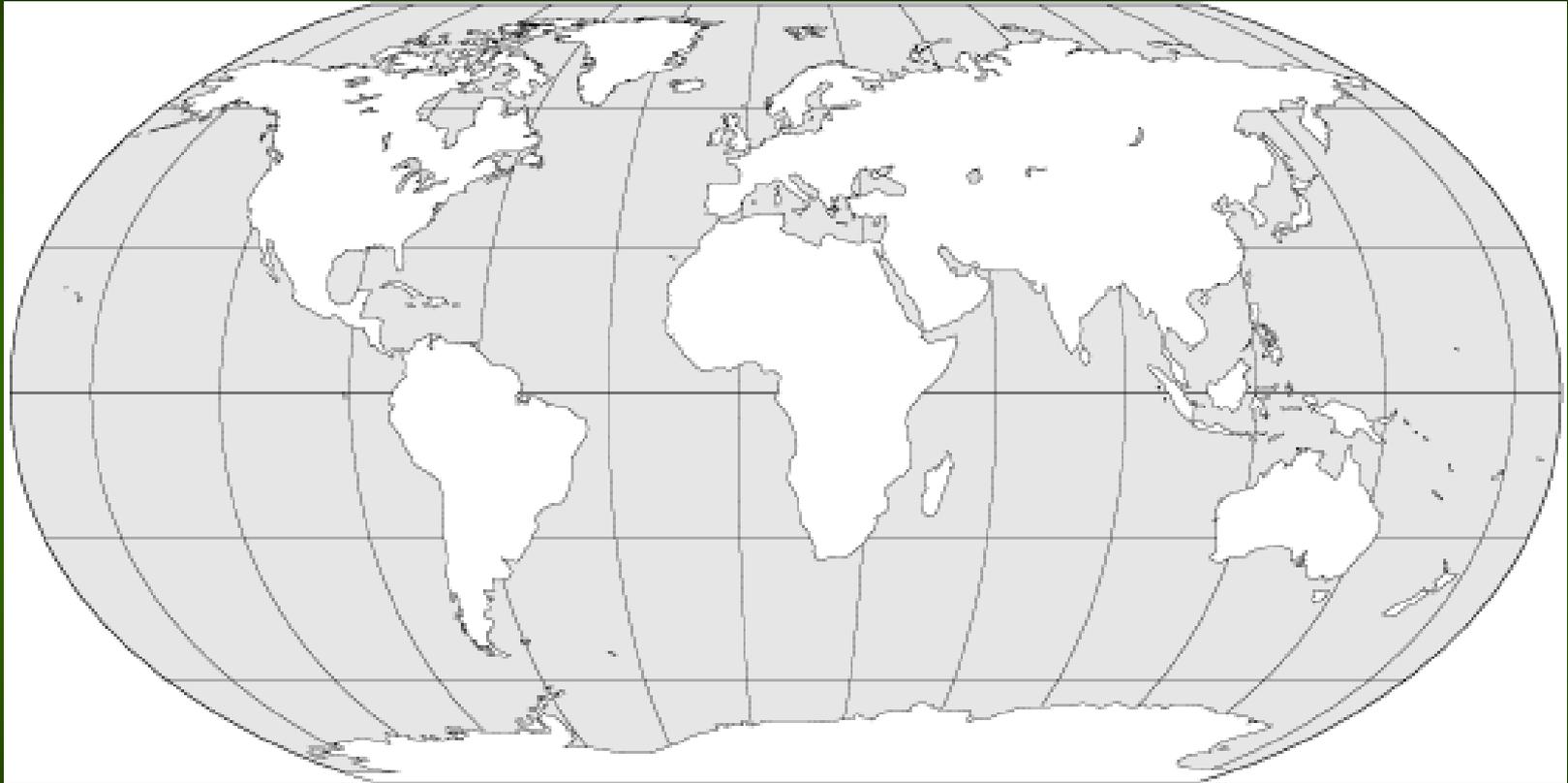
# What happens to commercial farmers in MDCs when demand levels off or goes down for their product?



# Why did Malthus think catastrophic events would follow as the world's population continued to grow?



Why is the largest area of commercial farms located in temperate regions?



Which picture best illustrates agriculture in northern India?



# Why might it be hard to classify modern commercial farming as a primary activity?



According to this table, what crop makes up over 50% of all grain exports worldwide?

WORLD ESTIMATES						
	06/07	07/08	08/09	09/10 est	million tons 10/11 forecast	
					24.06	29.07
<b>WHEAT</b>						
Production	598	609	686	677	664	651
Trade	111	110	136	124	120	120
Consumption	610	613	639	648	658	655
Carryover stocks	124	121	168	197	201	192
year/year change	-13	-3	+47	+29		-5
5 majors**	40	31	48	53	50	50
<b>MAIZE (CORN)</b>						
Production	710	795	796	805	824	823
Trade	87	101	84	84	88	88
Consumption	725	775	779	817	830	830
Carryover stocks	117	136	153	140	137	134
year/year change	-16	+19	+17	-13		-6
<b>TOTAL GRAINS*</b>						
Production	1588	1697	1798	1782	1776	1753
Trade	222	239	249	235	234	234
Consumption	1629	1685	1722	1761	1781	1774
Carryover stocks	281	293	369	390	387	369
year/year change	-41	+12	+76	+21		-21
5 majors**	102	97	125	131	128	117

\* Wheat and coarse grains

\*\* Argentina, Australia, Canada, EU, United States



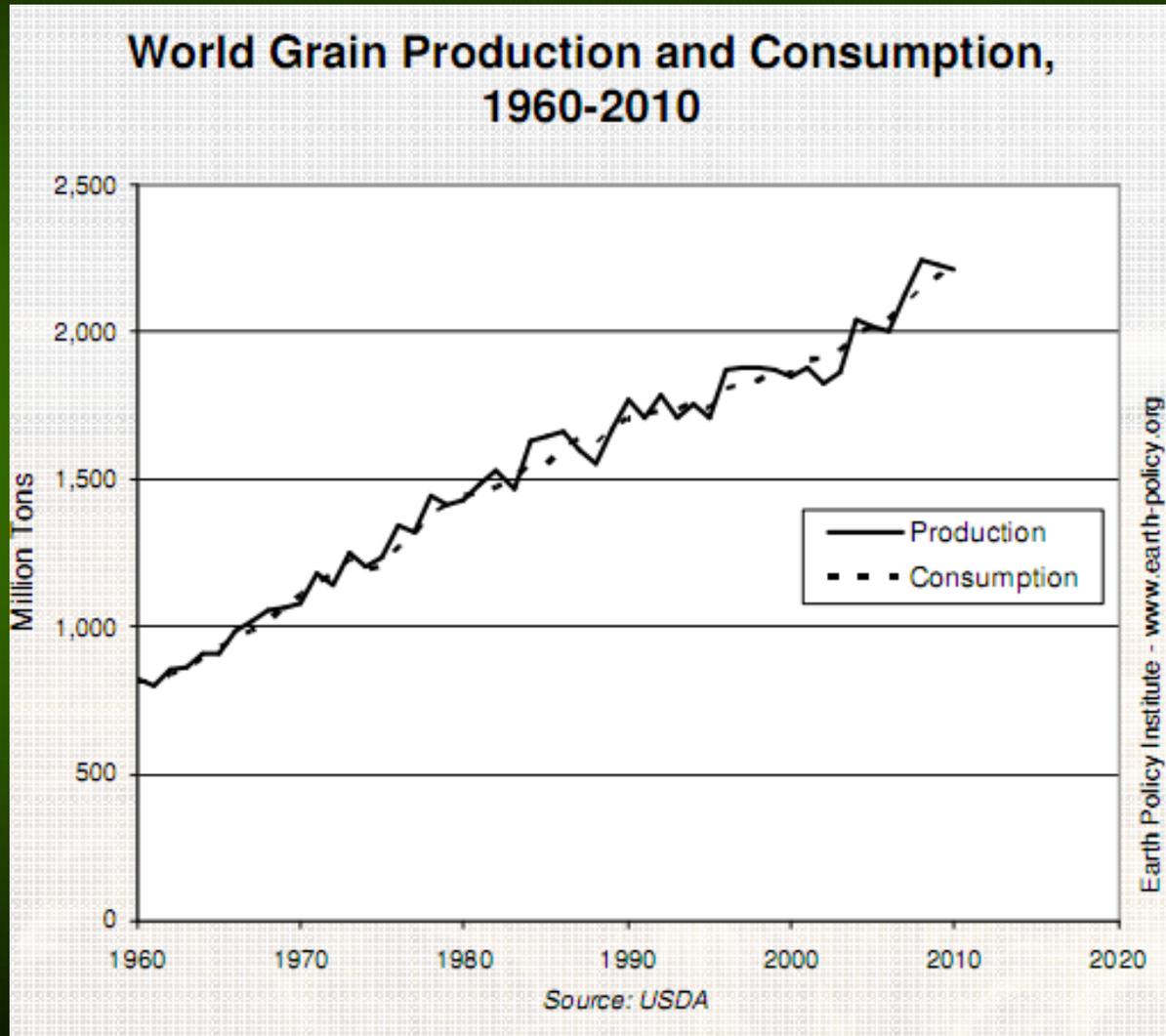
Why do farms in California produce more crops per acre than other agricultural areas located in Mediterranean climates?



# Explain how farmers adopt to the climate and landscapes in places like...



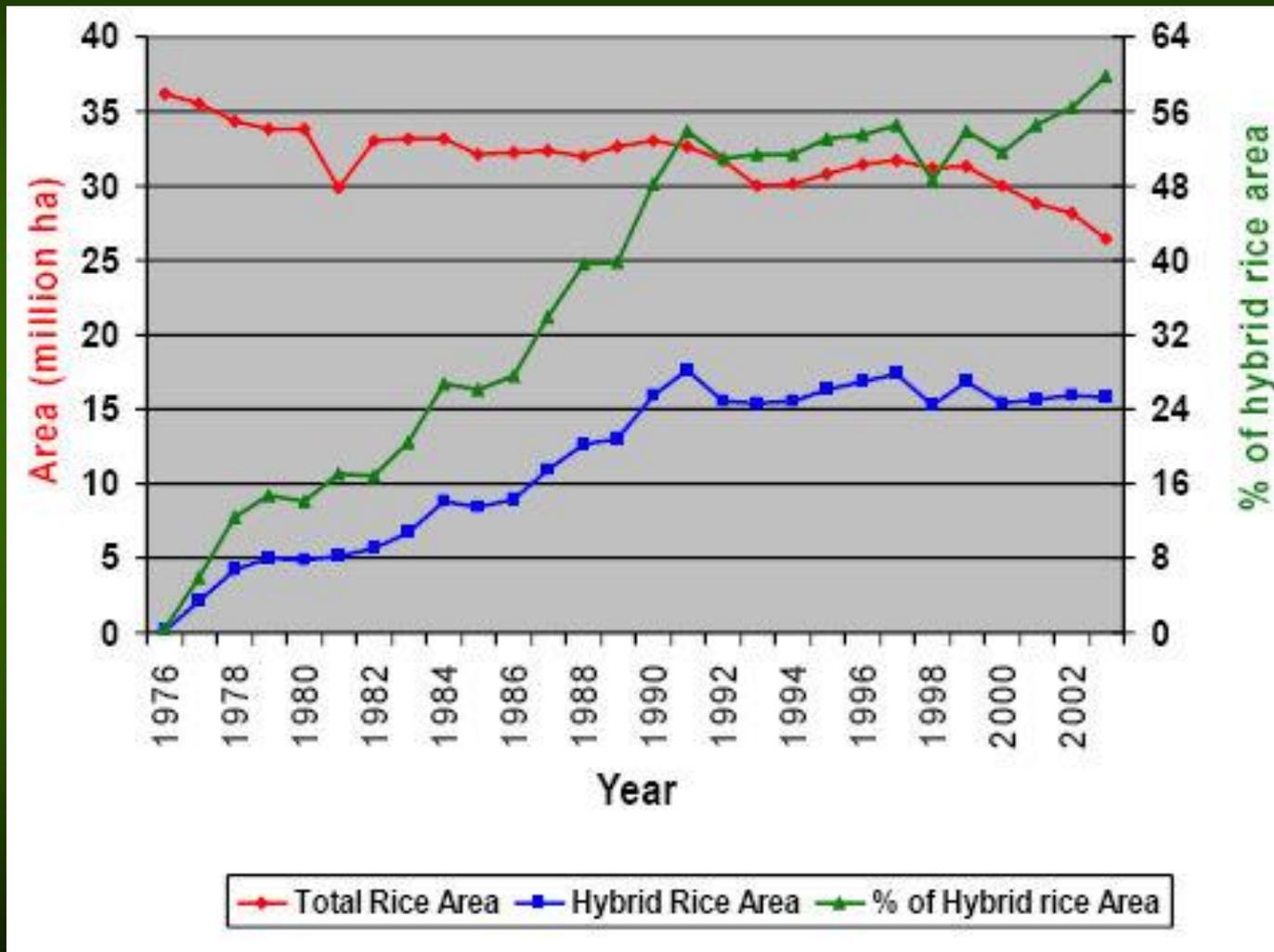
# Why has global grain production increase since the mid-1900s?



What crop grown in the Americas before the arrival of Europeans was eventually adopted by African farmers and widely grown?



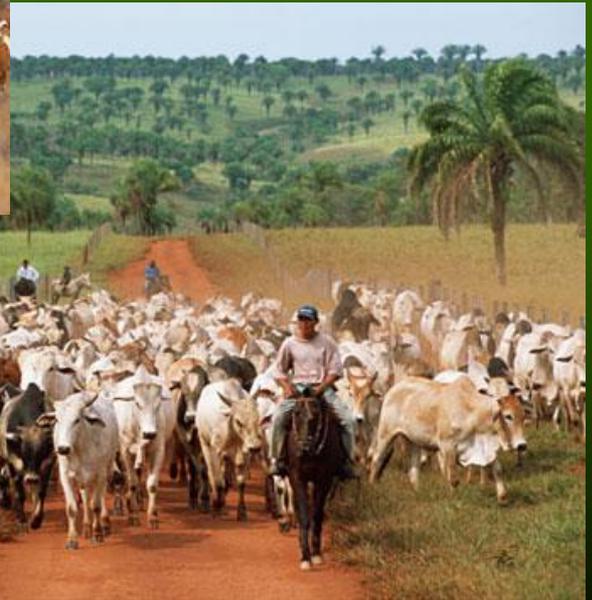
What positive developments in agriculture have occurred as a result of the Green Revolution?



Approximately what percentage of the world's population is still involved in hunting and gathering?



Ranching is a good example of which type of agriculture?

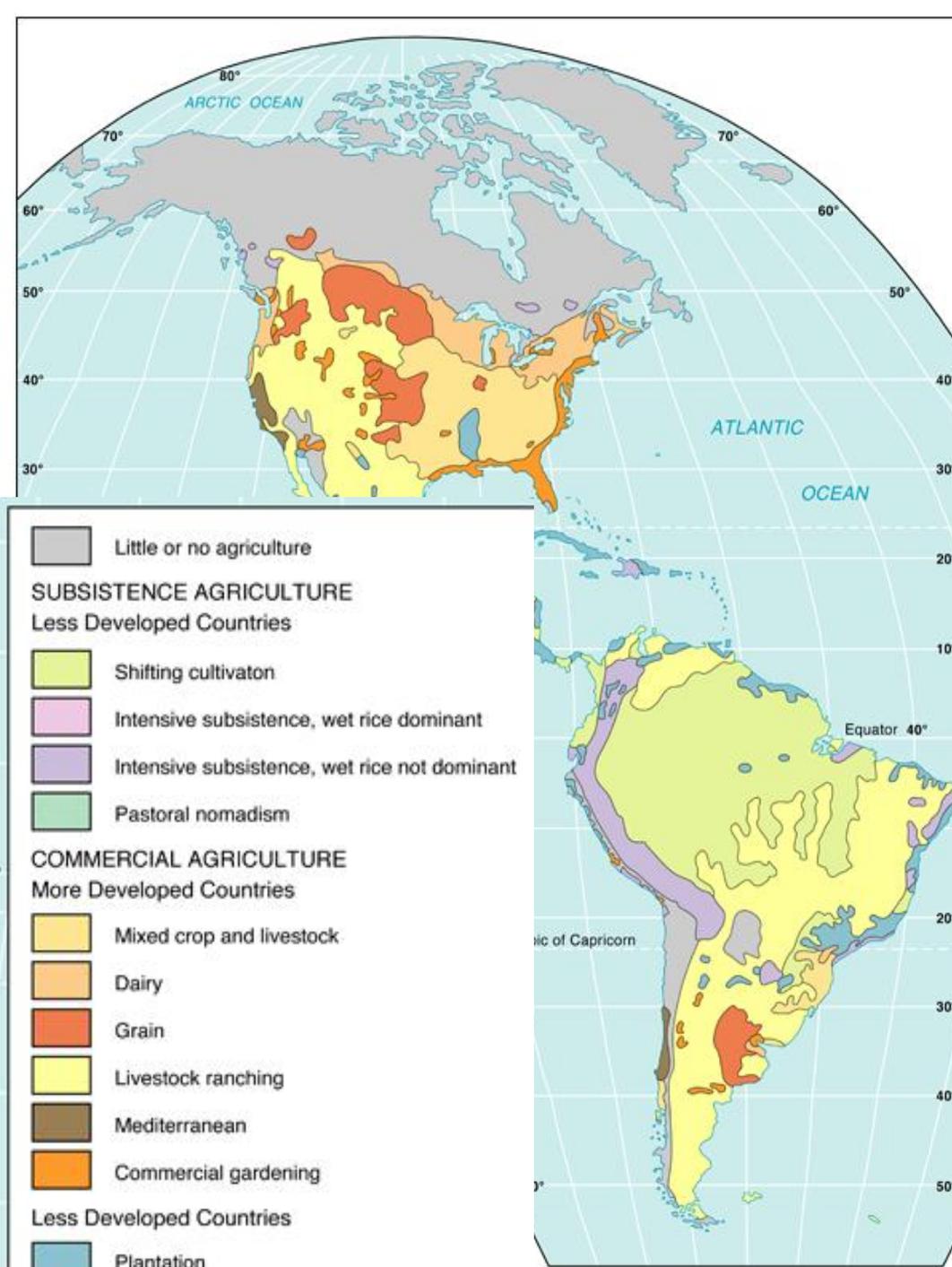


# Why has ranching declined in the southwestern US?



Explain what monoculture is and why it is sometimes seen as detrimental to the development of agriculture...especially in LDCs.





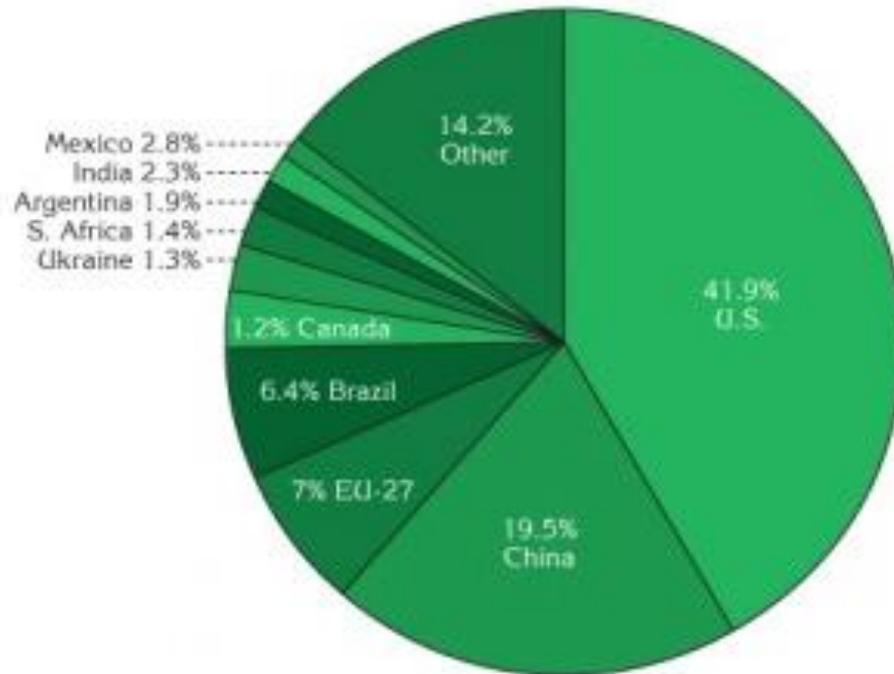
Which type of agriculture is practiced most in the southeastern U.S.?

What is the most common cause of farmland loss near rapidly developing cities?



# Why do US farmers produce more corn than any other country?

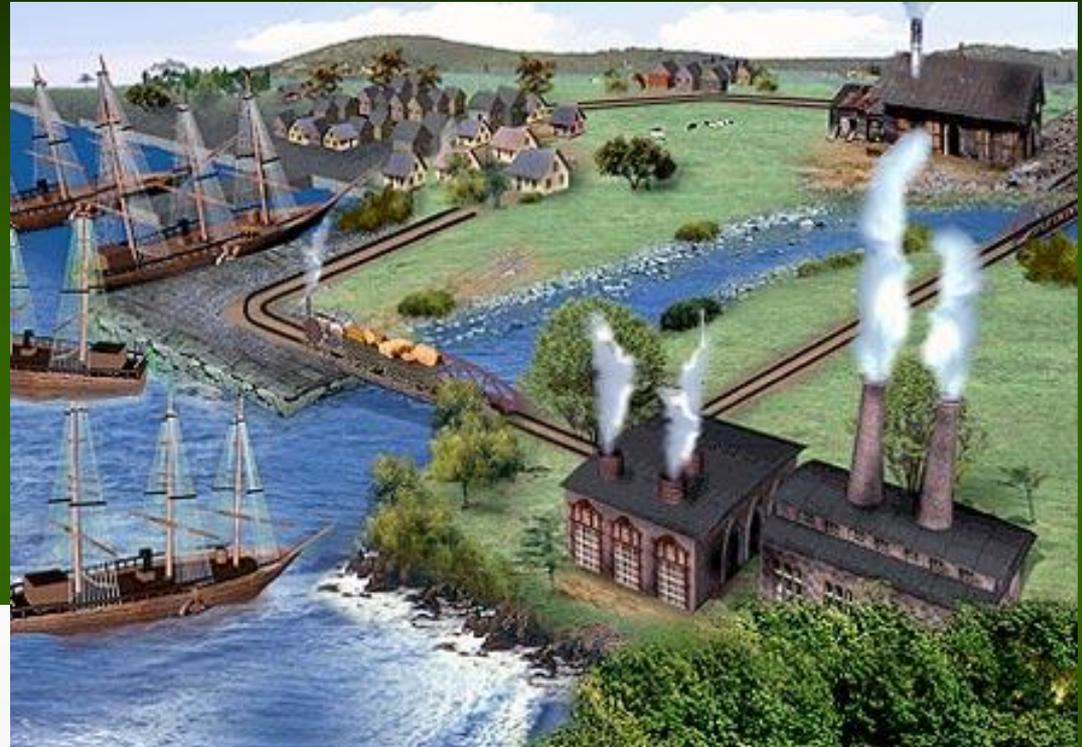
WORLD CORN PRODUCTION, 2009-2010\*



# How does capital intensive differ from labor intensive agriculture?



# How did the Industrial Revolution transform agriculture?



Why does Wisconsin make almost 90% of its milk into cheese?

