

FARMER

POWER

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HUNTER GATHERERS

Humans used to exclusively feed off of exotic plants and hunting wild animals.

In fact, people have been living from Food Production for the past 11,000 years. Food Production involves crops and livestock, which is used for milk, fertilizer and bones, which in turn was used to make various tools.

Our chapter explains how food production led to all the advantages that Spain and similar countries had over natives and eventually allowed Pizarro to capture Atahualpa.

FOOD PRODUCTION

We can only eat about .1 percent of living biological matter in an acre

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Through Food Production we can eat about 90% of Bio mass on an acre of land.

DOMESTICATING ANIMALS

Domesticating Animals for Livestock fed more people in four main ways:

- 1) Furnishing Meat
- 2) Producing Milk
- 3) Making Fertilizer
- 4) Pulling Plows

Therefore, those mammals gained several times more calories over their life span than if they were just hunted for meat.

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- Domestic animals helped crop production.
- Domestic Animals able to pull plows
- Made it possible for people to fill uncharted land.

MORE FOOD= MORE PEOPLE

Because of plant & animal domestication, people were yielding way more food, and that led to a greater population.

Hunter-gatherers didn't domesticate anything, so they were constantly moving around. Therefore mothers could only carry a few things, and one child.

- More food meant more population.
- Hunter-gatherers didn't domesticate anything.
- Peoples living conditions were made easier.

FOOD PRODUCTION, POLITICS & WAR

Hunter-gatherers lacked chiefs, bureaucrats, and so forth, but now being able to stay in one steady place, people could now have complex political units. They could also “mount a sustained war of conquest.”

Because of stored food surplus they built up taxation. Not only that, but the food fed important people like priests metal workers helped advance technology.

Scribes would preserve information for future use.

FLOW CHART

East/West axis



Many suitable
wild species

Ease of species spreading

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Many domesticated plant and
animal species

Food surplus,
Food storage

Large, Dense,
stratified societies

Technology



FOOD PRODUCTION & PEOPLE

The Domesticated plants & animals gave humans plenty of natural fibers for making clothes, blankets, nets, ropes, cotton, wool, hemp, etc.

Plant & animal domestication helped the military the most by making horses the “Jeeps & tanks of ancient warfare .“ Horses enabled foreign people to conquer even larger army.

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Before railroads and cars were invented, large mammals were an essential means of land transportation, not to mention, it was the 1st time in history you could move lots of heavy goods, as well as people quickly for long distances.

The people who domesticated animals got infected with their germs , but at the same time they gained strong resistance to the new diseases & 99% of people who weren't exposed to germs died.

SHORT SUMMARY

Plant & animal
domestication resulted
in:

- Much more food
- Larger populations
- Transportation
- Warm clothes, blankets, leather among other goods

Food Production & domestication

as well as

Societies that were:

- Settled
- Politically centralized
- Economically complex
- Technologically advanced

Is one of the major links between military use of animals, germs, and the conquest of many countries

Ultimately explains why empires literacy, & steel weapons developed earliest in Eurasia