



NDOLA TRUST SCHOOL

(Ndola Trust School Limited)

“Success through Hard Work”

www.ndolatrstschool.edu.zm



FARMING

What is farming?

- Farming is growing crops or keeping animals by people for food or for sale.

DIFFERENT TYPES OF FARMING IN ZAMBIA

SUBSISTENCE FARMING

Who are subsistence farmers?

- These are farmers who produce enough food to feed the family. They sell their remaining produce for cash, which they need for things like clothes, school fees, medicines and transport.
- Subsistence farmers grow food such as:
 - Maize
 - Millet
 - Sorghum
 - Cassava
 - Beans
 - Groundnuts
 - Sweet potatoes
 - Pumpkins
 - Okra
 - Cowpeas
 - Round peas
- Subsistence farmers do not irrigate their crops instead they rely on the regular seasonal rains.
- Some animals that are kept on subsistence farms include:
 - Cattle
 - Goats
 - Chickens
 - Pigs

- Subsistence farmers use the animal droppings as manure to fertilize the crops. They also make pesticides out of natural products. A pesticide is a substance that is used to kill pests. (using google check the different types of pests)
- The farming tools that subsistence farmers use on their farms are mostly hand tools such as:
 - Hoe
 - Axe
 - Ox- plough
 - Sprayers



Download from
Dreamstime.com

This watermarked comp image is for previewing purposes only.

ID 54385827

© Joshua Wanyama | Dreamstime

- Man weeding the maize field.



 dreamstime.com

ID 145210157 © Timwege

- Woman preparing the land for growing crops.

NDOLA TRUST SCHOOL



ID 34109595
Tuyayal | Dreamstime.com

Download from
Dreamstime.com
This watermarked comp image is for previewing purposes only.

- Man spraying the field

NDOLA TRUST SCHOOL

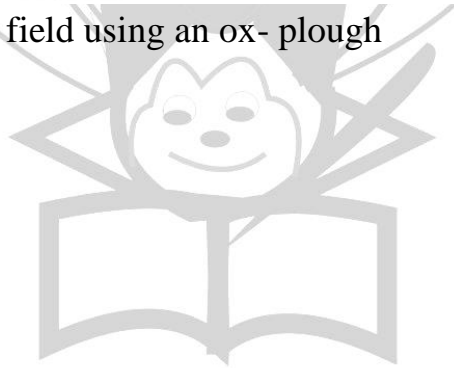


Download from
Dreamstime.com
This watermarked comp image is for previewing purposes only.

ID 2535394

René Paul Gosselin | Dreamstime.com

- Ploughing the field using an ox- plough

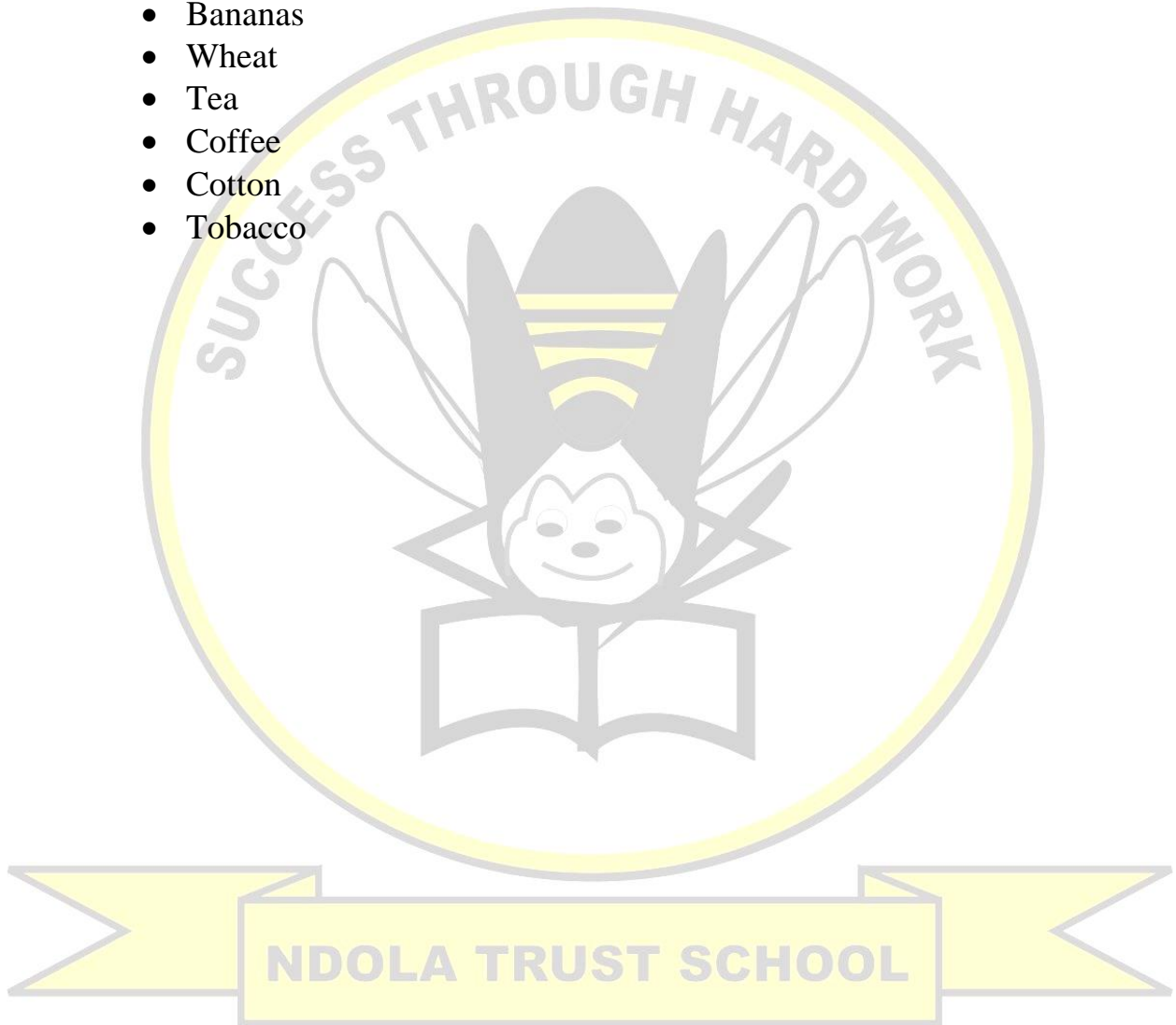


NDOLA TRUST SCHOOL

COMMERCIAL FARMING

Who are commercial farmers?

- Commercial farmers are farmers who grow crops and raise livestock for sale.
- Crops that are grown by commercial farmers in Zambia include:
 - Sugar cane
 - Maize
 - Bananas
 - Wheat
 - Tea
 - Coffee
 - Cotton
 - Tobacco





Sugar cane field



www.shutterstock.com • 1705315225

Maize field



shutterstock.com • 1214614912

Banana field



www.shutterstock.com · 674455723

Wheat field

- Commercial farmers use fertilizers to make crops grow well. They also use Pesticides to kill insects and control diseases that may harm the crops.
- Most commercial farms are located along the line of rail to make it easier to transport the farm product.

WHAT CROPS NEED TO GROW WELL

- All crops need the following in order to grow well;
 - Good soil
 - Enough water
 - Light and the right temperature
- Different crops need different amount of water, different type of soil and hotter or cooler temperatures.
- Here are example of what important food crops in Zambia need.
 - Maize needs a warm growing season of about 4 months and rainfall above 500mm a year. It grows well on heavy soils, but needs a lot of fertilizer.
 - Sorghum and millet does not require much water. They grow on sand soil and often attacked birds.
 - Cassava will grow well even on poor soil with little rainfall. It is not often attacked by pests.
 - Groundnuts need a hot, wet growing season of about 4 months. They grow best on light, sandy soils.
 - Wheat is a winter crop, it grows well in the cool season. It needs irrigation systems.
 - Banana need warm, wet weather. They grow best in high rainfall spread throughout the year. Pesticides may have to be used against weevils (small insects that eat fruit).

Task 1

1. What is subsistence farming?
2. List four types of crops that subsistence farmers grow.
3. Mention two modes of transport that commercial farmers use to transport their products to the market.
4. List for cash crops that are produced in Zambia.
5. What is livestock farming?
6. Name one drought resistant crop.
7. Give an example of a winter crop.
8. Identify three machinery used by commercial farmers.
9. What are pesticides? How do they help farmers?
10. What should farmers do to make their crops grow well?
11. Mention three things which plants need for them to grow.

