



Country Report For The Hashemite Kingdom Of Jordan

Mr. Hussein Khlaif Humaitan Alqatamin
Manager of Agriculture Centre
Ministry of Agriculture

Middle East



General information

Area

Total : 89.213 sq . Km

Land : 88.884 sq .Km

Water : 329 sq Km

Population :

9 million

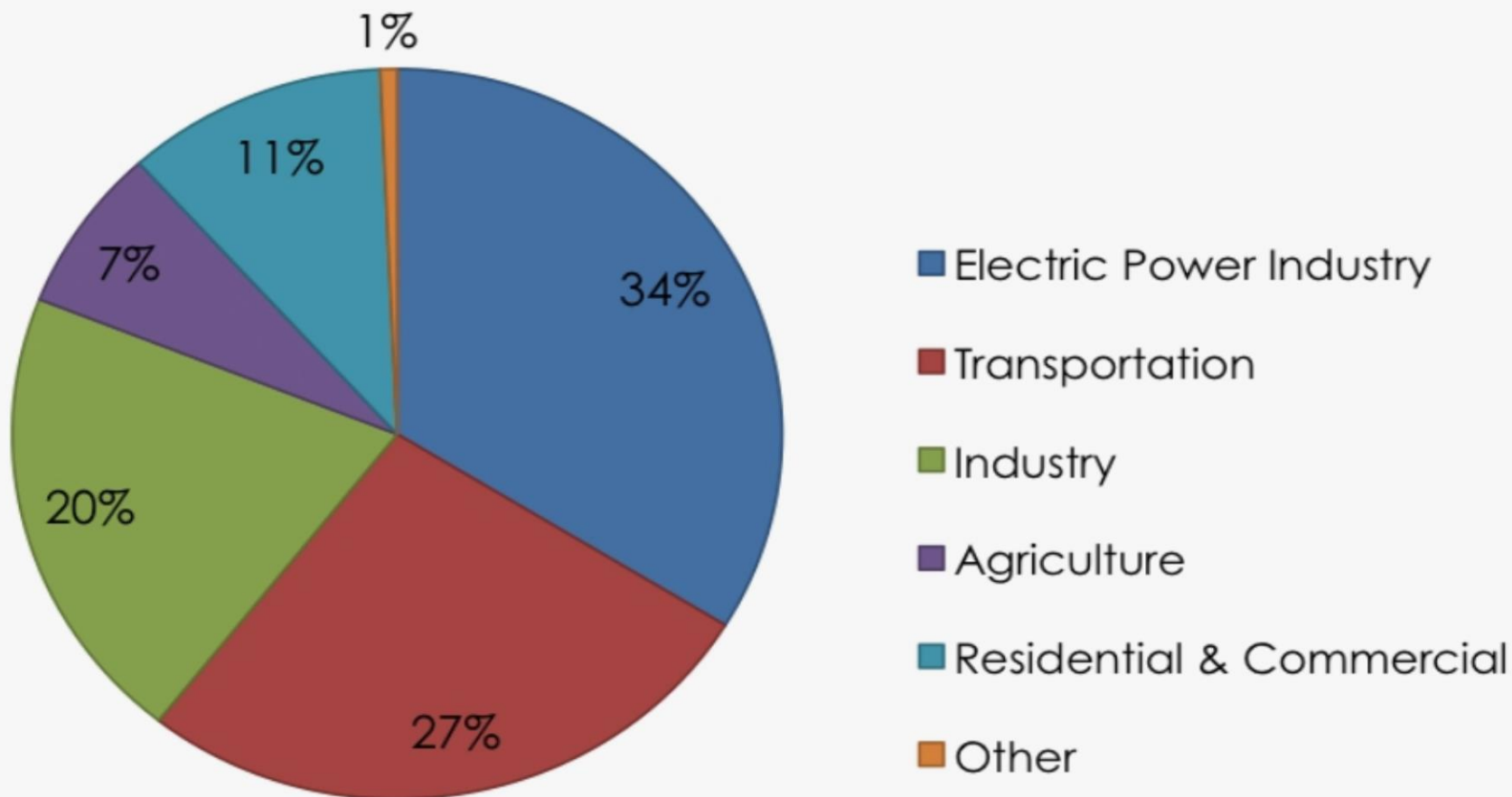
The capital city : Amman

Religion : Muslim 92 % , Christian 8%

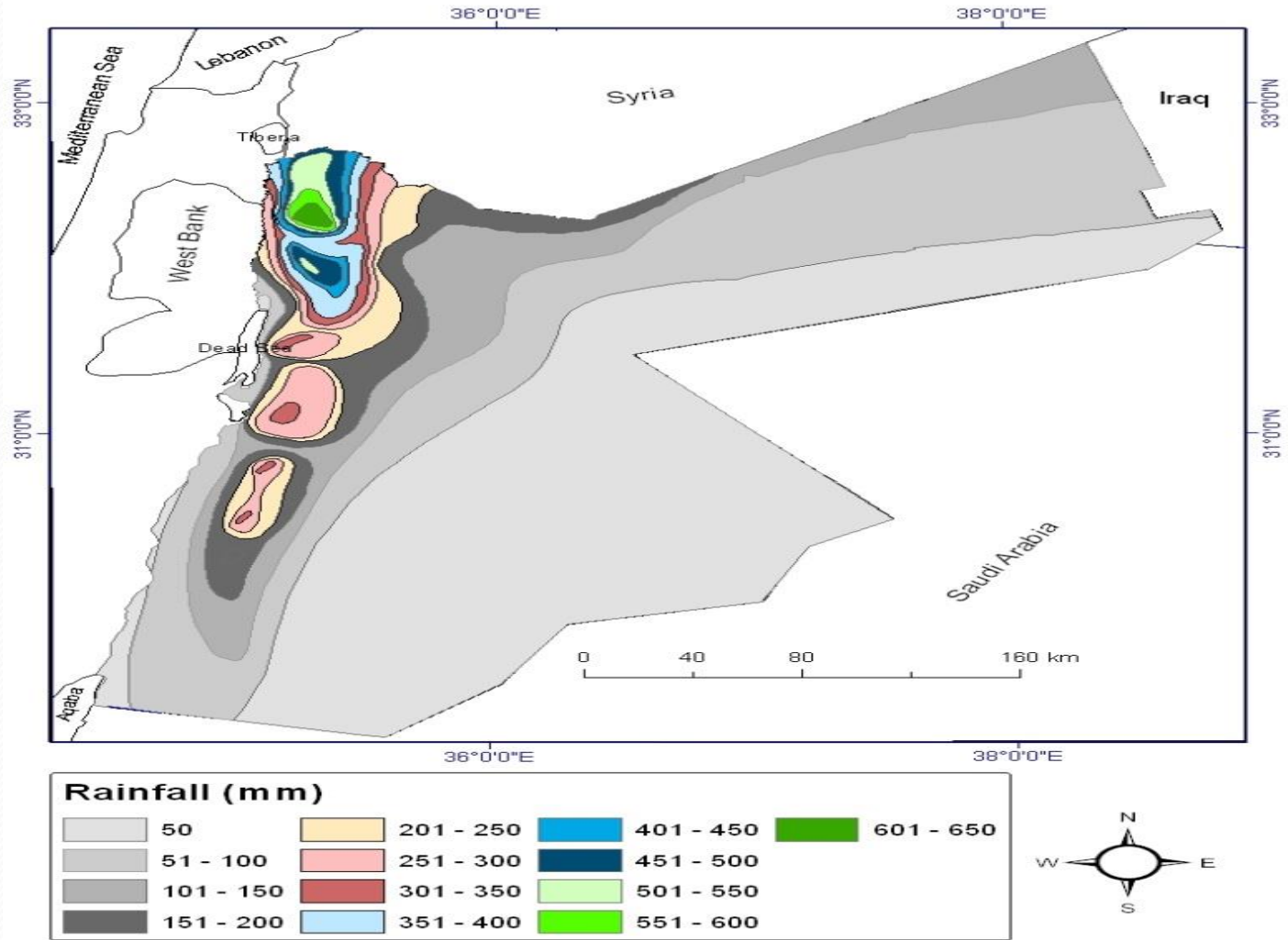
Currency : Jordan Dinar (JOD)

Economy

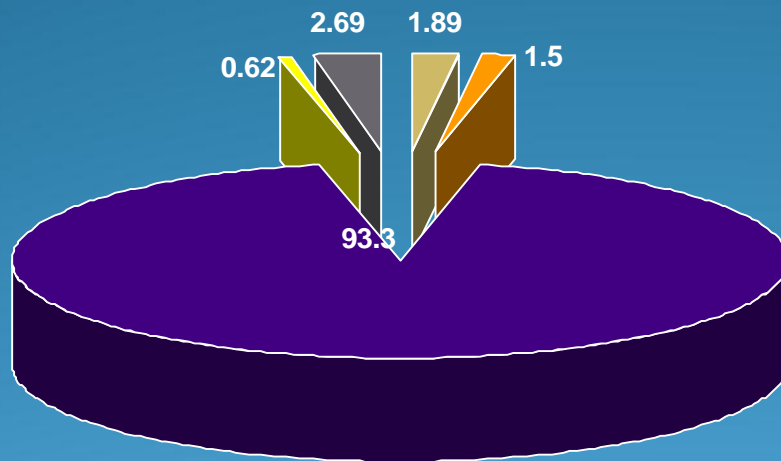
U.S. GHG Emissions by Economic Sector, 2010



Climate & The rainfall



Land use



Urban areas

Forests and re-forestation

non-cultivated

Water surfaces
(Dead Sea and
Gulf of Aqaba)

Agricultural
lands

Desertification & dry





Agricultural Technology In Jordan

National Center For Agricultural Research & Extension





it was established in 1985.

Has More Than 20 Stations & Units
In Jordan

The Purpose Of This Center Is To Pass.

The Technology From The World To
Jordan & Use It In

Make Researches In Jordan.

Enlarge The Agricultural Area In The
Desert

Faculty Of Agricultural Technology Al-Blga University





It was established in 1997

The Purpose Of This Faculty Is To
Support the Agriculture Sector By
Engineers

Agricultural Companies more than 30 Companies





Our Ambitious

Passing Technology To Jordan
From

The Developed Countries
To Communicate With The
Universities & The Modern
Centers Around The World

Three useful topic from Module 1

1. IPM
2. Virus management
3. Vegetable Grafting

Development Action Planning (DAP)

Vegetable Grafting: Tomato and Eggplant in Jordan



Why choose this subject?

- Tomato is become first famous vegetable plan in Jordan. .1
- The type of soil in Jordan is sandy soil, meaning the plants can be get for many disease like Fusarium wilt , Bacterial wilt and Nematode.
- We used only drip irrigation in Jordan
- Jordan is from first to 10 country product tomato in the world.
- Large area to grow tomato in green house and open field

Why choose this subject?

- Jordan Export vegetables nearly 500,000 ton/year, 70% is tomato.
- Grafting can improve production of tomato and reducing the use of pesticide.

Objective of my DAP is to protected soil born disease in Jordan

How to make grafting between tomato and eggplant

-Why we do grafting?

- 1.To improve the product
- 2.To reduce/eliminate the need for pesticide use.
- 3.Flooding
- 4.Fusarium Wilt
- 5.Bacterial Wilt
6. Root knot nematode

Grafting step by step

1. Choose healthy eggplant seedling as root stock.
2. Choose healthy tomato seedling as a scion.
3. Cut the eggplant about 30 degree angle above the coteledon



Advise

- Need to prepare clean area
- Plant will be ready to graft after 17-21 days after sowing
- The best way to tell if your plants are the right size is to put a grafting clip on the stem of a seedling
- When it fit time of grafting.
- DO NOT SMOKE!!!!** During grafting due to a risk of tobacco mosaic virus.

Advise

- You will need a healing chamber to protect the plant with humidity at 80-90 % and under low light.
- Watering the plants the day before grafting, not the day of grafting.
- Put grafted plant in dark area for 3-5 days.
- After that open for light with humidity about 3 days.
- Open the chamber for 2 days before move grafted plant to under shedding.



Thank You
Agri – Eng : Hussan
Qatameen

Welcome to Jordan

