

Introduction to the International Vegetable Course (IVTC)

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بسم الله الرحمن الرحيم
Sudan country





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Ministry of Agriculture and Forest

General Administration Horticulture product





Introduction

- Sudan is located on the north – eastern said of Africa continent
- Where the Nile river is into east and west.
- With its capital Khartoum
- Its has population of 37,96million people





Sudan has nine stats

1. Egypt
2. Libya
3. Chad
4. Democratic Republic of the Congo
5. Central African Republic
6. Uganda
7. Kenya
8. Eritrea
9. Ethiopia



Agriculture in Sudan



- Agriculture is main sector of the economy of Sudan most exports consist of Agriculture products such as cotton ,gum Arabic ,oil seeds, meat,.....etc in addition to vegetable and fruit exports.
- The amount of land suitable for Agriculture (16,900,000)Ha (41,8)million acres





The national scheme in Sudan

1. Gezira schemes
2. New Halfa
3. Rahad
4. Suki Agricultural scheme





Responsibility

- Technician supervisor
- Training officer
- Extension



Three us full topics

- **VEGETABLE GRAFTING**
- **PROTECTED CULTIVATION FOR VEGETABLE CROPS**
- **ADVANCES IN SEEDLING MANAGEMENT**



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Production of vegetable crops for the transfer of modern technology



Location

Pilot farm in Horticulture Administration

objectives



- Dissemination and Application of improved technologies and practices in farms.
- Training the farmers-producer-how to use the recent technical.
- To provide the local market by high quality crop.
- Export of vegetable crops.

Challenges



- Lack of technology .
- Lack of cold trucks and cold storing .
- Cost of production .
- Price imported and hybrid seeds are very high .
- Lack of in put (fertilizers –pesticide)and also price are very high .
- Lack of irrigation techlogyes pivot –sprinkler –drip irrigation.
- Limited protected Agriculture.
- Lack of tractors of cultivation distributor of fertilizers and harvesters.
- Need training about technology so as to raised capacity building.

Future out put



- Uses of recent technology packs .
- Recent of production productivity in quantities in qualities
- In creasing of area use this technologies .
- Satisfaction of local market .
- Open of international for export.
- Increasing farms in come .
- Gain foreign currency form exporting.



Target Group

- Farmers
- Producers
- Exporters
- Research centers
- Processors





Action plan for production of vegetable crops uses green house

Duration



- Start December 2017
- Finish May 2018

Activities	Expected results	Time of Activities	Methods of activities	Inputs	Cost\Do
Sowing of Hybrid seeds	high germination	December	Sowing or seedling	Hybrid seeds	180
Regular irrigation	Healthy plants	Every week or(2-4)days	Drip or pivot	Irrigation technology	50
Fertilization	Vegetative growth	Three week after cultivation then after month(2-3)doses	Uses machine	N.P.K	60
I.M.P	Healthy plant	Month after cultivation	Spray or machine	Pesticides fungicides weedicides	40

Activities	Expected results	Time of Activities	Method of Activities	Input	Cost\do
Harvesting	High quantity and quality	3-4months	Manually or uses harvesting	Machine	80
Marketing	high price high income	Marketing facilities	Transport by cold trucks	Marketing facilities	
Storages	Good product	After harvest	Cold stores	Stores facilities	20

THANK YOU

