



CROP PRODUCTION TRAINING

Course Objective

To provide participants who know little or nothing in Crop Production to acquire the knowledge and skills they need to make informed investment decisions and/or profitably startup and run their own Crop Production businesses.

Course description

This training takes a critical look at all the aspects of Crop Production, taking the participant through the processes involved, step by step. Information provided will give the participants a clear view on what they must know and expect to successfully grow, manage and improve crop yields in production. It offers an excellent opportunity for farmers and potential farmers to acquire a wealth of information on Crop Production as a veritable and profitable business. The program will consist of lectures, discussion and practical field demonstration by carefully dissecting all its major areas which includes the various types of Crops, Soil Management, Machinery and Tools, Integrated Pest Management and weed control as well as the Finance and Marketing aspects of Crop Production and yield.

Course Overview

The most important factor in global food security is the ability to produce enough healthy fresh food and with the Federal Governments rededication to Agriculture, the best time to go into it is now! With its immeasurably huge financial benefits and grossly untapped potentials, going into Crop Production is one of the best investments anybody can make if done right. This program content is designed simply, so that it takes a participant with little or no knowledge in the Crop Production Process to having a very clear understanding of what they need to know to go into Crop production and make it a successful business. It seeks to explain the principles behind the discipline that feeds clothes and shelter the world's population and expose Crop Production as a viable Agricultural Business especially for economic growth and development.

Course Benefits:

At the end of this program, participants should be able to:

- Identify the various types of Crops
- Understand Soil Management
- Recognize the various types of Agricultural Machinery and Tools involved in Crop Production
- Know how to safely use Agro-chemicals
- Identify the various types of fertilizer to use as well as its advantages and disadvantages
- Understand the Financial aspects involved in crop production
- Develop a well-rounded understanding of Crop Production and make informed investment decisions.

Course Content:

1. Introduction to Crop Production

- Meaning of Crop Production
- What does it entail?
- Types of Crops

2. Vegetable Crops (leafy and fruit vegetable)

- Celosia, Amaranthus, Corchorus, Telfairia, Lycopersicum, pepper, Okra, Watermelon.
- Describe land preparation technique.
- Describe the climate and soil requirement.
- The various varieties grown.
- Describe the cultivation method.
- Yield and diseases.
- Harvesting.

3. Arable Crops (Maize, Rice, Cassava & Yam)

- Describe the climate and soil requirement.
- The various varieties grown.
- Describe the cultivation method.
- Yield and diseases.
- Harvesting.

4. Tree crops (Coconut, Oil palm, Plantain, Citrus – Oranges & Tangerine)

- Describe the climatic and soil requirements.
- The various varieties grown.

- Cultivation and propagation.
- Yield and diseases.
- Harvesting.

5. Soil Management

- Types of soils, soil structure, soil PH, land preparation.
- Soil nutrient & maintenance.

6. Weeds

- Types of weeds.
- Method of weed dispersal: wind, water, animals, explosive mechanism.
- Weed control.

7. Safe Use of Agro-Chemicals

8. Integrated Pest Management

9. Fertilizer: Types, Uses, Advantages & Disadvantages

