

WORKSHOP

on

Protected Cultivation

Date: 19th June 2020

Resource Person:

K.V. Ramana Rao

SCIENTIST-G SERB

Department of Science and Technology

No. of Participants: 245

Profile: Dr. K. V. Ramana Rao is presently working as a Scientist-G SERB DST, New Delhi. Prior to that he had worked with ICAR-CIAE as a principal scientist. He is also a recipient of Norman Borlaug International Agriculture and Technology Fellowship, 2011, Scientist of the year 2017, Eminent Scientist award 2017, Krishi Vigyan Gaurav Award. He also has published more than 70 research papers, 40 technical bulletins and 8 book chapters.

About the Session:

The session gives a brief on the biotic and abiotic stress which is why the protected cultivation facilitates off-season cultivation. Under protected cultivation, there are no biotic agents that can harm a plant which means fewer uses of pesticides and insecticides. Benefits of Protected cultivation are; better quality produce, Off-season production, higher productivity, etc. Some of the commonly used practices are — forced ventilated greenhouse, naturally ventilated polyhouse, insect-proof net house, shade net house, plastic tunnel, and mulching, raised beds, trellising, and drip irrigation.

Objectives:

- To introduce protected cultivation in off season cultivation
- To introduce crops that are grown in different climatic conditions
- To introduce different intercultural activities to conserve water
- Reduced use of Pesticides

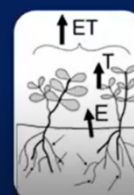
Outcome:

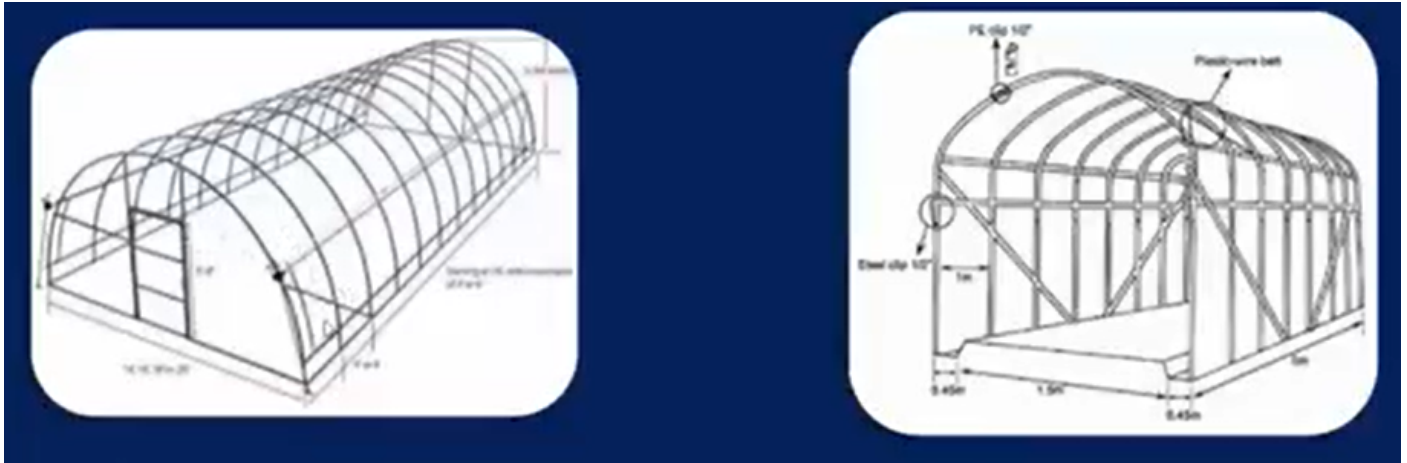
It could be utilized for the seed production of high-value vegetable crops. High productivity per unit area can be achieved through high-quality management. Easy to protect the crop against pest, diseases, and extreme conditions.



What is CWR

- Depth of water needed to meet the water loss through ET by disease free crop growing in a large field under non restricted conditions





Few screenshots from FDP



WEBINAR ON **Protected cultivation**

Organized by :

Centurion University of Technology and
Management

Resource Person

K.V. Ramana Rao

SCIENTIST-G SERB

Department of Science and Technology

Date: 19-06-2020

centurion university of technology and management
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