

Training module on “Water Management” sub committee

Objective:

- **Adequate water supply to all the members of WUA**
- **Increase the water use efficiency**
- **Avoid the tail end issues**
- **Framing of rules and regulations in participatory manner**

(To make the water management sub committee to aware about its roles and responsibilities in participatory irrigation management)

Expected out put:

- **Rules and regulations developed by the members**
- **No scope for conflicts**
- **Able to supply of Water to all the fields**

(Formation of subcommittee and its function effectively)

Methodology:

- **Brainstorming**
- **Participatory learning discussion**
- **Exercises**
- **Sub group discussion**
- **Information sharing**
- **Lecturing**

No of sessions:

- **Eight**

Time required:

- **300 minutes**

Material required;

- **Drawing sheets**
- **Sketch pens**
- **Cello tape**
- **Scissor**
- **Flash cards**

Participants:

- **Water management sub committee members of WUA**

“Water management” sub committee training module

Session one: Background of the irrigation system and its performance and a paradigm shift in irrigation management.

Objective:

To make the participants to aware about

- Importance of PIM
- Importance of WUA and it formation
- Roles and responsibilities of WUA and its Management committee

Expected out put:

- To bring the Participants in to the right track

Content:

- Background of Irrigation system and its performance
- Reasons for poor performance
- Importance and need of PIM
- Paradigm shift in irrigation management
- Resulted to APFMIS act 1997
- Constitution of WUA (Delineation, Membership, Structure and formation)

Methodology:

- Brainstorming

Ask the participants to think about the changes are being happened in the irrigation system for the past 15 years and the reasons for it (What happened? why? How it was rectified? When? With what? Go on ask continuously till to get full information for each question

Note down the information point wise categorically and make them consolidate and add left over. Finally give your conclusions and close the session

Time required:

- 45 Minutes

Material required:

- Sketch pens
- White board
- Cello tape
- Scissor

Session two: Importance of Sub committees and its formation

Objective:

To make the participants to clear about

- Importance of sub committees and its functions

Expected out put:

- Realisation about their roles and responsibilities

Content:

- WUA functions
- Need of sub committees
- Types of sub committees and its size
- Formation of sub committees and its responsibilities

Methodology:

- Sub group discussion

Divide the participants in to sub groups depends on the participants size but ensure 6 to 8 members in each sub group. Ask the sub groups to work on the following one for each in fifteen minutes:

- Functions of WUA
- Need of sub committees and its types and size
- Formation of sub committees and its responsibilities

Ask them to do the presentations group wise and cross check with the participants whether it is correct are not and add left over. Finally give your conclusions and close the session

Time required:

- 25 Minutes

Material required:

- Sketch pens
- Drawing sheets
- Cello tape
- Scissor

Session three: Fixing of the objectives of Water management sub committee with the participants

Objectives:

- **To make the participants to commit and aware about their responsibilities**

Expected out put:

- **Understanding the responsibilities**

Content:

- **Adequate water supply to all the members of WUA**
- **Increase the water use efficiency**
- **Avoid the tail end issues**
- **Framing of rules and regulations in participatory manner**

Methodology:

- **Participatory learning discussion**

Initiating the discussions with the participants to extract the objectives of water management committee and to get the consensus from them

Time required:

- **20 Minutes**

Material required:

- **Sketch pens**
- **White board**
- **Cello tape**
- **Scissor**

Session four: Functions of water management sub committee

Objectives:

- **To make the participants to commit and aware about their Functions and what they supposed to do**

Expected out put:

- **Consensus and realization about their functions and understanding the responsibilities**

Content:

- **To carry out the decisions of the Managing Committee and of the general body on water regulation**
- **Preparation of water release schedule**
- **Patrolling of the canal**
- **Regulating the canals and use of water**
- **To see that the water must be supplied to all the fields**
- **Checking the irrigation and drainage system regularly**
- **Recording the water deliveries**
- **Reporting to the WUA management committee if any violations in the use of water**
- **Record maintenance of land owners & water users**
- **Organising exposure trips to the farmers**
- **Organising trainings to the farmers on irrigation water management**

Methodology: Sub group discussion

Divide the participants in to sub groups depends on the participants size but ensure 6 to 8 members in each sub group. Ask the sub groups to find out the function of water management sub committees. Give 30 minutes time for sub group discussions

Ask them to present group wise and get the consensus from the other group members and make them consolidate and add left over. Finally give your conclusions and close the session

Time required:

- **45 Minutes**

Material required:

- **Sketch pens**
- **Drawing sheets**
- **Cello tape**
- **Scissor**

Session five: Roles and responsibilities of water users in water management

Objectives:

- **To make the participants to clear about the users roles and responsibilities in water management and what they supposed to do**

Expected out put:

- **Defining the roles and responsibilities of water users**

Content:

- **All the water users fallow the guide lines**
- **Water must be saved**
- **Water wastage must be controlled**
- **Field preparations must be proper**
- **Field canals should keep clean**
- **Water saving methods to be fallowed**
- **Prefer to go for ID crops**
- **Allow the water to go to the tail end first**

Methodology: Exercise

Time required:

- **30 Minutes**

Material required:

- **Sketch pens**
- **Drawing sheets**
- **Cello tape**
- **Scissor**

Session six: Water use efficiency

Objectives:

Make the participants to think about

- **On farm developments**
- **Soil, water and plant relationships**
- **Scheduling of irrigation**
- **O&M of the irrigation system**

Expected out put:

- **Awareness on water use efficiency systems**

Content:

Water management efficiency depends on:

- **Status of irrigation source**
- **Water supply channels**
 - **Main canals**
 - **Sub canals**
 - **Sub minors**
 - **Field canals**
- **Water suppliers and users**
- **Crops and its water requirement**
- **Soils and its characters**
- **Climatic conditions**
- **Irrigation scheduling**
- **O&M of the irrigation system**
- **Methods of irrigation**

Methodology:

- **Brainstorming**

Ask the participants to think about the water use efficiency systems and what should be done Go on ask continuously till to get full information for each content point.

Note down the information point wise categorically and make them consolidate and add left over. Finally give your conclusions and close the session

Time required:

- **60 Minutes**

Material required:

- **Sketch pens**
- **White boards**
- **Cello tape and Scissor**

Session seven: Methods of irrigation in water management

Objectives:

Make the participants to aware about

- **Different types of irrigation methods**

Expected out put:

- **The efficiency use of water**

Content:

- **Check basin irrigation**
- **Furrow irrigation**
- **Border strip irrigation**
- **Pit irrigation (Padulu)**
- **Sprinkler irrigation**
- **Drip irrigation**
- **Pitcher irrigation**

Methodology:

- **Participatory learning discussion**

Initiate the discussions with the participants to extract the irrigation methods for water saving and get the consensus from them

Time required:

- **30Minutes**

Material required:

- **Sketch pens**
- **White boards**
- **Cello tape**
- **Scissor**

Session eight: Framing of rules and regulations

Objectives:

- **Developing the guide lines for water management**

Expected out put:

- **The efficiency use of water**

Content:

- **Water releasing schedule**
- **Crop selection**
- **Irrigation methods**
- **Irrigation schedule**
- **Water suppliers and users**
- **Unauthorized ayacut irrigation**
- **Tail end issues**
- **O&M works**
- **Water tax fixation and collection**
- **Implementation and monitoring**

Methodology:

- **Sub group discussion**

Divide the participants in to sub groups depends on the participants size but ensure 6 to 8 members in each sub group. Ask the sub groups to frame the guide lines for effective use of water by the water management sub committees. Give 30 minutes time for sub group discussions

Ask them to present group wise and get the consensus from the other group members and make them consolidate and add left over. Finally give your conclusions and close the session

Time required:

- **45Minutes**

Material required:

- **Sketch pens**
- **Drawing sheets**
- **Cello tape**
- **Scissor**