



STAR YOUTH ASSOCIATION (SYA) – GwG PRI AP PROJECT, GOOTY.

Report on Crop Water Budget (CWB) Workshop-2016

Introduction:

Star Youth Association (SYA) has a partner NGO in the GwG PRI AP Project had the privilege of conducting Crop Water Budget (CWB) Workshop-2016 at Upparavanka HU.

Objective: The prime objective is to share the Crop Water Budget results and adaptation Practices in Upparavanka HU.

Venue: Kalavagadda Anjaneyaswamy Temple, Gooty.

Date: 29.09.2016 from 10:00 am to 4:00 pm.

Number of Participants: Male: 61 Female: 21 Total: 82

Number of Officials participated in the workshop: 2

The participants are WMC members, PJM members & farmers, OB Well and RG Volunteers from the all over Upparavanka HU. The following agenda has been fixed for this event.

- ✓ Registration.
- ✓ Welcome Address.
- ✓ Objectives of the Crop Water Budget Workshop.
- ✓ Calculation of the area under Upparavanka HU.
- ✓ Water recharges from June to September 2016.
- ✓ Percentage of infiltration in Upparavanka HU.
- ✓ Usage of draft of water from June to September 2016.
- ✓ Balance of Water from June to September 2016.
- ✓ Requirement of Water for Upparavanka HU Crops.
- ✓ Recharge of Water from Tanks, ponds and check dams.
- ✓ Water requirement for Kharif crops 2016.
- ✓ Vote of thanks.

Registration:

The SYA-GwG PRI AP Project team member Mr.M.HussainSaheb Village Coordinator had taken up the responsibility of registration of the officials and participants.

Welcome Address:

Mr.M.HussainSaheb V.C had extended Worning welcome to the HUN Secretary Ms.B.Jayamma and farmers and initiated the program and explained the reason for organizing the Crop Water Budget Workshop. And invited Mr.A.Venkataramudu AO, to taken the program.

Objectives of the Crop Water Budget Workshop:

After welcoming the participants Mr.Mhussain Saheb VC, had explained the prime objectives of the Crop Water Budget Workshop as follows.

- Ground Water Recharge from June to September2016 in Upparavanka HU.
- Water use for Crops from June to September 2016 in Upparavanka HU.
- Discussion on Water requirement for kharif Crops 2016.
- Balance of Water from June to September 2016.



1. Calculation of the area under Upparavanka HU banner:

Ms.B.Jayamma (Secretary) disclosed to the farmers regarding The total area under Upparavanka HU. And that is 7,800 Ha.



2. Water recharge From June to September 2016 banner:

Mr.G.Rama Krishna revealed to the Farmers about the Rainfall data is 303.75 mm and Ground water recharge is 1,895,400 Cubic meters from June to September 2016. And he said Percentage of infiltration in that area is 8% because of the rock formations.



3. Percentage of infiltration in Upparavanka HU area banner:

Mr. G.Ramakrishna explained this banner that is how We can get ground water through rain and he gave an Example that is in his words 'if we get 100 buckets of water From rain, only 8 pots of water infiltrated through the Rocks formations (Opening) which is our area?' rest of 92 Pots go away towards the down areas.



4. Usage or draft of water from June to September 2016 banner:

Mr.C.Eswara Reddy explained about the draft from June to September 2016.As per his Presentation number of functional Wells were 230, daily pumping hours average 6 hours, number Of pumping days 85 days. Average well discharge liters Per hour – 12000. And total draft is 140, 76, 00,000 Liters.



5. Balance of water from June to September 2016 banner:

Ms.B.Jayamma reveled about the balance of water from June to September 2016. Briefly his presentation is

Kharif Recharge is 1,911,180 Cubic meters

Kharif Draft is 1,407,600 Cubic meters

Kharif Balance is + 503,580 Cubic meters

80% Groundwater available for usage rest the Monsoon year is 402,864 Cubic meters

6. Requirement of water for Upparavanka HU Kharif crops:

Mr.K.Yesaiah explained requirement of water for Upparavanka HU Kharif crops. We are practicing agriculture In 10,471 acres and for this cropping we need 14,515,960 Cubic meters.

7. Recharge of water from Tanks, Ponds and check dams:

Ms. Jayamma explained secondary recharge of water From our ponds-8, check dams – 32 and tanks-4. Totally Recharge of water is 15,780 Cubic meters.

Vote of thanks:

The program came to an end with the vote of thanks by Mr.M.HussainSaheb Village Coordinator.

THANK YOU

