2014 Yala Performance

- As no heavy rainfall was occurred in the North East Monsoon it was decided to advance the Yala cultivation to capture any rainfall that may occur in April & May.
- Anticipated year 2014 will be a dry year
- This situation was announced to Farmers through Project Management Committee Meetings of each scheme
- With the concern of the Farmers the cultivation meetings were advanced by informing GA
2014 Yala Performance

As the Farmers were agreed with the advice given by the Irrigation Department, decision was taken to complete the sowing before Sinhala Tamil New Year and strictly informed no extension will be granted under any circumstances.

All farmers agreed to cultivate 3 months variety of Paddy

The DAC & Cultivation meetings were arranged in a short notice and conducted before end of February 2014.
Cultivation Meetings

-The cultivation meetings were held on:
  ✓ 24th February 2014 for Navakiri & Thumpankerny scheme,
  ✓ 26th February 2014 for Kaddumurivu scheme, Vahanery & Punanai Anicut schemes
  ✓ 28th February 2014 for Unnichchhai, Rugam, Kitul & Weligahakandiya scheme,
The situation of the Reservoirs before the Cultivation meetings are

<table>
<thead>
<tr>
<th>Name of Reservoir</th>
<th>Full Supply Depth</th>
<th>Full Capacity (acft)</th>
<th>Water Level</th>
<th>Capacity (acft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unnichchāi</td>
<td>33 ft.</td>
<td>55,020</td>
<td>32 ft.</td>
<td>52,091</td>
</tr>
<tr>
<td>Navakiri</td>
<td>31 ft.</td>
<td>53,000</td>
<td>27.5 ft.</td>
<td>42,118</td>
</tr>
<tr>
<td>Rugam</td>
<td>15 ft. 08 inches</td>
<td>18,600</td>
<td>15 ft. 08 inches</td>
<td>18,600</td>
</tr>
<tr>
<td>Vahanery</td>
<td>19 ft. 02 inches</td>
<td>13,500</td>
<td>19 ft</td>
<td>13,324</td>
</tr>
<tr>
<td>Kitulwewa</td>
<td>12 ft.</td>
<td>4,205</td>
<td>05 ft. 08 inches</td>
<td>1,335</td>
</tr>
<tr>
<td>Weligahakandiyā</td>
<td>15 ft. 05 inches</td>
<td>1,483</td>
<td>15 ft. 05 inches</td>
<td>1,483</td>
</tr>
<tr>
<td>Wadamunai</td>
<td>12 ft. 06 inches</td>
<td>4,500</td>
<td>03 ft. 02 inches</td>
<td>891</td>
</tr>
<tr>
<td>Kaddumurivu</td>
<td>11 ft. 06 inches</td>
<td>4,703</td>
<td>10 ft. 01 inches</td>
<td>3,531</td>
</tr>
<tr>
<td>Thumpankerny</td>
<td>17 ft. 03 inches</td>
<td>1,194</td>
<td>13 ft. 07 inches</td>
<td>631</td>
</tr>
</tbody>
</table>
# Cultivation Meetings

- Following Decisions were taken:

<table>
<thead>
<tr>
<th>Name of Scheme</th>
<th>Commencement Cultivation</th>
<th>Sowing Water Issue</th>
<th>Last Date Sowing</th>
<th>Water Issue</th>
<th>Harvesting</th>
<th>Total Extent decided (acs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navakiri</td>
<td>07/03</td>
<td>01/04</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>10/08</td>
</tr>
<tr>
<td>Unnichchai</td>
<td>01/03</td>
<td>20/03</td>
<td>05/03</td>
<td>15/04</td>
<td>15/07</td>
<td>15/08</td>
</tr>
<tr>
<td>Rugam</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Kitulwewa</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Weligahakandiya</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Vahanery</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Punanai</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Kaddumurivu</td>
<td>01/03</td>
<td>15/03</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Thumpankerny</td>
<td>07/03</td>
<td>01/04</td>
<td>15/03</td>
<td>10/04</td>
<td>10/07</td>
<td>31/07</td>
</tr>
<tr>
<td>Wadamunai</td>
<td>Not Decided</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Cultivation Meetings

- The Critical Reservoirs for Yala Cultivations were Rugam, Vahanery, Punanai Anicut & Kitulwewa.
- Wadamunai Reservoir was empty (1 foot 09 inches before the commencement of Yala) the cultivation of Wadamunai Tank was not decided.
- The capacity of Rugam Reservoir was 18,600 acft and could be cultivated only 3,000 acs without anticipating any inflow during the season
The capacity of Vahanery Reservoir was 13,300 acft and could be cultivated only 2,000 acs without anticipating any diversion from Maduru Oya during the season.

The capacity of Kitulwewa was 1,335 acft which is about 30% of the capacity and could be cultivated only 200 acs.
Cultivation Meetings

- All these Critical Issues were informed to the farmers at the cultivation meetings of each scheme.
- Rugam farmers requested to cultivate 5,240 acs with their own risk though Irrigation Department had given the assurance only for 2,500 acs.
- Vahanery Farmers too requested to cultivate 8,550 acs with their own risk though Irrigation Department had given the assurance only for 2,000 acs at that time of cultivation meeting, since the Water panel meeting was not held at that moment.
Cultivation Meetings

- Though the capacity of Kitulwewa Reservoir was only 30% of the full capacity Irrigation Department officials had some ideas to divert water from Mundenai aru & with the discussion of Director of Irrigation (WM) agreed to cultivate 470 acs of paddy under this Reservoir
Action Taken in Rugam Scheme

- Both Sand Dams were constructed simultaneously.
- To construct both Sand Dams we faced lot of problems due to lack of machinery in the department.
- Finally the monopoly of the machinery suppliers was broken by deploying departmental JCB & Farm Tractors though the cost of operation is very high.
Action Taken in Rugam Scheme

- Finally the supplier of the machinery supplied his D6 machine & completed both dams before water issues.
- The completion of both Sand Dams one at Mawadiodai & other one at Kiranpulchchenai make us easy for irrigation systematically in three different blocks in Rugam scheme.
- In addition to this another sand dam was constructed across Mundenai aru to divert water to Kitulwewa.
Mahaweli Water Panel Meeting

- It has been decided at the Water panel meeting to issue water to Vahanery Reservoir from NDK reservoir
Cultivation

- All the Farmers were informed the cultivation calendar by posting the notice on public places including small boutiques where farmers gather.
- In some tracts the FOO had taken initiative to post the notice of the calendar.
- Water Issues were commenced on correct date.
- Water Issue meeting were arranged weekly with farmer leader and discussed position of the reservoirs & requirement from the farmers and adopted accordingly.
Sample of the notice

2014 கிமுவரன்
அகறாயிட்டும்

1. கிமுவரன் நாளையம்
2. கிமுவர செயல் வழிமை
3. கிமுவர அருமை
4. கிமுவர கால்செயல்
5. கிமுவர நூற்றாண்டு இடுக்கு
6. கிமுவர நடவடி
7. கிமுவர செயல் நூற்றாண்டு இடுக்கு
8. கிமுவர செயல் அருமை இடுக்கு
9. கிமுவர செயல் கால்செயல் இடுக்கு
10. கிமுவர செயல் செயல் அருமை இடுக்கு
11. கிமுவர செயல் கால்செயல் இடுக்கு
12. கிமுவர செயல் கால்செயல் இடுக்கு
13. கிமுவர செயல் இடுக்கு

: 3, 3 ½
: 01.03.2014
: 15.03.2014
: 01.07.2014
: 31.03.2014
: 31.03.2014
: 31.03.2014
: 15.03.2014
: 15.03.2014
: 15.07.2014
: 31.07.2014
: 31.07.2014
: 01.03.2014
:தாய்வார் பொழுது
Cultivation

- The Management was very strict, not allowed any illicit cultivators in any of the schemes, the land preparation progress were taken weekly & discussed at the Water Issue meetings.
- Short comings of farmers were discussed at the weekly water issue meetings and taken immediate action through Farmers Organisations.
- Land Preparation progress of each scheme were collected weekly from the beginning of the cultivation.
Protest by Farmers

- At the beginning some unauthorized farmers under Rugam scheme had a protest march against Irrigation officials to allow them to cultivate & threatened the officials through local politicians
- We have not allowed to do any of the unauthorized cultivation
- The unauthorized farmers who have cultivated without listening to Irrigation officials have been informed to Police & some instances it was reported to District Secretary & she had taken action against the unauthorized cultivators by informing Snr.DIG
Protest by Unauthorized Farmers
Cultivation

- Sowing of all the schemes were completed to the decided time & therefore the rainfall received in May was utilized fully both reservoirs & paddy field.

- With the rainfall in May 2014, the unauthorized farmers in Rugam Schemes approached the local politicians again and the local politicians wanted to increase another 2,500 acs in Rugam scheme
Protest by Farmers

- Under this condition authorized farmers had a protest march against the Irrigation officials.
- Hon. Deputy Minister of Resettlement had organized meetings with unauthorized & authorized farmers separately with Irrigation Officials & District Secretary to allow the unauthorized farmers to cultivate.
- However, Irrigation Officials didn’t support unauthorized cultivation & explained to the Hon. Deputy Minister.
Protest by Farmers

- However it was forcibly decided by the Hon. Deputy Minister to cultivate those unauthorized area of 2,500 acres with their own risk & with the condition that they will not disturb the water issues of authorized cultivation.
Protest by Authorized Farmers
Cultivation

- Fortunately as there were rainfall in May & in May all other cultivations in Rugam Scheme are about a month crop & required less water the illicit cultivation also escaped from the damages without irrigation

- However as the Punanai Anicut Farmers were late in cultivation due to the non assurance of Maduru Oya flow & scarcity of the water in Maduru Oya and finally end up with 500 acs though it was decided to cultivate 1,550 acs
Water Issues

- It has been observed that the inlet channel & the LB Sluice was filled heavily when the water level in the Vahanery reservoir was dropped

- Action was taken to excavate the inlet channel with support given by the Director (WM)
Inlet Channel of Vahanery LB Sluice
## Duty & Yield

<table>
<thead>
<tr>
<th>Name of Scheme</th>
<th>Extent (acs)</th>
<th>Date of Last Water Issue</th>
<th>Duty (ft)</th>
<th>Yield (bu/ac)</th>
<th>Total Production in bushels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navakiri</td>
<td>11,836</td>
<td>10/07</td>
<td>2.8</td>
<td>88.8</td>
<td>1,032,154</td>
</tr>
<tr>
<td>Unnichchai</td>
<td>11,500</td>
<td>15/07</td>
<td>3.5</td>
<td>135.0</td>
<td>1,539,000</td>
</tr>
<tr>
<td>Rugam</td>
<td>5,240</td>
<td>10/07</td>
<td>3.1</td>
<td>147.0</td>
<td>912,723</td>
</tr>
<tr>
<td>Kitul</td>
<td>470</td>
<td>10/07</td>
<td>6.7</td>
<td>109.0</td>
<td>51,230</td>
</tr>
<tr>
<td>Weligahakandiya</td>
<td>300</td>
<td>10/07</td>
<td>5.1</td>
<td>117.0</td>
<td>29,250</td>
</tr>
<tr>
<td>Vahanery</td>
<td>8,550</td>
<td>10/07</td>
<td>2.7</td>
<td>137.0</td>
<td>850,633</td>
</tr>
<tr>
<td>Punanai</td>
<td>1,585</td>
<td>10/07</td>
<td></td>
<td>117.0</td>
<td>58,500</td>
</tr>
<tr>
<td>Kaddumurivu</td>
<td>850</td>
<td>10/07</td>
<td>4.1</td>
<td>104.0</td>
<td>99,112</td>
</tr>
<tr>
<td>Thumpankernery</td>
<td>120</td>
<td>10/07</td>
<td>2.9</td>
<td>82.8</td>
<td>11,596</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>40,451</strong></td>
<td><strong>39,896</strong></td>
<td></td>
<td></td>
<td><strong>4,584,198</strong></td>
</tr>
</tbody>
</table>

### Calculations:

"Decided Cultivated" refers to the planned extent of cultivation, and "Actual" indicates the extent actually cultivated. The "Date of Last Water Issue" indicates the date the last irrigation water was applied. The "Duty" column represents the lease rate, while the "Yield" column indicates the average yield per acre. The "Total Production" column sums up the production in bushels for each scheme, providing a complete picture of the agricultural output.
Cultivation

- The Following Benefits were occurred to the Farmers due to advancement of cultivation
  - None of the farmers have applied pesticides
  - The yield is very high compare to other seasons
  - They manage the cultivation with lesser amount of water by utilizing the rainfall during the season
  - The product got good price as the product came to the market early
  - The Monopoly of the Mill Owners were broken & the farmers were benefited than other seasons
Results of the Cultivation

- At the end of the cultivation, the farmers were very happy about their yield, less cost of cultivation & high price they wanted to appreciate the Irrigation Department by celebrating Harvesting Festivals.
- They invited the Secretary & the Director General are the Chief Guest for the festival as an appreciation.
- They have appreciated Irrigation Department in DAC, 2014/15 Maha Cultivation meetings & other occasions.
Appreciation By Unnichchhai Farmers
Acknowledgement

- For the success of the 2014 Yala Cultivation I thank Director General of Irrigation for transferring Eng. S. Hemakanth as Rugam Divisional Irrigation Engineer
- Next I thank District Secretary for arranging DAC & Cultivation meetings on time as requested by us and immediate action to stop unauthorized cultivation through DIG
Acknowledgement

- Next I thank Eng. Janaki Meegastenna, Director (WM) for providing sufficient funds to attend urgent needs for overcome the difficulties.
- Next I Thank Eng. S. Hemakanth & Eng. M. Mauran for working around the clock on my instruction to make the season success.
- Finally I Thank all the Irrigation Engineers in-charge of schemes & the Engineering Assistants who helped us for strict Water Management without illicit tapping by informing us then & there.
Cultivation for Maha 2014/15

- Cultivation Meetings were held & decided to commence the cultivation with effect from 01<sup>st</sup> September
- The sowing before 15<sup>th</sup> October depending on rain
- The farmers have completed land preparation & waiting for a rain to sow
Maha 2014/15 Progress
Thank You!