4(b). Types of weather forecast and details -contd.

Dr. T.N. Balasubramanian
Integrated Weather forecast

• Integration means integrating, long range, medium range and short range, and given to farmers from single source with agro advisory in temporal dimensions.
## Forecast types and Farm Decision to be Taken

<table>
<thead>
<tr>
<th>Steps to be followed</th>
<th>Single source to be nominated</th>
<th>Agro advisory to be given</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Long range</td>
<td>IMD</td>
<td>Area to be cultivated, crops and technology to be selected (crop planning), input management including labor</td>
</tr>
<tr>
<td>2. Medium range</td>
<td>IMD</td>
<td>land preparation, Sowing, fertilizer application, plant protection etc.,</td>
</tr>
<tr>
<td>3. Short range</td>
<td>IMD</td>
<td>Harvest, water management, plant protection etc.,</td>
</tr>
</tbody>
</table>
Priority of Communication and Farm Decisions Under Integrated Weather forecast through Single Window

- Long Range forecast/Seasonal climate forecast
- Medium range forecast
- Short range forecast
- Seasonal crop plan and management decisions
- Farm operations decisions
- Retuning/re-modifying earlier decisions taken under medium range