





**a. Move cropping schedule (Parallelogram) by 1-2 weeks earlier**



**b. Rationalize Program Area**

Program area to be irrigated based from dependable water supply



**c. Adopt Rotational Water Distribution**



**d. Adopt Alternate Wetting and Drying (AWD)**



**e. Maximize use of water to mitigate losses in irrigation drainages**



**f. Active participation of tech-demo farms by Irrigators**

Associations in cooperation with state universities and colleges



**4. Installation of Supplemental Machineries and Equipment for Water Augmentation**

Installation of water augmentation pumps  
Put up water augmentation pumps where ground water exists (regular pumps and shallow tube wells)



**5. Carryout Cloud Seeding**

Commission cloud seeding operations



## B. Long-term Measures



**1. Re-use Structures to Collect Drainage Discharge**



**3. Assess streamflow and rainfall reduction by El Niño to improve planning data**



**2. Cap/Regulate Water Withdrawals**

Put a cap to and regulate offtake diversions to trim water wastage



**4. Concrete Line Irrigation Canals**

Concrete-line irrigation canals to reduce water loss from conveyance