

Suggested Watering-

1. Sowing of Soyabean and Urdbean in Broad Bed Furrow (BBF) sowing method.
2. Irrigation applied in the field of Soyabean-Rice in Border strip Method. [6 Mt wide X 40-50 Mt length]
3. Apply of Irrigation through Sprinkler System. (30-35 % Water Saving)
4. Irrigation applied by Mini-Sprinkler or Drip Irrigation in Potato, Garlic, & in all vegetables grown in Drip system (60-70 % Water Saving)
5. Use of Plastic Mulching in Tomato, Chillies, Brinjal & Other Vegetables (75-80 % Water Saving)
6. Best monitoring & Regulation of canal water can be checked through Barabandi System along with pricing of water (Rs./Ha)
7. Use of Canal Water through HDPE pipeline from source to field (5-10 % Water Saving)
8. Soils are medium to heavy clay soils in Hadoti region so trafficability of sprinkler system is not possible. So we recommend Mini Sprinkler system since beginning of Crops to harvest of crops compared to flood irrigation method. (35-40 % Water Saving)
9. Growing of High Value Crops i.e. Cucumber (Kheera), Perennial Tomato (Interminate Type), Capsicum, Zerbera, Strawberry, Dutch Roses etc.
10. Ultra High Density Plantation (UHDP) in Mandrine and Papaya in Jhalawar Distric, Guava, Pomegranate & Papaya in Kota, Bundi, Baran, Sawai Madhopur and Karauli District.
11. IWR based on Cumulative PAN Evaporation.
Wheat 4 Stages-
 - 1- CRI (Crown Root Initiation)
 - 2- Late Tillering
 - 3- Boot Stage
 - 4- Milk StageWatering of Wheat Crop at 6" Depth.
12. Leveling of Land through Laser Land Leveler for Flooding to major field crops i.e. Soybean, Maize, Rice in Kharif Crops & Wheat, Mustard, Coriander, Garlic, Sugarcane, Fenugreek etc in Rabi Crops. Some innovative farmers of Digod and Sangod are using Laser Land Leveler for enhancing productivity of Crop & Water.

13. Renewable Energy (Solar Energy) can be created in the Chambal Command Area where LMC & RMC in the Farmer field to achieve the Water Use Efficiency of Canal System by checking the evaporation losses due to direct sunrays.
14. Adoption of Integrating Farming System to small & marginal farmers having land holding less than 2 ha.

Suggested Cropping-

Prevailing Cropping Pattern				Suggested Cropping Pattern			
S. No.	Kharif	Rabi	%	S. No.	Kharif	Rabi	%
1	Soybean	Wheat	40%	1	Urdbean	Wheat	30%
2	Soybean	Garlic	10%	2	Urdbean	Mustard	15%
3	Urdbean	Wheat	18%	3	Urdbean	Garlic	8%
4	Maize	Mustard	8%	4	Maize	Mustard	10%
5	Fellow	Garlic	10%	5	Maize	Coriander	6%
6	Rice	Wheat	11%	6	Urdbean	Coriander	12%
7	Fellow	Coriander	3%	7	Rice	Wheat	10%
8				8	Others (Vegetables)		9%
	TOTAL		100%		TOTAL		100%