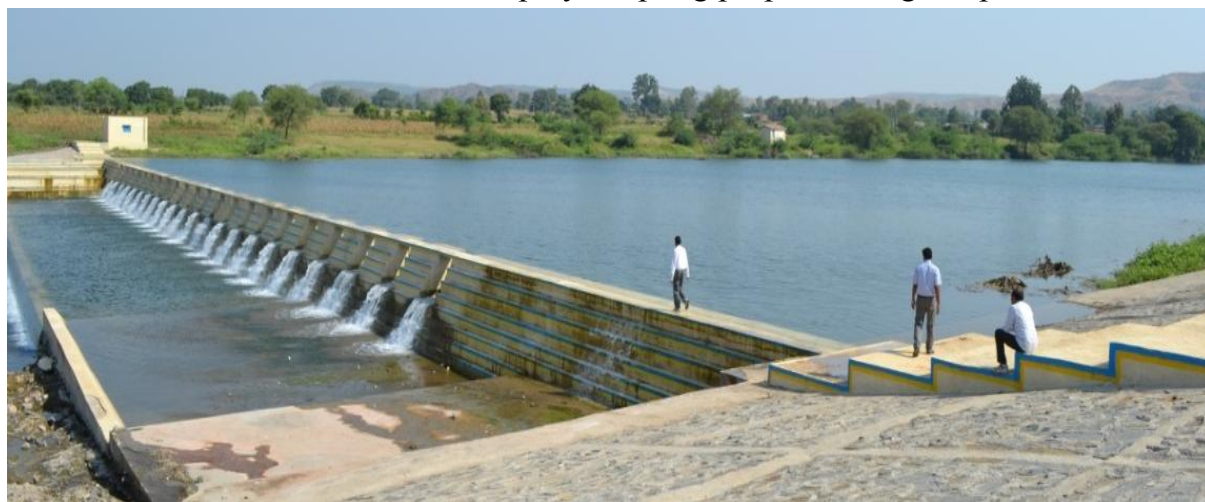


**GOVERNMENT OF RAJASTHAN
DIRECTORATE OF AGRICULTURE**

Success Story on completed RKVY Community Managed Water Harvesting Structures viz. Check dam -Anicut and Lift Irrigation Schemes (LIS) in District: Banswara

Check dam-Anicut

Borbhatod Check dam: This check dam is on Haren river in Borbhatod village of District Banswara, Tehsil : Kushalgarh, Gram Panchayat : Bilidi. Haren river is one of major tributaries of river Anas which further merges to Mahi River. Work of check dam is completed in year 2013-14, Total length of check dam is 176.00 m with height of 4.60 m. This check dam is having Storage capacity of 40.00 mcft of water in length of 3.00 km and creating potential for irrigation in 450 acre of land. From this check dam 4 lift irrigations schemes are providing benefit of irrigation in rabi and summer season in the land to 300 tribal families. Besides due to storage water of this check dam, 27 no of open wells get recharged, water table has risen up to 1 to 2 m and have sufficient water throughout the year making drinking water availability. In 400 acres farmers have started taking bumper crop of cereals mainly maize and wheat. In one village we also promoted maize seed production activity by farmers in 90.00 acre of land. Organisation has promoted agriculture with proper package of practices (POP) for maximising the produce and thereby income per acre. Maize seed production of 650 quintal fetched about Rs 30.00 lakh in Rabi season of year 2015-16 in 90 acres. Hence farmers earned Rs. 33000/- per acre. In other 300 acres of land average income per acre is about 20000/- from cereal crop by adopting proper Package of practices.



Therefore, total income from 400 acres of land being irrigated by this check dam and LI combination is Rs. 90 lakhs in one season of Rabi. Farmers have also taken summer crop partially which gave them additional income. Further to income, farmers have enough fodder for their cattle. There is further scope of maximising utilisation of Borbhatore check dam storage and hence we have proposed new LIS in village Padla vadakiya also.

Lift Irrigation Schemes

Ghorwada Lift Irrigation: This Lift Irrigation scheme is in Ghorwada village of Tandri panchayat of Sajjangarh tehsil in Banswara district. The source of water for this Lift Irrigation is Anas River having sufficient water during irrigation season. Work of this LI scheme is completed in year 2013-14. The height of lifting of water from source to highest point is 55 m and installed pumping capacity is 75H.P. From this scheme 65 families are getting irrigation in 75 acres of land one season. Out of 75 acres of irrigated land, wheat was sown in 55 acres and gram in 10 acres and maize in 10 acre in rabi season of 2015-16. Total production was 580 quintal of wheat, 155 quintal of maize and 55 quintal of gram. Total income of one season is Rs. 12.05 lakhs and average income per acre is Rs. 16000/- . Besides production of food grain, farmers also have sufficient fodder for their cattle from these crops. This is income range in initial years which will increase further with adoption of better practices and support being provided by us.



Community lift irrigation scheme at village Ghorwada Tehsil: Sajjangadh District: Banswara implemented by NM Sadguru Water & Development Foundation under Rashtriya Krishi Vikas Yojana, Government of Rajasthan.