



INDIA PULSES AND GRAINS ASSOCIATION WATER RESOURCE REVIVAL PROJECT

**AN
INTERNATIONAL YEAR OF PULSES 2016
INITIATIVE**



Water Resource Revival Project

- Marathwada region has had three consecutive years of drought
- Rivers, nallahs and wells are dry causing huge scarcity of water for drinking and farming
- Farmers moving away from Pulses cultivation to Cotton, Maize and Soyabean

Water Resource Revival Project

- IPGA's aim is to create a long-term solution to the water problems
- Phulambri Taluka in Aurangabad District and Bhokardan Taluka in Jalna district were selected for the project



Water Resource Revival Project

Taluka Phulambri

- Wanegaon
- Daregaon Dari
- Manmodi

Taluka Bhokardan

- Bhokardan
- Pimpalgaon Renukai
- Shipora Bazaar
- Paradh
- Kolegaon
- Malegaon
- Kolhapur

Water Resource Revival Project

- The Project was inaugurated on May 18, 2016 by Shri Raosaheb Patil Danve – Hon'ble Member of Parliament and BJP Maharashtra State President for BJP



Water Resource Revival Project

- About the Project:
 - Most river beds and nallahs in these villages were filled with silt due to which rain water would not accumulate in these areas
 - Widening and deepening of river beds and nallahs was started in each of these villages
 - Adopted the DOH (डोह) model
 - In this process, multiple pockets of about 300 meters in length at a distance of 10 to 15 meters are created within the riverbed/nallah.
 - These pockets capture the water which then percolates into the surrounding soil replenishing the water table.

Water Resource Revival Project

- About the Project:
 - Each river bed / nallah is being excavated to a distance of 2 km to 3 km each
 - The excavation covers the entire span of the river bed / nallah. This can vary from 15 mtrs to 65 mtrs
 - Each river bed / nallah is being excavated to a depth of 2.5 mtrs to 3 mtrs.

Water Resource Revival Project

- The Result:
 - Total excavation: 400,000 cubic metres
 - Total storage capacity created: 40 crore litres
 - Total percolation capacity: Over 100 crore litres
- The direct and indirect beneficiaries:
 - 25+ villages in the areas around these sites
 - 150,000+ villagers

If the monsoons are proper this year, then the amount of water that will percolate into the soil will solve the water problems of these areas for at least one year.

BHOKARDAN TALUKA



Village Shipora Bazaar

Before



After



Total Length:	1500 metres
Average Width:	15 metres
Average depth:	2 metres
No. of DOHS:	20





Village Kolhapur

Before



After



Total Length: 500 metres

Average Width: 24 metres

Average depth: 3 metres

No. of DOHS: 1



POST – RAIN SCENARIO

S H I P O R A B A Z A A R



K O L H A P U R





Village Bhokardan

Before



After



Total Length:	1500 metres
Average Width:	21 metres
Average depth:	2 metres
No. of DOHS:	4



Village Paradh

Before



After



Total Length:	2250 metres
Average Width:	24 metres
Average depth:	3 metres
No. of DOHS:	15





Village Kolegaon

Before



After



Total Length:	1500 metres
Average Width:	10 metres
Average depth:	2.5 metres
No. of DOHS:	15



Village Malegaon

Before



After



Total Length: 1500 metres

Average Width: 7 metres

Average depth: 2 metres

No. of DOHS: 25





Village Pimpalgaon Renukai

Before



After



Total Length:	2700 metres
Average Width:	12 metres
Average Depth:	2.5 metres
No. of DOHS:	35



BHOKARDAN PHULAMBRI



Village Wanegaon

Before



After



Total Length:	750 metres
Average Width:	65 metres
Average depth:	3 metres
No. of DOHS:	12





Village Daregaon Dari

Before



After



Total Length:	190 metres
Average Width:	8 metres
Average depth:	2.5 metres
No. of DOHS:	2



Manmodi

Before



After



Total Length:	760 metres
Average Width:	8 metres
Average depth:	2.5 metres
No. of DOHS:	11





THANK YOU

