

Farm ponds can act as an agent of soil transformation in the country. Justify with examples

Farm ponds are definite shape area dug out to store water. It has proper inlet and outlet with an overflow. availability farm ponds could be life saver.

### Agents of soil transformation

In India 50% of the net sown area (140 million hectares) is irrigated. The farm ponds can increase the sown area significantly.

The Dharwad region in Karnataka has benefited significantly by using farm ponds. The farmers reported improved water availability 74%, 88% increase in the irrigated land and 89% increase

in land use efficiency. It will also help to reduce the demand of fertilisers and pesticides.

Support is being provided by NGOs to raise awareness and financial support is given by banks and Nabard. The farmers of Dharwad saw increase in profits by 74% during 2011 and 15% of farmers doubled their incomes.

Despite farm ponds help increase crop intensification, shift from mono cropping to multi cropping and saving water.

States such as Maharashtra has given Jalyukt Shibir Abyan and Dharwad model can be extrapolated nationally to achieve the goal of doubling farmers income by 2022.