

The water quality data will be uploaded on the monitoring platform through a specially designed app for the purpose. The EKWMA will collate the data and share an overview with the bheri operators on a periodic basis.

4.2 Sustainable Agriculture and Horticulture Development

4.2.1 Promoting rain water harvesting

Rainwater harvesting can lead to a better utilization of the agricultural land by sustainable intensification and diversification of crops. Several farms have ponds that have become derelict owing to silt deposition.

The management plan shall support desiltation and renovation of the farm ponds with a proper engineering layout up to 1m depth, so that rain water can be utilized in cultivation of low-irrigation rabi crops such as chilli, watermelon, cucurbits, mung bean etc.

4.2.2 Diversification of cropping pattern

4.2.2.1 Agriculture

On a demonstration basis, the management plan will support crop diversification in agriculture farms so as to retain agricultural productivity and enhance economic returns to the farmers. Upto 100 farmers will be provided support for cultivation of latest varieties of mung bean, chili and other suitable crops in rabi season.

4.2.2.2 Horticulture

On a demonstration basis, up to 100 horticulture farmers will be provided training in:

- a) Cultivation of fruit crops such as Guava, Ber (Kul) and Sapota (clusters around Bhangor I and II are suited)
- b) Cultivation of high-value vegetables such as green and yellow capsicum and ornamental cabbage
- c) Floriculture (Jasmine, Marigold and Sunflower)
- d) Medicinal plants (Holy Basil, Ghritokumari and others)

Farmers will be provided training for each of these techniques, and the cost of inputs as well as marketing support will be provided, with support of Krishi Vigyan Kendra and Extension Units of Agriculture Department. Identification of beneficiaries will be done by CAG.

4.3 Community infrastructure

4.3.1 Community Health camps

Health camps for wetlands communities will be run in collaboration with the Department of Health and Family Welfare to address the health hazards.

4.3.2 Safe drinking water

Arsenic filters would be provided to the wetland communities to reduce the risk of contracting water borne diseases.