

RAIN WATER HARVESTING PITS



Rain water harvesting simply means collecting water during the rainy season for future use.

Rain water harvesting has been in existence since time immemorial in various parts of India where the summer months were harsh and the rainy seasons were short and the rainfall insufficient.

Having a rain water harvesting pit can do wonders to the overall development of the farm. One of the main advantages is to use the water as an alternate source of irrigation, not just that when water flows into these pits it brings along with it all the top soil in its path depositing it in these pits. This has two uses:

1. The deposited top soil is so rich in nutrients that it is recycled for making healthy pot mixture and not take from the main fields.
2. This rain water helps in maintaining the ground water tables.

At **Ishana farms**, we adopt two kinds of rain water harvesting techniques:

1. Pits measuring 3ft x 4 ft are dug at several points where the land is undulated. These pits collect water when rains comes and the earth soaks it up naturally. Our trees do not have to be watered for about 4 months.
2. A large pond 10ft x 7 ft - Collection of rain water as in storage for a later date. The base is lined with thin layer of cement and clay lining so that water retains and also serves as a duck pond.