

Demonstration of Water Harvesting Based Integrated Vertical Farming System (IFS)

(एकीकृत फसल आधारित कृषि प्रणाली (IFS) के आधार पर जल संचयन का प्रदर्शन)



Prepared By

Dr. S.K. Chandniha, M.Tech, PhD (IIT Roorkee), PostDoc (DST-SERB, MoWR)

Assistant Professor/ Scientist

(Soil and Water Engineering)

BRSM College of Agricultural Engineering and Technology

& Research Station, Mungeli, Pin-495334, Chhattisgarh

Indira Gandhi Krishi Vishwavidyalaya, Raipur

(Government of Chhattisgarh)

Mob:+91-8791310024

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Main Components of IFS Project (IFS प्रोजेक्ट के मुख्य घटक)

Agriculture (कृषि)

- Gram (चना)
- Vegetables (सब्जियां)
- Fruit Orchard (फल का बाग)
- Cereal Crops (अनाज की फसलें), Field Crop (खेत की फसल)
- Feed/ Fodder Crop (चारे की फसल)

Water (पानी)

- Rainfall (वर्षा)
- Ground Water (भूजल)
- Farm Pond Water (खेत का तालाब)

Animal Husbandry (पशुपालन)

- Cattle (पशु)
- Rabbit (खरगोश)
- Poultry (मुर्गी पालन)
- Duck (बत्तख)
- Goat (बकरा)

Azolla Cultivation (एजोला की खेती)

- Azolla Culture (एजोला कल्चर)
- Soil (मिट्टी)
- Cow Dung (गाय का गोबर)
- Poly Sheet (पाली शीट)
- Cover with Sun light (धूप से ढकना)

Animal Shed (पशु शेड)

- Cowshed (गोशाला)
- Poultry House (मुर्गी पालन की जगह)
- Vertical Farming Structure (वर्टिकल फार्मिंग स्ट्रक्चर)
- Bio-Gas Plant (बायोगैस संयंत्र)
- Vermicompost (वर्मिकम्पोस्ट), Nadep Compost (नाडिप कम्पोस्ट)

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Animal Shed under Water Harvesting based IFS project



Inside View of Animal Shed under Water Harvesting based IFS project



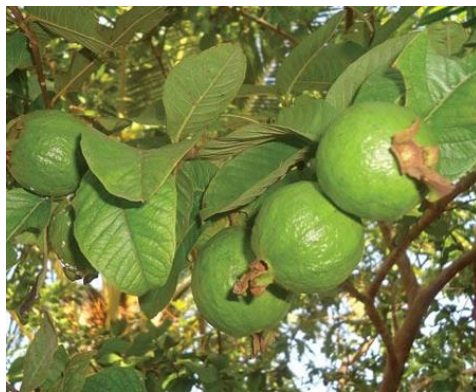
Inside View of Animal Shed under Water Harvesting based IFS project



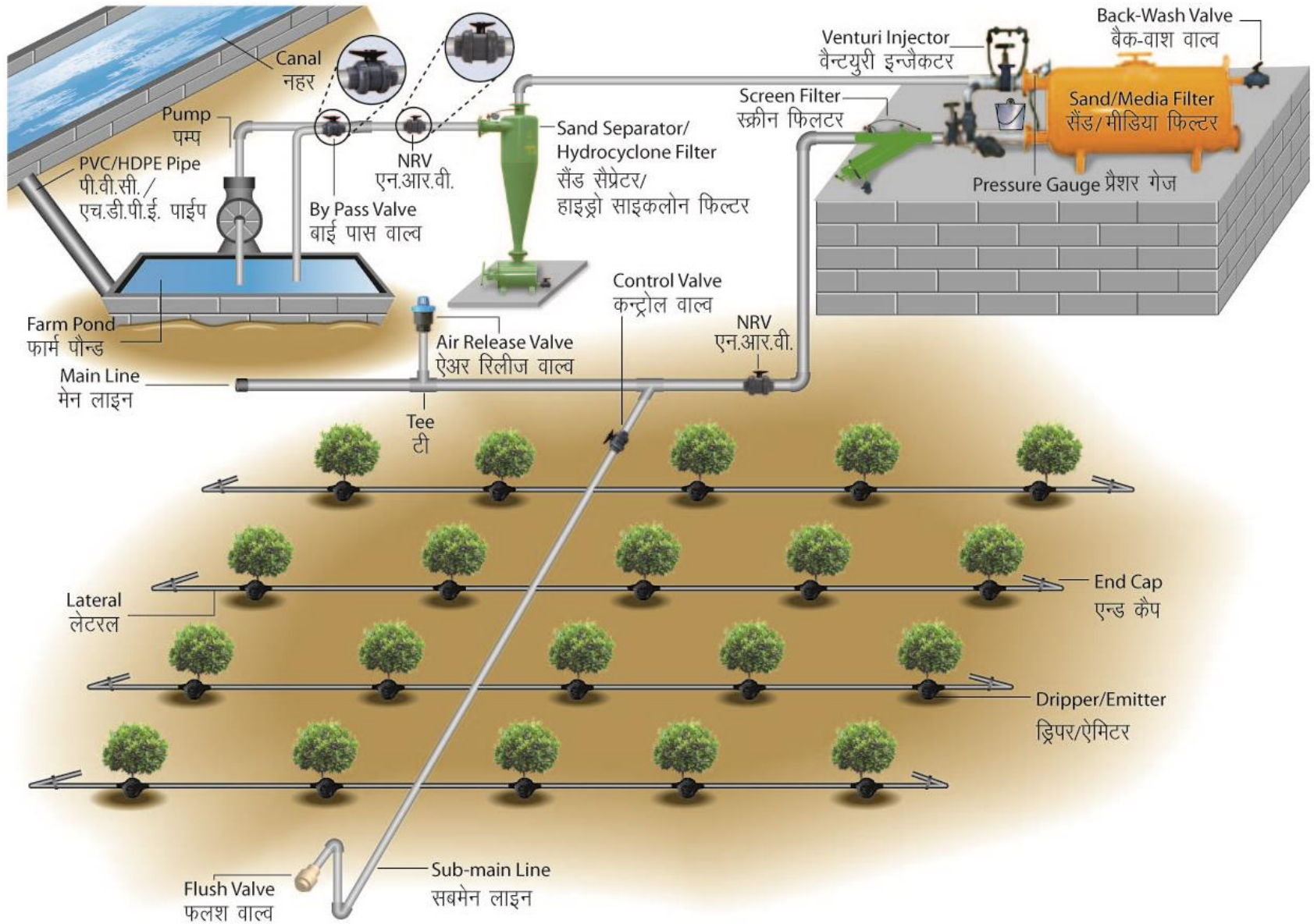
Food Storage Room for Existing Animals under IFS project



Major Crops Suggested under Water Harvesting based IFS project

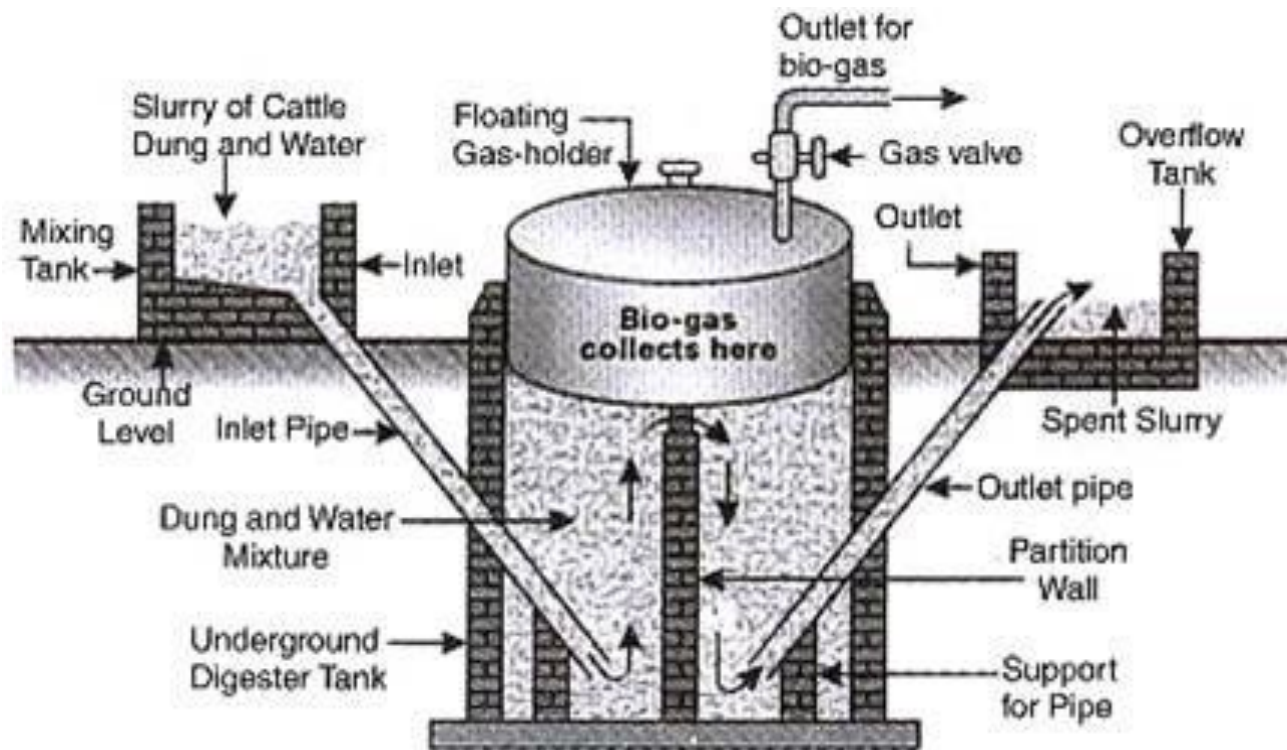


Major Crops Suggested under Water Harvesting based IFS project

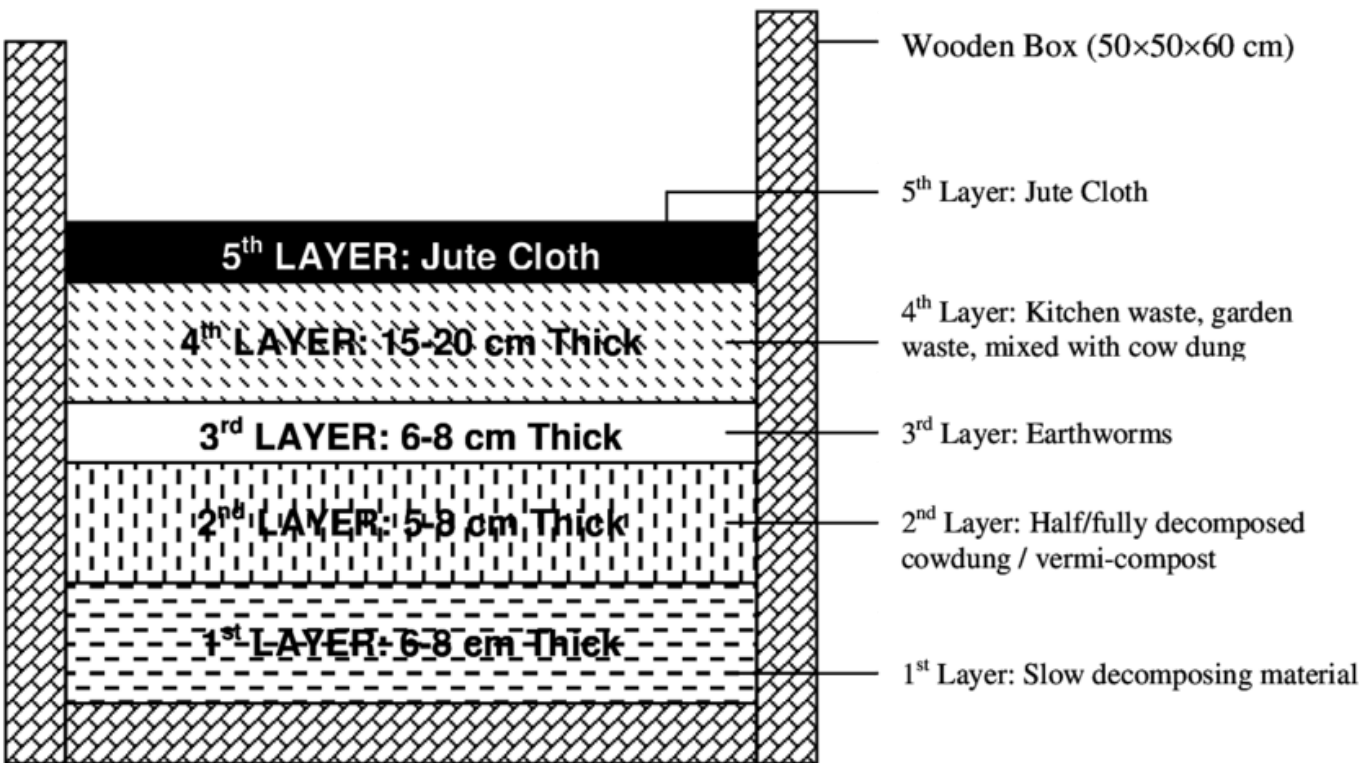


Layout of Drip Irrigation System (ड्रिप सिंचाई पद्धति का रेखाचित्र)

Bio-Gas Plant under Water Harvesting based IFS project



Vermicompost under Water Harvesting based IFS project





Thanking You...