Self Assisted :

1. RDA-demonstration Farm

2, Centre for Irrigation and Water Management (CIWM)

2

Self Assisted

RDA Demonstration Farm

RDA-demonstration farm is 76.0 acres of which 70.1 acres under action research. Currently, the farm has 8 individual production Units:

1. **Crop unit**
2. **Dairy unit**
3. **Poultry unit**
4. **Fisheries unit**
5. **Horticulture & nursery unit**
6. **Irrigation and Farm Power Machinery;**
7. **Tissue culture and hydrophonic unit; and**
8. **Food processing, preservation & marketing unit**

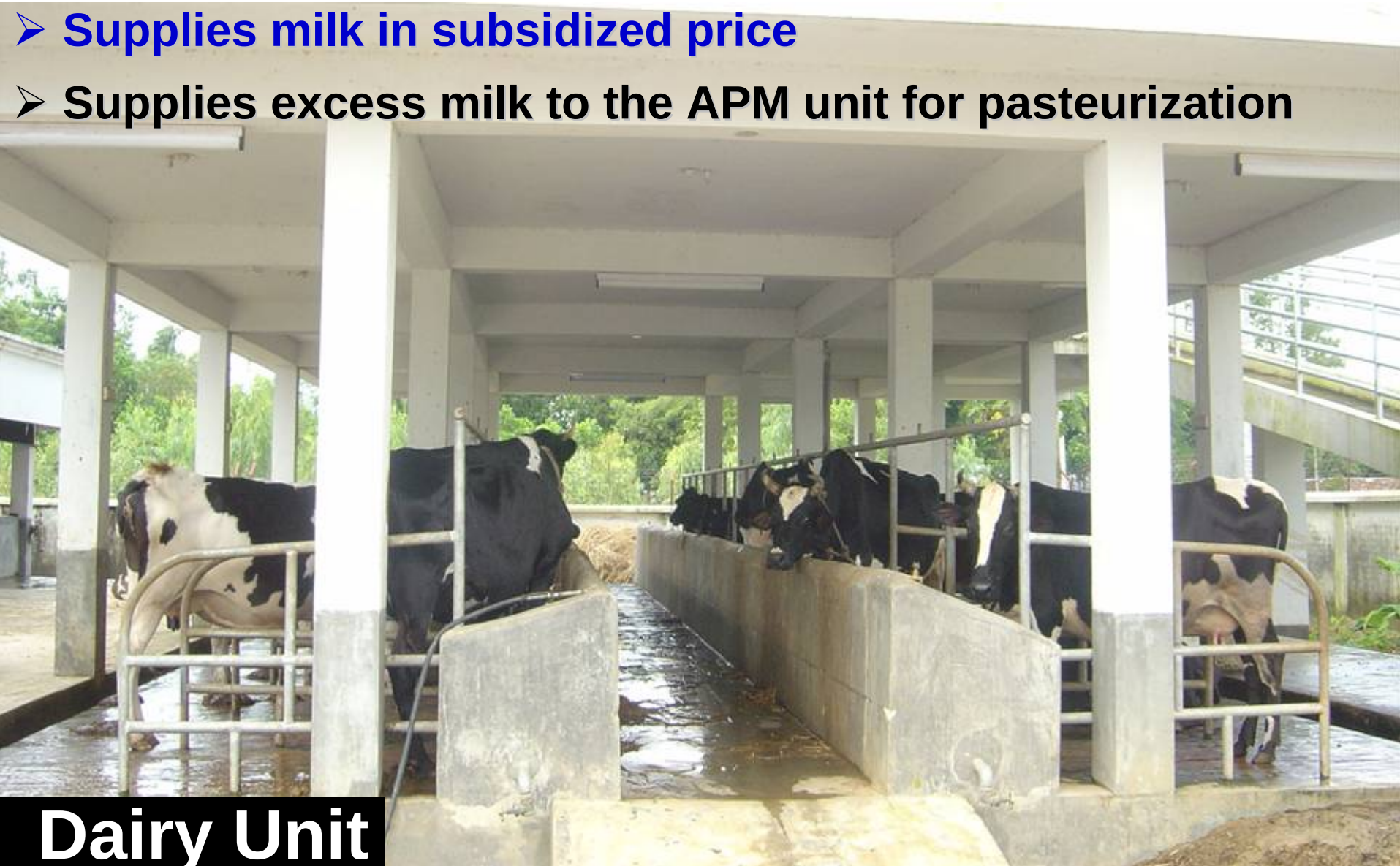
Self Assisted

- The unit is used as a training ground
- It produce seed of various crops as a contract grower for BADC
- The unit has a goodwill as the best quality seed producer

Crop Unit

Self Assisted

- The unit is used as a training ground
- Supplies milk in subsidized price
- Supplies excess milk to the APM unit for pasteurization



Dairy Unit

Self Assisted

- The unit is used as a training ground
- Supplies eggs in a subsidized price

Poultry Unit

- **The unit produces quality fish fry which has huge demand.**

Self Assisted

Fisheries Unit

- Saplings are produced during training period
- These saplings are the asset of this unit
- The unit makes profit out of marketing those saplings

Nursery Unit

Self Assisted

Nursery Unit

Irrigation and Agricultural Equipment Unit

Self Assisted-1

It helps mechanization of RDA farm

Income Comes from

- ✓ It provides support in various farming activities.
- ✓ Supplies Bio-gas to 26 flats
- ✓ Produce organic manure, brand as 'PALLI JOIBO SAR'

Irrigation and Farm Power Machinery Unit

In RDA demonstration farm this unit has been setup as an activities related to agricultural production, processing and marketing of product. Under Expansion and Modernization of RDA Demonstration Farm Project, Some agricultural machinery and equipments like Tractor, Power tiller, Reaper, Sprinkler and Drip Irrigation equipments have been procured for better agricultural mechanization.

Food Processing, Preservation & Marketing Unit

Self Assisted-1

Value Addition of Farm Products.

- ✓ Milk chilling and pasteurization.
- ✓ Preservation of farm products
- ✓ Vegetable processing
- ✓ Preservation of fish and meat
- ✓ Sales centre

Self Assisted-1

Food Processing, Preservation & Marketing Unit

Self Assisted-1

RDA Biotechnology Laboratory Unit

The total production of TC-based seed potatoes in the year 2008-09 was 11,590 kg, 2009-10 was 33,328 kg and 2010-11 was 50,020 kg.

Growth chamber

Subculture room

Demonstration Farm based Action Research

Many Private organizations are interested to conduct joint action research work in RDA, demonstration farm due to its on going activities, Training, research facility and exposure. According to (PPP) RDA, Bogra has signed MoU with-

- ACI (Ltd), Lal Teer Seeds (Ltd);
- Innovision Private (Ltd);
- Ferdous Biotech (Ltd);
- Fosol Agro (Ltd) and Limra Private (Ltd.) .

To conduct joint action research in the field of Hybrid seed production, Plant Tissue culture, Biotechnology and Agricultural product marketing.

Self Assisted

Centre for Irrigation and Water Management

C
I
W
M

Self Assisted- (CIWM)

Remarkable On-going Activities-1

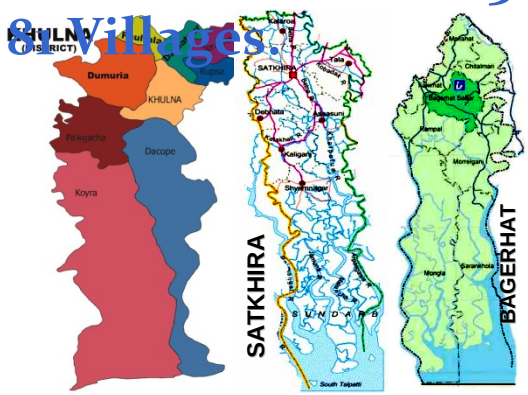
- **5 MGD Water Treatment Plant at BSCIC Tannery Estate, Savar Dhaka (Project Cost Tk. 2462.84 lakh).**

Replication of RDA-developed Rural Safe Water Supply Model

Main Objectives

Under the financial assistance of AusAID, HYSAWA Fund has been provided finance to RDA to *explore out the more dependable source of domestic water supply* in 81 UPs within Khulna, Bagerhat and Satkhira districts where scarcity of pure drinking water is prevailed due to presence of Salinity and Arsenic.

In the 2nd phase sweet water supply through rural piped water under 3 districts of 81 UPs at 8 Villages.



Funded:

AUS-AID/HYSAWA and LG&RDCD

Remarkable On-going Activities-3

- **Bora Pukuria Tharmal Powar Plant Area (Project Cost Tk. 131.63 lakh).**

RDA-model irrigation and domestic water supply at 4 villages (Uttar Sherpur, Daxmin Sherpur, Dodhipur and Modha Rambhadrapur, Fulbari, Dinajpur)

RDA-Credit Program

- RDA-credit is running in 98 sub-project area under CIWM
- Total Tk. 1145.55 Lakh as seed capital has been realised which was distributed among 2912.16 beneficiaries as revolving fund.
- Recovery rate 94.76 %
- RDA-credit provided 127 employment directly and 16417 Beneficiaries self employment indirectly in productive sector.
- Now CIWM shifting project to program approach.

Establishment of RDA's "Seed and Biotechnology Centre"

The TC-Lab of RDA has recently been re-designated as the "Seed and Biotechnology Centre" with distinct purpose and objective. The Centre will be strengthened with manpower and other laboratory and field facilities.

As recommended in a Seminar held at RDA on 31 March 2011, it is envisaged That the "Seed and Biotechnology Centre" will perform a co-ordinating role for overall development of the private TC-Labs of the country and will undertake a program for capacity building of the private TC-Labs involved in production of potato plantlets and seed potatoes.

Objectives of the Centre

- To exploit tissue culture technology for commercial breeder potato seed production;
- To disseminate ; the plant biotechnology among the Private and Public sectors;
- To build up institutional linkage with different national and International organizations with in the country or outside the country;
- To develop capacity building of the RDA Faculty Members and also staff in country training or overseas

Objectives of the Centre

- To conduct seminar/ workshop about success and dissemination of the technology;
- To conduct training on Seed Potato Production and Plant Tissue Culture Technology for Private and Public sectors people or organizations;
- To conduct research on varietal development of potato, banana, zinger, turmeric, orchids, zerbara etc. for commercial exploitation of the farmers;
- To enhance food production through development of disease free seed with high profitability.