

# Horticulture Research Center (HRC)

## Joydebpur Gazipur

### Activities:

#### Vegetable Division

The activities of vegetable division is the improvement of vegetable crops through planning and execution of basic, applied and adaptive research which will in turn help in the alleviation of malnutrition, employment generation and will contribute to the national economy.

The activities are:

- Development of improved vegetable varieties (OP and F<sub>1</sub>) for high yield and nutritional quality.
- Abiotic stress tolerant variety development (draught, salt, heat etc.)
- Development of protective cultivation for off season and year round quality production
- Organic and safe vegetable production technology
- Development of resistant varieties against major pest and diseases
- Development of appropriate nutrient management package
- Standardization of vegetable propagation methods
- Quality vegetable production through hydroponics and rooftop vegetable
- Development of quality seed production package
- Transfer of technologies to the GO/NGO workers and end users.

#### Fruit Division

- Design and implement research activities fruit crops
- Development of new fruit varieties
- Develop new technologies regarding propagation of fruit crops
- Develop new technologies on cultural management of fruit crops
- Develop new technologies regarding urban agriculture and agroforestry
- Collection, evolution and gonsurvation of fruit germplasm
- Engage in technology transfer activities
- Evaluation of different germplasm to release as variety
- Analysis data and present reports in review workshop and seminar
- Visit farmer's field problem and give solution
- Training the farmers, Agril. Extension officers, BADC/NGO's personnel
- Plan the budget/activities of GOB/International funding project
- Carryout some administrative tasks as assigned by authority
- Supervision on MS/PhD student of different Agricultural Universities
- Supervision of staff and farm labourers
- Procurement of equipment/research commodity
- section in charge in absence of Head of the section

## **Flower Division**

- Development of variety and integrated production technology of flowers
- Dissemination of variety and production technologies of flower to end users
- Increase quality planting material
- Disease and pest management practices
- Development of protective cultivation
- Reduction of post harvest losses
- Standardization of mass propagation technique
- Strengthening national and international linkage with flower based organization

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