

# **21<sup>st</sup> Rice Research Extension Workshop**

## **BRRI-DAE 19-20 September, 2006**

### **Draft Recommendations**

#### **Varietal Development:**

1. Breeding programme should be strengthened to develop submergence tolerant rice varieties for flood-prone areas.

#### **Implementing agency: BRRI**

#### **Seed Production and utilization:**

1. Quality seeds (pure and healthy) increase rice yield by 10-12%. Farmers should be motivated about the judicious use of quality seeds of rice for higher yield of both inbred and hybrid rice through the extension service providers. Media campaign (including T.V, radio news paper) and demonstration programme should be undertaken to promote the use of quality seeds.

#### **Implementing agency: DAE**

2. Seeds produced by the seed producing farmers of DAE, (who may be treated as contract growers), should be sold to the seed producing organizations and dealers. Quantity of seeds should be ensured and this work should be coordinated by the DAE.

#### **Implementing agency: Private Sector/Dealers, MoA (Seed Wing)**

3. Seed sold/marketed (Truthfully labeled seeds) by BADC should be with proper certification.

#### **Implementing agency: MoA and BADC**

4. The concerned agencies should be more particular in the breeder seeds production and certification.

#### **Implementing agency: GRSD and SCA**

5. Program should be undertaken to produce hybrid rice seeds under farmers' condition.

Implementing agency: BARI/DAE/BADC/NGOs (seed producing and importing agency).

#### **Pest Management**

1. In the IPM programme, rice disease management is an integral component. Pathologists and economists should, therefore, be included in this programme.

**Implementing agency: DAE, BRRI (Pathology, Economics)**

### **Technology Transfer**

1. Since timely installation of irrigation infrastructure is a precondition for adoption of the Drum Seeder technology. The DTW managers should be trained up and motivated to promote the technology. At the same time government policy about irrigation facility should be formulated.

**Implementing agency: DAE/GOB-MoA**

### **Farm mechanization**

1. Dissemination of farm machinery (reaping, threshing, weeding and cleaning) should be strengthened all over Bangladesh.

**Implementing agency: DAE/BRRI**

**Implementing agency: DAE**

2. A survey on the status on-farm use of machinery should be conducted to make a database, which could be included in the Statistical Year Book.

**Implementing agency: DAE/BRRI**

### **Socio-Economics**

BRRI developed MVs are not adopted equally all over the regions of the country, which may be because of some sociological problems. These sociological issues have so far not been identified to get proper solution. In order to get feed back from the rice farmers, sociologists should intensively study and identify the related issue/problems.

**Implementing agency: BRRI-Agril. Economics Division.**

### **Policy**

1. (a) It has been observed that farmers can not transplant Boro rice in time due to delay starting of pumps. Therefore, farmers are bound to plant aged seedlings. This is a big social constraint resulting in larger yield gap. Concerned authority should take necessary action to formulate a water use action this regard.  
(b) At the time pump owners should be motivated for higher yield.
2. Purchase of agricultural machinery should be emphasized in the government subsidy programe.

**Implementing agency: MoA**