

জাতীয় বীজ বোর্ডের কারিগরি কমিটির চতুর্থ/৪র্থ সভার কার্যবিবরণী

Proceedings of the 4th meeting of the Technical Committee held on 11-9-81 at 3.30 P.M under the Chairmanship of Dr. Kazi M. Badruddoza, Executive Vice-Chairman, Bangladesh Agriculture Research Council and Chairman of the Technical Committee in his chamber.

Members present:

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| 1. Dr. M. Kashem Ali
Director, Jute seed Division
Bangladesh Jute Research Institute. | Member |
| 2. Mr. A. Hashem
General Manager (Field)
Bangladesh Agriculture Development Corporation. | Member |
| 3. Mr. Md. Alam
Manager, Programming, Field Wing
Bangladesh Agriculture Development Corporation. | Observer |
| 4. Mr. Nazmul Huda
Manager, Seed Processing,
Bangladesh Agriculture Development Corporation. | Observer |
| 5. Mr. Md. Abu Isa
Quality Control Officer
Seed Certification Agency | Observer |
| 6. Mr. M.A. Quddus
Principal Seed Certification Officer
Seed Certification Agency | Member-Secretary |

Agendum-I : Confirmation of the minutes of the last meeting of the technical Committee held on 4-7-81.

The Chairman opening the discussion, confirmed that all the actions on the decision of the 3rd meeting of the Technical Committee have been taken care of.

Agendum-II : Approval of Seed and Field Standards of different crops.

Standards of different crops, fixed by an Internal Technical Committee (Seed) were discussed in the last two meetings. All the standards of different crops were circulated to the members of the National Seed Board, the members of the Technical Committee, and to the Heads of the concerned divisions of BARI, Atomic Energy Commission and Agri-Versity, Mymensingh, for their views and comments. Subsequently, most of the concerned organizations in their respective memo expressed their views with affirmative, except General Manager (Field), BADC. The comments of the General Manager (Field), BADC were therefore, thoroughly discussed by the members present and ultimately, a decision was arrived at and the standards of different crops were accepted in principle with slight modifications in the Seed Standards of paddy, wheat and jute.

Decision : Seed and Field Standards of different crops, worked out by the internal Committee is accepted with slight modification, in the Seed Standards of paddy, wheat and jute as shown in appendix-A.

Agendum-III : Modification of the Evaluation Team formed by the National Seed Board.

The members present expressed their dissatisfaction to frequent pre-occupation of some of the members of the Team and felt that the Team should be reorganised for its better functioning in future. The Chairman suggested that there should be at least 3 members from each of the concerned organization instead of one with a leader in each organization. The organization intending to release a variety would inform the Team leader of the Evaluation Team, Mr. Alauddin siddique, Asstt. Director (Extension), Directorate of Agriculture (E&M), with a

copy to the leader of the member-organisations for Evaluation purpose. In case job inability, the leader of the member-organizations might sent any member from the panel of other members to perform Evaluation work on his behalf. The Member-Secretary then proposed that plant breeders might be included in the Evaluation Team. The Chairman and other members agreed with the proposal.

The members also felt that there should be framers' representative/s in the Evaluation Team whose services can be utilized during Evaluation to know the farmer's reaction for a particular crop variety to be released. The Member-Secretary also disclosed that this issue of inclusion of farmers' representative in the Evaluation Team was discussed in the last (14th) meeting of the National Seed Board. However, the members pointed that the farmers' representative/s should be selected from amongst the contract growers of BADC, and the General Manager (Field), BADC will send a list of contract growers zone-wise, taking one member from each zone, to the Member-Secretary for the purpose.

Decisions :

- 1) The Member-Secretary will collect names of 3 persons with a leader from each organization. He will also collect names of plant breeder/s from the concerned organizations.
- 2) A zone-wise list of contract growers, one member from each zone will be sent to the Member-Secretary, Technical Committee by the General Manager (Field), BADC.

After receiving the names of all members, the Member-Secretary will circulate those to all concerned.

Agendum- IV : Development of Seed Programme in Private Seeds.

This agendum could not be discussed in the meeting due to shortage of time. The Chairman suggested that this item could be taken in the next meeting.

The meeting ended with vote of thanks.

Approved :

Sd/-

(Kazi M. Badruddoza)

Executive Vice-Chairman

Bangladesh Agriculture Research Council

and

Chairman, Technical Committee

Sd/-

(M.A. Quddus)

Principal Seed Certification Officer

Seed Certification Agency

and

Member-Secretary

Technical Committee

Seed Standard of Breeder, Foundation and Certified seed of Paddy, Wheat and Jute approved by the Technical Committee.

Sl No	Factor	Paddy			Wheat			Jute			Remarks
		Breeder	Foundation	Certified	Breeder	Foundation	Certified	Breeder	Foundation	Certified	
1	Pure seed (Minimum) a) Infested Seed (Maximum)	99.0% 0.0	96.0% 0.5%	94.0% 0.5%	99.0% 0.0	96.0% 0.2%	94.0% 0.2	99.0% 0.0	98.0% 0.2%	96.0% 0.2%	
2	Inert Matter (Maximum)	1.0%	3.0%	4.0%	1.0%	2.0%	3.0%	1.0%	1.0%	3.0%	
3	Other Seeds (Max:) a) Weed Seed Max	00.0 (00.0)	1.0% (8/kg.)	2.0% (10/kg)	00.0 (00.0)	2.0% (8/kg.)	3.0% (10/kg)	00.0 (00.0)	1.0% (20/kg)	1.0% (0.1%)	
4	Germination (Minimum)	80.00%	80.00%	80.00%	90.00%	80.00%	80.00%	80.00%	80.00%	80.00%	
5	Moisture content Max	12.0%	12.0%	12.0%	12.0%	12.0%	12.0%	8.0%	10.0%	10.0%	

APPENDIX-A (Continued)

Field Standard of paddy, wheat and jute approved by the Technical Committee.

Sl. No.	Factor	Paddy		Wheat		Jute		Remarks
		Foundation	Certified	Foundation	Certified	Foundation	Certified	
1	Isolation	3 yards	3 yards	3 yards	3 yards	60 yards	3 yards	
2	Other Varieties/ Off types	0.08%	0.8%	0.1%	0.5%	0.5%	1.00%	
3	Other Crops	0.1%	0.5%	0.5%	0.1%	-	-	
4	Objectionable weeds	0.01%	0.02%	0.03%	0.05%	-	-	
5	Plants affected by seed born disease	0.1%	0.5%	0.25%	0.5%	1.0%	3.0%	

APPENDIX-A (continued)

Seed Standard of Breeder, Foundation and Certified Seeds of Sunflower and Soybean approved by the Technical Committee.

Sl. No	Factor	Sunflower			Soybean			Remarks
		Breeder	Foundation	Certified	Breeder	Foundation	Certified	
1	Pure Seed (Min)	98.00%	96.00%	94.00%	98.00%	98.00%	94.00%	
2	Inert Matter (Max)	1.00%	2.00%	4.00%	1.00%	2.00%	4.00%	
3	Other Seed (Max)	1.00%	2.00%	2.00%	1.00%	2.00%	2.00%	
4	Germination (Min)	85.00%	82.00%	80.00%	85.00%	83.00%	80.00%	
5	Moisture (Max)	9.00%	10.00%	10.00%	9.00%	10.00%	10.00%	

Field and Seed Standard of Potato approved by the Technical Committee.**Field Standard****A. General Requirements :**

i) Isolation : A minimum allowable isolation distance of seed potato plot should be 100 feet from degenerate and local potato plot and 50 feet from other solanaceous crops.

Specific Requirements :

i) A crop of seed Potato shall conform to the following requirements at the stage mentioned against each.

Sl. No	Factor	Stage	Maximum Permitted	Remarks
1	Off types/Other Varieties	-	0.2%	
2	Leaf roll Virus	1 st Inspection 2 nd Inspection	5.0% 2.0%	
3	Mosaic Virus	1 st Inspection 2 nd Inspection	2.0% 1.0%	
4	Late blight, bacterial ring rot and wart	-	Not allowed	
5	Other disease	-	2.0%	

Potato Tuber Standard

1. Seed potato tuber injured, cut, bruised or otherwise affected having secondary growth are not acceptable.

2. Varietal mixture in tubers should not exceed 0.2 percent.

3. The following 3 grades of potato seed are acceptable.

a) Potato tubers having diameter from 28 mm to 35 mm will be marked as grade-I

b) Potato tubers having diameter from 35 mm to 45 mm will be marked as Grade-II.

c) Potato tubers having diameter from 45 mm to 55 mm will be marked as Grade-III.

N.B. : Any problem arising out of observing standards may be reviewed time to time and suggest change if any.

Germination standards of vegetable seeds approved by the Technical Committee.

Sl. No.	Name of vegetable crops	Germination percentage	Remarks
1	Radish, garden pea, French bean, country bean, Barbate.	70	
2	Lettuce, Tomato, Onion, Watermelon, Jhinga, Bottle Gourd, Pumpkin, Wax Gourd, Cucumber, Muskmelon, Amaranths (Lalsak and data), Kang Kong, Chilies, Brinjal.	60	
3	Cauliflower, okra	65	
4	Palong-sak	-	
5	Sweet corn	75	