

Proceedings of the Annual Breeder Seed Review Meeting held on March 7th, 2014 at Rajasthan Agricultural Research Institute (RARI), Durgapura, Jaipur

Dr. S.K. Datta, DDG (CS), ICAR chaired the Annual Breeder Seed Review Meeting held at RARI, Durgapura, Jaipur. In his opening remarks, he emphasized the need of quality seed production and the reasons for short fall of production, if any. He called for in-depth critical analysis of the reasons thereof and also mapping the performance of released varieties on the basis of their performance. He suggested science driven variety development, keeping in view, incorporating stress tolerance and/or farmers' preference. He suggested analyzing the reasons for acceptance or rejection of released varieties and stressed the need for replacing the older ones. Dr. Atanu Purkayastha, JS (Seeds), DAC, GOI and Co-Chairman of the meeting also echoed the similar suggestions emphasizing for labeling of varieties and shortage of Breeder seed of high yielding varieties especially in maize hybrid, jowar hybrid, moongbean, urdbean, cowpea, mothbean, pigeonpea, soybean and fodder crops. He also suggested developing MoUs between indenting and production agencies to infuse the element of accountability on the part of both the parties. He also suggested to constitute a committee to critically analyse the performance of varieties in the seed chain and suggested de-notification of old varieties substituting them with recently released varieties. Dr. N.S. Rathore (Vice-Chancellor, SKNAU, Jobner and Guest of honour) presented a scenario of SKNAU and also highlighted the importance of breeder seed and subsequent enhancement of production in the country. He also asked for strengthening of State Agricultural Universities (SAUs).

After the opening remarks, during the technical session, in-depth deliberations were undertaken for the various issues like (i) mismatch in seed production vis-à-vis indent in certain crops as well as varieties within a specific crop, (ii) non-lifting of breeder seeds, (iii) quality of breeder seed and its timely availability and (iv) replacing older varieties with recently released varieties. The following action plan emerged after the deliberations for effective breeder seed production, its monitoring so that quality seed could be made available to farmers with affordable prices:

- i. A Committee consisting of ADG (Seed), ICAR, CMD (NSC), MD (Maharashtra State Seed Corporation Ltd.), Project Director (DSR, Mau), MD(Uttar Pradesh Seeds Development Corporation Ltd.) and representative from National Seed Association of India (NSAI), DAC and concerned PCs/PDs should prepare a detailed report on the performance of varieties in the seed chain. The committee should also develop a suitable proforma for advance payment for the indented breeder seed and concerned production centre should be informed about the advance payment. The payment should be made preferably within 30 days of indent appearing on the DAC website.

(Action: ADG (Seed), JS (Seeds) and PD, DSR (Mau))

- ii. Re-casting of Annual Breeder Seed Review Meeting (ABSRM) to half-yearly meetings preferably in November and May, matching with the allocation of breeder seed for the kharif and rabi seasons

as well as the cropping season. The seed review meetings should be organized regionally so that critical analysis of various issues for the region can be made.

(Action: ADG (Seed), JS (Seeds) and PD, DSR (Mau))

iii. To address the issue of non-lifting of Breeder Seed, MoU should be developed between indenter and producer of the Breeder Seed. Both the parties should include a clause of right to refusal if prescribed advance payment is not made or breeder seed is not produced/ supplied / sub-standard quality.

(Action: JS (Seeds), Concerned SAUs, NSAI, NSC, SFCI)

iv. The Breeder Seed supplying institute should also provide package of practices for breeder seed production of particular variety while supplying the breeder seed to the indenter.

(Action: Concerned Directors/PDs/PCs, Concerned SAUs and PD, DSR (Mau))

v. Work out the cost of breeder seed production of each crop and accordingly the price of breeder seed should be fixed in future.

(Action: Directors/PDs/PCs and PD, DSR (Mau))

vi. The de-notification process of old varieties should be accelerated. If necessary, re-notification of exceptionally performing widely adopted and accepted varieties should be taken up.

(Action: Concerned SAUs, State Departments of Agriculture, PDs/PCs)

vii. A list of 10 top leading varieties/ hybrids of each crop on the basis of area, yield, performance as well as indent (quantity) of breeder seed should be prepared critically analyzing the reasons for their state-wide or nation-wide acceptance.

(Action: JS (Seeds), PDs/PCs and PD, DSR (Mau))

viii. It was again reiterated that time line for breeder seed production, processing, packaging, making availability to indenter, submission of production report in accepted proforma to DAC should be strictly adhered to. The breeder seed producing organizations/ agencies should also clearly provide breeder seed tag with proper signature of the breeder having logo of the organization on the tag, if available.

(Action: Concerned Directors/PDs/PCs, SAUs and PD, DSR (Mau))

ix. Pricing of the breeder seed of various crops for the year 2014-15 was also discussed at length and the proposed sale rates as finalized have been given in Annexure –I.

(Action: ADG (Seed), JS (Seeds) and PD, DSR (Mau))

The meeting ended with a vote of thanks to the Chairman, Co-Chairman and other participants.

Annexure – I

Uniform Sale Price of Breeder Seed for 2014-15

	Breeder Seed Price for 2013-14 (Rs/qtl)	Breeder Seed Price for 2014-15 (Rs/qtl)
A. Cereal Crops		
Paddy		
Coarse	3800	3800
Medium	4000	4100
Basmati	6500	6700
Hybrid		
A Line	19000	20000
B and R Line	3900	4000
Maize		
Inbred lines	14300	14700
Varieties & Composites	3800	4000
Sorghum		
Hybrid		
A Line	14500	14500
B and R Line	10000	10000
Varieties & Composites	6500	6500
Bajra (Pearl Millet)		
Hybrid		
A line	19000	23000
B and R Line	8000	8000
Varieties and composites	8000	8000
Wheat		
Varieties (Bread wheat)	4200	4200
Durum/Dicoccum	4600	4700
Desi Wheat	4600	4700
Barley		
Barley	4100	4100
Malt Barley	4600	4600
Small Millets		
Finger Millet (Ragi)	3500	3600
Foxtail Millet	3000	3000
Kodo Millet	3000	3000
Proso Millet	3000	3000
Little Millet	3000	3000
B. Oilseed Crops		

Groundnut	9000	10000
Soybean	7000	7500
Sesamum	12000	13500
Niger	7000	8000
Mustard		
Hybrid Mustard	7000	
A line	15000	15000
B and R Line	7000	7000
Varieties	7000	7500
Toria	7000	7000
Taramira	7000	7000
Linseed	4600	4600
Sunflower		
Hybrid		
A Line	30000	31000
B and R Line	15000	15000
Varieties	9000	9000
Castor		
Hybrid		
A Line	30000	30000
B and R Line	11000	11000
Varieties	8400	8500
Safflower		
Hybrid		
A Line	12600	12600
B and R Line	5500	5500
Varieties	5500	5500
C. Pulse Crops		
Moong	12000	12000
Urd (Black gram)	12000	12000
Arhar (Pigeonpea)		
Hybrid		
A Line	13000	13000
B and R Line	9000	9000
Varieties	11000	11000
Cowpea	7500	7500
Gram (Kabuli)	11000	11000
Gram (Desi)	8000	8000
Lentil	8500	8500
Peas	5500	5600
Moth	8000	8500
Rajmash	8000	8000
Horsegram	4000	4000

D. Fibre Crops		
Jute	12500	12700
Sunhemp	3500	6000
Mesta	6000	6000
Cotton		
Hybrid :		
Female Parent	53000	55000
Male Parent	53000	55000
Varieties	15000	15000
<i>G. hirsutam</i>	16500	17000
<i>G. barbadens</i>	20000	22000
Hybrid:		
A Line	60000	60000
R and B Line	60000	60000
E. Forage Crops		
Guar	14500	12000
Teosinite	2500	2500
Lucerne	30000	31000
Berseem	26000	26000
Oat	4200	4200
Cowpea	7500	7500
Maize	4000	4000
Jowar	8000	Single Cut : 8000 Multi Cut : 12000
Bajra	7500	7500
Dhaincha	5000	5000