

## PROCEEDINGS OF BLACK PEPPER BREEDING MEETING

Director chaired the meeting at ATIC Hall, 11 am on 25. 2. 06 and the following scientists attended.

1. Mr. B. Krishnamoorthy
2. Dr. M. Anandaraj
3. Dr. Devasahayam
4. Dr. K. Nirmal Babu
5. Dr. B. Sasikumar
6. Dr. T. John Zachariah
7. Dr. Sathosh. J. Eapan
8. Dr. (Ms) T. E. Sheeja
9. Dr. K. S. Krishnamurthy
10. Dr. K. V. Saji
11. Dr. R. R. Nair

The proceedings of the last meeting and the actions taken on it were discussed. This was followed by presentations of individual subproject leaders.

First, Dr. B. Sasikumar presented the progress of the work. It is suggested to increase the no. of crosses involving Subhakara and the high caryophyllene lines so as to have a minimum of 150 F<sub>1</sub> plants.

Quantification of caryophyllene in the male parents selected need to be done  
(Action: B S/ TJZ)

This was followed by the presentation of Dr. K. Nirmal Babu.

It is suggested that instead of 4 classes of categorization of the disease reaction, the possibility of grouping the plants based on infection into 3 classes may be considered  
(Action: K N B/ M A)

Mr. K. V. Saji then presented the progress of the work in 'Breeding black pepper for resistance against insects.' Dr. (Ms.) T. E. Sheeja gave an account of the progress of the subproject 'Breeding for drought resistance'.

Dr. S. J. Eapan's presentation followed these presentations. It is suggested to test the nematode resistant lines (HP- 39 & C 820) at different locations  
(Action: S J E/ J K G)

The last presentation was of Dr. R. R. Nair on Polyploidy breeding in black pepper

It is suggested to give the berries of the tetraploid black pepper line for quality analysis and the cuttings of this line for testing the disease reaction  
(Action: R R N/ T J Z/ M A)

General Decisions

Director expressed happiness in the progress of the work.

It is suggested to produce more bush pepper of Subhakara for use as mother bushes  
(Action: K V S)

It is also suggested to plant all the promising lines (male parents) on jack standards at Chelavoor campus.

(Action: Farm section/ K.V.S)

**Director's remark:**

In place of Dr. M. Anandaraj, PC (Spices), a plant pathologist may be nominated to work in the project (Action: HD Crop Protection)

*SB*

(B. Sasikumar)  
3. March. 2006

*to CIB for kind n.a.*

*SB*  
*6/3/06*

*Dr. Sankhosh J. Saper Pl. do needful*  
*SB*  
*6/3/06*

*Display on LAN*  
*SB*  
*06/03/06*