

Proceedings of the meeting of scientists for Black pepper breeding

Director chaired the meeting at ATIC Hall, 12 noon on 5.11.05 and the following scientists attended.

1. Mr.B. Krishnamoorthy
2. Dr.B. Chembakam
3. Dr.S. Devasahayam
4. Dr. T. John Zacharia
5. Dr. Santhosh J. Eapan
6. Dr. T. Johnson K George
7. Dr. K. Nirmal Babu
8. Dr.T.E. Sheeja
9. Dr. J. Rema
10. Dr. B. Sasikumar
11. Dr.K.V. Saji

Dr. Sasi
O.K.
21/11

Dr. K. Nirmal Babu first presented the progress of the work 'Breeding for foot rot resistance in black pepper'. The segregation ratio presented for the disease screening traits such as stem and leaf lesion length, need a relook. It is suggested to appropriate the population into two classes and look for a ratio with a good fitness. In addition to leaf & stem lesion indices, root lesion also need to be studied once adequate planting materials are generated.

In all crosses 'Subhakara' should be used as female parent. Wherever 'Subhakara' is used as male parent, population of the reciprocal cross must be made (Action; KNB/MA)

Dr. Johnson K. George presented the work on 'Breeding for Nematode resistance' The nematode tolerant line C-820 is to be multiplied in large numbers. More crosses of this line with 'Subhakara' are to be made. C- 820 may be sent for germplasm registration (Action; JGK/SJE)

Mr. K. V. Saji presented the work on pollubettle resistance breeding The pollubettle tolerant cultivars also need to be registered (Action:KVS/SD) The progress of work on 'Breeding for high caryophyllene black pepper' was presented by Dr.B. Sasikumar. The high caryophyllene accessions also need to be registered (Action:BS/TJZ) The drought tolerant cultivars also need to be sent for registration (Action TES/KSK) (Dr.T.E. Sheeja presented the progress of work in Breeding for drought tolerance.)

General

In the earlier proceeding it is mentioned as 'Sreekara' instead of Subhakara. That was due to oversight and it is 'Subhakara', ISSR will be the molecular marker for finger printing the accessions.

Dr. Santhosh J. Eapan

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Siv,
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25/11/05

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