



**Proceedings of the Eleventh Meeting  
of the Crops and Soils Wing of the  
Board of Agriculture and Animal  
Husbandry in India**

***Held at Simla  
from the 14th to the 20th June, 195***



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## INTRODUCTORY

The eleventh meeting of the Crops and Soils Wing of the Board Agriculture and Animal Husbandry in India was held at Simla from the 14th to the 20th June, 1956 under the Chairmanship of Shri M. S. Randhawa, I.C.S., Vice-President, I.C.A.R. After the welcome speech by Shri M. S. Randhawa, I.C.S., V. P., I.C.A.R., Shri Ajit Prasad Jain, Minister for Food and Agriculture, Govt. of India inaugurated the session. On the first day the wing constituted itself into nine separate Committees, one for each subject on the agenda, to frame appropriate recommendations for the consideration of the Plenary Session of the wing. The Plenary Session considered the recommendation of the various Committees and passed a number of resolutions. The meeting then terminated on the afternoon of the 20th June, 1956.

**AGENDA OF THE 11TH MEETING OF THE CROPS & SOILS  
WING HELD IN JUNE 1956**

- (1) Use of Atomic energy in Agriculture.
- (2) Role of organic manures and chemical fertilisers in crop production and maintenance of soil fertility.
- (3) Utility of rapid soil tests for evaluating soil productivity and the use of fertilisers.
- (4) A review of methods of reclamation of saline and alkaline soils with special reference to—
  - (a) agronomic practices,
  - (b) soil amendments,
  - (c) afforestation, and
  - (d) crop rotation.
- (5) Value of 'shelter belts' and 'wind breaks'—
  - (a) in soil conservation and
  - (b) in reducing losses in fruit cultivation.
- (6) (a) Water requirements of important fruit crops, and  
(b) Different systems of irrigating fruit crops with a view to economising on the use of irrigation water.
- (7) The rationals of the policy of large scale multiplication of seedlings from open-pollinated, heterozygous seed parents in perennial crops, and the possibility of establishing nucleus plantations with appropriate combinations by way of selected male and female plants away from all possible contamination from foreign pollen for the production of elite seed.
- (8) Plant viruses with special reference to their nature, methods of transmission, the diseases they cause and methods of control.
- (9) Exploitation of Hybrid vigour in improvement of crop plants, fruits and vegetables.

LIST OF THE MEMBERS AND VISITORS WHO ATTENDED THE  
ELEVENTH MEETING OF THE CROPS AND SOILS WING OF THE  
BOARD OF AGRICULTURE AND ANIMAL HUSBANDRY IN  
INDIA HELD AT SIMLA FROM THE 14TH TO THE 20TH JUNE,  
1956

1. Shri B. S. Randhawa, (*Chairman*).
2. Dr. B. N. Uppal.
3. Dr. B. P. Pal.
4. Shri S. K. Mirchandani, (*Secretary*).
5. Shri Boshi Sen
6. Dr. R. S. Vasudeva.
7. Dr. S. P. Raychaudhuri.
8. Dr. E. S. Narayanan.
9. Shri P. P. I. Vaidyanathan.
10. Shri E. A. R. Banerjee.
11. Dr. S. Solomon.
12. Shri B. N. Sinha.
13. Dr. Pushkarnath.
14. Dr. B. L. Sethi.
15. Pt. K. N. Agha.
16. Shri P. J. Gregory.
17. Shri M. Kanthi Raj.
18. Shri K. B. Lal.
19. Shri K. C. Kaith.
20. Shri T. C. Kala.
21. Shri A. M. Thomas.
22. Dr. R. K. Tandon.
23. Shri G. U. Rao.
24. Dr. B. C. Kundu.
25. Dr. B. B. Roy.
26. Mr. H. Ferguson.
27. Dr. A. Mariakulandai.
28. Shri S. K. Swamy.
29. Shri S. Basheshar Singh.
30. Shri Ragottam Reddy.
31. Shri. C. Gopalan.
32. Shri. A. K. Mallik.
33. Shri S. Satwant Singh.
34. Shri D. M. K. Reddy.
35. Shri Bishan Man Singh
36. Shri Ambika Saran Singh.
37. Shri C. K. Ashdir.

38. Shri M. C. Joshi.
39. Shri Sukh Raj Sablok.
40. Shri A. D. Desai.
41. Dr. B. N. Sahu.
42. Dr. S. D. Nijhawan.
43. Shri Balsingh Bajwa.
44. Shri D. V. Krishna Rao.
45. Shri B. P. Tiwari.
46. Shri J. L. Merh.
47. Shri B. Bhimasena Rao.
48. Dr. P. S. Parsai.
49. Shri P. M. Tamboli.

*Visitors.*

1. Prof. David V. Ter-Avanesyan.
2. Mr. E. Chermey Sher.
3. Dr. R. V. Tamhane.
4. Dr. N. P. Datta.
5. Shri A. R. Thapar.
6. Sardar Santokh Singh.
7. Shri R. B. Deshpande.
8. Shri M. J. E. Pritchard.
9. Shri Mokand Lal.

*Officers of the Council.*

1. Shri M. U. S. Jung.
2. Shri P. M. N. Naidu.
3. Shri G. R. Seth.
4. Dr. Sham Singh.
5. Dr. J. A. Daji.
6. Dr. Uttamchand.
7. Dr. A. R. Sen.
8. Shri P. M. Dabadghao.
9. Shri P. L. Malhotra.