**GENESIS**

In order to delineate the micronutrient deficient areas and to alleviate the nutrient deficiencies, the ICAR initiated the “All India Coordinated Research Project on Micronutrients in Soils and Plants” in 1987 with the National Headquarter at the PAU, Ludhiana. The project was started with six Coordinating centres located at Lucknow, Hisar, Jabalpur, Paia, Anand and Coimbatore. Later Ludhiana and Hyderabad centres were also created in 1973.

To ensure correct diagnosis of deficiency in crops, proper delineation of micronutrient deficient areas and development of suitable amelioration practices in soils and plants, the scheme was renamed later as "All India Coordinated Research Project on Micronutrient in Soils and Plants.”

**TECHNICAL PROGRAMME**

1. Delineation and reassessment of micro- and secondary nutrient deficient areas and updating soil fertility maps

2. Nutrient indexing in areas of intensive agriculture under different cropping systems and management practices

3. Refinement of critical values of micro and secondary nutrients in soils and plants and standardization of soil test methods

4. Amelioration of micro and secondary nutrients deficiency in crops

5. Screening of crop genotypes for micronutrient efficiency

6. Study on secondary and micronutrient in soil-plant-animal-human continuum

7. Monitoring of heavy metal toxicity in relation to soil-plant-animal-human continuum

8. Basic studies

9. Frontline demonstrations (FLDs) on effective technologies

**DELINEATION PROGRAMME**

**AERs-wise maps of India**

1. Delineation and reassessment of micro- and secondary nutrient deficient areas and updating soil fertility maps

2. Nutrient indexing in areas of intensive agriculture under different cropping systems and management practices

3. Refinement of critical values of micro and secondary nutrients in soils and plants and standardization of soil test methods

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7. Monitoring of heavy metal toxicity in relation to soil-plant-animal-human continuum

8. Basic studies

9. Frontline demonstrations (FLDs) on effective technologies

**COOPERATING CENTRES**

1. CCS Haryana Agricultural University, Hisar – 125 004
2. Rajendra Agricultural University, Paia – 540 125
3. Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu – 641 003
4. Anand Agricultural University, Anand – 388 116
5. Lucknow University, Lucknow – 226007
6. Jawaharlal Nehru Krishi Vishwa Vidyalaya, Mathura – 281 004
7. Punjab Agricultural University, Ludhiana, Punjab – 141 001
8. Acharya N. G. Ranga Agricultural University, Hyderabad, Telangana – 500 020
9. Karnataka gt University of Agriculture & Technology, Professor, Udhagamandalam – 623 145
10. Dr. Pulapaka Desteeshkriki Vidyagiri University, Anand, Maharashtra – 444 104
11. Sardar Vallabhbhai National Agriculture University, Shadnagar – 500 050
12. CSIR-Central Institute of Post Harves Technology, Palampur, Himachal Pradesh – 176 022
13. Central Agricultural University, Ranchi, Jharkhand – 835 205
14. Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal – 741 322
15. IARI, New Delhi, N.C. 10 – 110 012
17. Central Agricultural University, Patiala, Punjab – 152 001
18. University of Agricultural Sciences, Bengaluru, Karnataka – 560 065
19. Karnal Agricultural University, Karnal, Haryana – 132 001

**CATALOGUE OF DEFICIENCY**

**SOIL PLANT-ANIMAL-HUMAN CONTINUUM**

**TRANSFER OF TECHNOLOGY**

**CAPACITY BUILDING**

**AWARDS AND RECOGNITIONS**

**GENESIS**

**TECHNICAL PROGRAMME**

**DELINEATION PROGRAMME**

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