



REPORT
ON
CURRENT EVALUATION
OF
THE APPLIED NUTRITION
PROGRAMME
1964-65

PROGRAMME EVALUATION ORGANISATION
PLANNING COMMISSION
GOVERNMENT OF INDIA

MAY 1965

PREFACE

The Applied Nutrition Programme represents a bold attempt at helping people, especially in the vulnerable groups, to improve their level and consciousness of nutrition. Initiated in Orissa in 1959 under the name of Expanded Nutrition Programme, it was later taken up in Andhra Pradesh and Uttar Pradesh. Madras followed in 1962, by which time the programme had assumed its present name. By 1965-66, the programme is expected to be in operation in all the States and Territories of India. The importance of the programme from the point of view of its goals as well as its recent and projected expansion, led the Ministry of Community Development and Cooperation in 1964 to request the Programme Evaluation Organization to undertake a quick evaluation. The International agencies—UNICEF, FAO and WHO—, cooperating in this programme, have also been very keen on its evaluation, especially as India has made pioneering efforts for implementing such a programme. Accordingly, late in 1964, the Programme Evaluation Organization undertook a quick evaluation of the working of this programme in Andhra, Madras, Orissa and U.P.

With the deadline of reporting set for May 1965, no elaborate field survey could be undertaken. What was planned, in consultation with these agencies, was a "current evaluation" with the main focus on the planning, administration and extension aspects of the programme. There was also a general feeling that the operation of the programme has been too short for the effect on dietary habits and preferences to be visible enough for an impact study. The method of observation and discussion has been followed by the officers of this Organization for reporting on the administrative and operational aspects of the programme. Whatever progress data are available have also been analysed. These have been supplemented by some of the findings of surveys initiated earlier by the evaluation agencies of the Governments of Andhra Pradesh, Orissa and U.P.

In presenting the report on this current evaluation, it may be mentioned that it should be taken as the initial report in a series of continuing evaluation studies of this programme. No attempt has been made in this report to indulge in any end-evaluation; for the programme is still in its initial phase

(ii)

in most States. Applied Nutrition is a running programme with long range goals in a new and difficult area of extension, and needs to be watched and studied over a long period. The issues raised and suggestions offered in this report are intended to help in the development of this programme and will, it is hoped, receive due consideration.

The cooperation and assistance received from the State Governments of Andhra Pradesh, Madras, Orissa and Uttar Pradesh and their evaluation agencies in the conduct of this study are thankfully acknowledged.

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NEW DELHI;

May, 1965.

Director,

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APPENDIX TABLES

TABLE—A

Statement showing the list of equipment released to the four States

Equipment	Andhra	Madras	Orissa	U.P.
1	2	3	4	5
1. Vehicles	4	..	4	11
2. Bicycle	50	..	42	..
3. Water Pump . . . . .	..	..	20	..
4. Soil and water analysis kits	13	9	2	3
5. Oxygen cylinders	50	84	..	..
6. Nylon twine (lbs.)	7,600	5,000	..	..
7. Nylon nets :				
Drag (i) Drag nets . . . . .	..	171	720	32
(ii) Cast nets . . . . .	..	..	..	..
(iii) Gill nets . . . . .	..	562	..	60
8. Induced breeding equipment	1	1	..	1
9. Air Conditioner . . . . .	..	..	2	..
10. Portable Ice Plant	1	..	1	1
11. Velon Net (Yds.)	600	200	200	200
12. Out-Board Motor . . . . .	..	..	..	1
13. Marine Diesel . . . . .	..	..	..	..
14. Field Test Kits	200	..	..	..
15. Total value (in Dollars)	47,594.40	17,963.89	60,230.58	56,362.87

TABLE—B

Statement showing amount of UNICEF assistance admissible to each Mahila Mandal and Yuvak Mandal for developing economic and other activities in A.N.P. Blocks and conditions of eligibility therefor.

A. Mahila Mandals	<p><i>General Condition :</i> For receiving the grant, it will be a condition that each Mahila Mandal has or is provided by the panchayat or some one else in the village, with a suitable room where the Mahila Mandal could meet from time to time and store various articles of equipment provided under the scheme.</p>
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Equipment	Amount admissible to meet the cost	Conditions
	Rs.	
One Sewing Machine per Mahila Mandal.	190.00	The Mandal should have some facilities of help from a woman worker who can handle the machine and train the Mahila Mandal members to do so. Where a Mahila Mandal has already got a machine the grant will be admissible to other Mandals.
Handlooms of two kinds	50.00	There should be some one in the village who can handle the looms and teach the members weaving. The need for the finished articles to be used by the members, or marketed should be kept in view.
Soap-making kits, cold method	50.00	The programmes should be worked out in consultation with the Industries Department, particularly with reference to the availability of raw material.
Simple hand-operated food preservation equipment, not for canning purposes.	80.00	The availability of raw material should be taken into account before starting the programme.
Petromax light and Durri (carpet) where these are not available in the Mandal.	130.00	As under the general condition above. Where the Mandal has these articles already, the grant will be admissible to other Mandals.
Equipment for cooking and distributing food.	100.00	This part of the grant would be available where milk feeding or programme of balanced diet is introduced.
Children's recreation equipment	100.00	This part of the grant would be available when a Balwadi has been attached to the Mahila Mandals.
Total	700.00	
B. Yuvak Mandals		<i>General Condition</i> . The Yuvak Mandal should have a common meeting place, either in the school building or in the Panchayat Ghar or elsewhere. It should also have adequate facilities for storage of the equipment.
Towards construction of poultry house.	250.00	The Yuvak Mandal should adopt a economic programme of poultry and secure the necessary funds for the purpose and feeding of chicks.
or		
Equipment including net for fishery programme.	250.00	The Yuvak Mandal should have been allotted a half to one acre pond by the panchayat for developing pisciculture.
Equipment for vegetable and fruit cultivation including implements, seeds, fertilisers, etc.	150.00	The Yuvak Mandal should develop group project for vegetable and fruit cultivation on common land made available to it.
Petromax lamps and Durri (carpet) (where these are not available in the Mandals).	100.00	As under general condition.
Total	500.00	

TABLE—C

Statement showing the staffing pattern of the envisaged functions of the Nutrition Divisions in the four States.

Name of State	Staffing pattern	Functions of the Nutrition Division
1	2	3
Andhra Pradesh	1. Asstt. Director of Public Health (Nutrition) (MBBS., D.P.H.)	1. Diet and Nutrition surveys in rural areas. 1
	2. Regional Nutrition Health Officers	2. Nutrition Health surveys of Primary School children. 4
	3. Asstt. Biochemist	3. Ameliorative measures. 1
	4. Laboratory Asstts.	4. State-Central Nutrition Laboratory service. 3
	5. Laboratory Attendants	5. Nutrition Health Education through extension methods. 2
	6. Health Inspectors	6. Nutrition Health service under Expanded Nutrition Programme. 10
	7. Research Chemist	7. Legislative Health service. 1
	8. Chemical Assistant	1
	9. Superintendent-cum-Statistical Clerk	1
	10. Extension and Nutrition Officer	1
	11. Upper Division Clerks	2
	12. Lower Division Clerks	4
	13. Typists	2
	14. Drivers	5
	15. Peons	10
	16. Social Worker-cum-Clerk	1
	17. Cook-cum-Cleaners	5
Madras	1. Asstt. Director of Public Health (Nutrition) (MBBS., BSc.)	1. Field Investigation or dietary patterns and nutritional condition on a regional and occupational basis at different levels in urban and semi-urban areas. 1
	2. Nutrition Officer	2. Studies of the diets of institutions, with a view to detect losses of nutrients by unscientific cooking process. 1

1	2	3	
	3. Nutrition Health Inspectors .	4	3. Concurrent nutrition surveys of sample groups for assessment of clinical manifestations of malnutrition and under-nutrition.
	4. Chemical Assistant .	1	4. Institution of ameliorative measures as may be required by distribution of diet supplements.
	5. Laboratory Technician .	1	5. Educative campaigns for correction and fortification of cereal diets with cheap millets, green leafy vegetables and other protective food.
	6. Laboratory Assistants .	3	6. In service training in nutrition of Health Workers (Health Visitors and Health Inspectors etc.) voluntary health service.
	7. Laboratory Attendants .	2	7. Analysis of foodstuffs and food.
	8. Statistical Asstt. . .	1	8. UNICEF skim milk feeding programme.
	9. Van Drivers . . .	2	9. School lunch programme.
	10. Cook-cum-Cleaners .	2	
	11. Lascar	1	
	12. Peons	5	
Orissa	1. State Nutrition Officer .	1	Not available.
	2. Nutrition Medical Officers .	3	
	3. Lady Nutritionist . . .	1	
	4. Graduated Lab. Asstt. . .	1	
	5. Computer	1	
	6. Sanitary Inspectors . . .	3	
	7. Drivers	3	
	8. Head Clerk	1	
	9. Junior Clerk	1	
	10. Peons	5	
	11. Sweepers	3	
Uttar Pradesh	<i>Staff for Provincial Hygiene Institute, U.P., Lucknow.</i>		Not available.
	1. Nutrition Survey Officer .	1	
	2. Nutrition Chemists . . .	2	
	3. Laboratory Assistants . .	2	

1	2	3
4. Office Assistants	. . .	3
5. Stenographer	. . .	1
6. Class IV servants	. . .	4
<i>Staff for Expanded Nutrition Programme.</i>		
1. Medical Officer in charge Expanded Nutrition Programme.	1
2. Lady Social Workers	. . .	2
3. Office Strength	. . .	1
4. Drivers	2
5. Class IV servants	. . .	3
<i>Staff for Applied Nutrition Programme.</i>		
1. Medical Officers	. . .	2
2. Dietician	1
3. Class IV servants	. . .	2

List of P.E.O. Publications

- 1.* Group Dynamics in a North Indian Village (1954).
- 2.* Evaluation Report on First Years' Working of Community Projects (May, 1956).
- 3.* Community Projects—First Reactions (August, 1954).
4. Training of Village Leaders in Bhopal (September, 1954).
5. Cotton Extension in P.E.P.S.U.—A case study (1955).
- 6.* Evaluation Report on Second Years' Working of Community Projects (Vols. I & II) (April 1955).
7. Evaluation Report on Second Years' Working of Community Projects (Summary) (April, 1955).
- 8.* Training of Village Artisans in Bihar (May, 1955).
9. Leadership and Groups in a South Indian Village (June, 1955).
10. Evaluation Report on Working of Community Projects and N.E.S. Blocks (April, 1956).
11. Evaluation Report on Working of Community Projects and N.E.S. Blocks (April, 1956—Summary).
- 12.* Bench Mark Survey Report—Batala (Punjab) (February, 1956).
- 13.* Bench Mark Survey Report—Bhadrak (Orissa) (1956).
- 14.* Three Years of Community Projects (August, 1956).
15. Study of Village Artisans (August, 1956).
- 16.* Bench Mark Survey Report—Kolhapur (Bombay) (July, 1956).
- 17.* Bench Mark Survey Report—Morsi (Madhya Pradesh) (Nov., 1956).
- 18.* Studies in Cooperative Farming (December, 1957).
19. Fourth Evaluation Report on Working of Community Projects and N.E.S. Blocks—Vol. I: (includes studies on, 1. Achievements and Problems of the Community Development Programme, 2. Some Aspects of the Community Development Programme) (April, 1957).
- 20.* Fourth Evaluation Report on Working of Community Projects and N.E.S. Blocks—Vol. II: includes studies on, 1. Some Aspects of Social change, 2. Enquiry into coverage by Project Programme (May, 1957).
21. Bench Mark Survey Reports—Malavalli (Mysore) and Chalakudy (Kerala) (July, 1957).
22. Bench Mark Survey Reports—Banswada (Andhra), Samalkot (Andhra), and Erode (Madras) Blocks (July, 1957).
- 23.* Bench Mark Survey Reports—Pusa (Bihar), Mohd. Bazar (W. Bengal) and Arunachal (Assam) Blocks (July, 1957).
- 24.* Bench Mark Survey Reports—Pounta (Himachal Pradesh), Bhadson (Punjab) and Bhathat (Uttar Pradesh), Blocks (Oct. 1957).

*Out of Stock.

25. Bench Mark Survey Reports—Munavadar (Bombay) Nowgong (Madhya Pradesh) and Rajpur (Madhya Pradesh) Blocks (October 1957).
26. Fifth Evaluation Report on Working of Community Development and N.E.S. Blocks: includes studies on 1. Current Evaluation study, 2. Acceptance of Practices, 3. Study of Panchayats, 4. Block Records (May, 1958).
27. Fifth Evaluation Report on Working of Community Development and N.E.S. Blocks—Summary and Conclusions (May, 1958).
28. A Study of Panchayats (May, 1958).
29. Evaluation Report on the Working of the Welfare Extension Projects of the Central Social Welfare Board (April, 1959).
30. Evaluation Report on the Working of the Large and Small Sized Cooperative Societies (April, 1959).
31. The Sixth Evaluation Report on Working of Community Development and N.E.S. Blocks: includes studies on 1. Planning Process, 2. Cottage Industries, 3. Social Education, 4. Study of Co-operatives—Large and Small (June, 1959).
32. The Seventh Evaluation Report on C.D. & Some Allied Fields (1960): includes studies on 1. Current Evaluation Study of 18 selected blocks, 2. Evaluation of the 1958-59 Rabi Crop Campaign in selected areas in Punjab, Rajasthan and Uttar Pradesh, 3. Case Studies—Panchayats and Co-operatives, 4. Some Aspects of Rural Unemployment (1960).
33. Evaluation of 1958-59 Rabi Crop Campaign in Punjab, Rajasthan and Uttar Pradesh (1960).
34. Some Successful Panchayats—Case Studies (1960).
35. Some Successful Cooperatives—Case Studies (1960).
36. A Study of the Lok Karya Kshetras of the Bharat Sevak Samaj (1960).
37. Summary of Evaluation Studies (1960-61) (1961).
38. Evaluation of the Gram Sahayak Programme (1961).
39. Study of the Multiplication and Distribution Programme for Improved Seed (1961).
40. Study of the Problems of Minor Irrigation (1961).
41. Soil Conservation Programme for Agricultural Land (Under print) (1962).
42. Case Studies of the Role of Bullock Carts and Trucks in Rural Transport (1963).
43. Problems of extension of Primary Education in rural areas (1964).
44. Report on current Evaluation of the Applied Nutrition Programme, 1964-65 (May, 1965).