

REPORT

OF THE

FERTILISER DISTRIBUTION ENQUIRY COMMITTEE



सत्यमेव जयते

MINISTRY OF FOOD & AGRICULTURE
(DEPARTMENT OF AGRICULTURE)
GOVERNMENT OF INDIA

1960

1959-60

lisers

tons of fertilisers

FERTILISER DISTRIBUTION ENQUIRY COMMITTEE
(SYMBOL. AGRI 71)

B R R A T A

<i>Page No.</i>	<i>Reference</i>	<i>For</i>	
3	Table—II Results etc.	(1953-59)	(1953-56)
18	<i>Pcol price</i> —2 Departmental charges etc.	1% of C & L	1½% of C. & F.
	—5 Interest etc.	} (b), (2&3) 14, 19,000	(b) & (2 & 3) 14, 91,000
	—6 Incidental etc.per ton		
19	Table VIII—Qty etc. against year 1958-59, Profit/loss Rs.....	} 3, 5, 50,140*	3.50,50,140*
25	Table IX Numbers etc. against Rajasthan under Total No. IX of fertilisers Depots 1959-60		
25	Ware housing Facilities 3rd line	Warehousing	Warehouses.
26	Table X. Prices etc. against Kerala—under colm. 3 (Urea)	} 725(—10)	725(—15)
26	Last line		
35	Foot notes	Existing entries	*Source : efficient use of fertilisers, F.A.O. August, 1949. (The Committee is aware of the controversial nature of the advantages and disadvantages referred to above)
47	Delhi		No administrative charges is retained. (para ends) (Next para) In all the etc.
52	7.20—statement column 2 against Punjab	0.622 cwt. bags	0.62 (2 cwt. bags)
	against Uttar Pradesh	0.6 per maund.	0.06 per md.
57	Table XVIII—against Bombay under opening stock.	1958-59— 1959-60—3,108	1958-59 3,108 1959-60
74	3rd line from top	tons for fertilisers	tons of fertilisers

83	para 8-49, 3rd line	grant of 1½ per cent	grant of 12¼ per cent
84	Table XX. Relative positions under last colm. kilo of rice <i>regd etc.</i> P ₂ O ₅ against—U.K.	1·33	1·35
	against—India	2·85	2·83
90	General. Para (1) last line.	terms of O (1·9 to 1·21, 8·53)	in terms of P ₂ O ₅ (1·19 to 1·21, 8·53)
95	Para (9)	Add at the end after the word rail heads"—	(7·13)
97	Pa-ra (17) End.	(7·40, 8·94, 8·10)	(7·40, 8·9, 8·10)
	Para 20 End.	(8·2, 2·8, 2·3)	(8·22, 8·23)
98	Para (21) End.	(8·7)	(8·17)
101	Appendix I against Sl. No. 14-West Bengal under 1953-54—	248.	Nil
104	Appendix IV	Against from 1-8-53 to 31-12-53	Delete the word <i>su 12</i>
	do.	For 1-1-53 to 18-1-54 and opposite to this for "as above".	1-1-54 to 18-1-54 "Same as above"
105	Appendix IV	<i>Under Nitrophosphate add</i> 1954-55 against (i) and (ii)	
107	Against Madhya Pradesh	Satda	Satna
108	Against Rajasthan	Bundi	Budni
113	(i) Appendix VII against Himachal Pradesh— 1953-54 under July.	16	15
	(ii) Against total Decem- ber, 1953-54	12424	13424
	(iii) Against total Oct., 1954-55.	3554	36504
114	Appendix VIII—under year ending 31st March 1960.	Cal. Sul. nitrate	Am. Sul. nitrate
	„ Against Bombay under 1958—Urea	889	339
	„ Against Kerala under 1960 and total.	1490	1490**
	„ Against Madhya Pra- desh under Total (last column)	2972	29792
	„ Against Punjab—under 1958-Am. Sul. nitrate	985	895

114	Against Punjab—under 1960-Sul. of Am.	13366	11366
115	Against U.P. under 1960—Urea	31	31**
	Against Delhi—under 1960—Urea	13	137**
	Against Manipur—under 1960-Sul. of Amm.	40	40**
	Against Andaman and Nicobar Islands under 1960-Sul. of Amm.	6@	1@
	Urea	1@	6@
	Against Foot Note	***	@
116	<i>Appendix IX</i> Against Madras Against Orissa	Karthikayan Rebitramohan	Karthikeyan Pabitrामohan
117	Against Delhi	Multani Assistant Development Commissioner, Delhi.	Mamtani Assistant Development, Commissioner, Delhi.

D. O. No. 21-2/60-M (FDEC)
GOVERNMENT OF INDIA
MINISTRY OF FOOD & AGRICULTURE
(Department of Agriculture)
Fertiliser Distribution Enquiry Committee
NEW DELHI: August 31, 1960.

Dear Shri Damle,

The report of the Fertiliser Distribution Enquiry Committee, appointed by the Government of India in Department of Agriculture letter No. 20-55/59-M, dated 19th November, 1959 is submitted herewith.

Yours sincerely,

J. S. Patel
(Chairman)

K. C. Chetty
(Member)

Veda P. Sethi
(Member)

C. R. Ranganathan
(Member)

R. H. Engle
(Co-opted Member)

O. P. Sharma
(Secretary)

To

Shri K. R. Damle, I.C.S.,
Secretary to the Government of India,
Ministry of Food & Agriculture,
(Department of Agriculture)
NEW DELHI.

Chairman

DR. J. S. PATEL,
Agricultural Commissioner,
Ministry of Food & Agriculture.

Members

SHRI K. C. CHETTY,
Deputy Secretary,
Ministry of Food & Agriculture.

SHRI VEDA P. SETHI,
Director of Trade,
Ministry of Community Development and Co-operation.

SHRI C. R. RANGANATHAN,
Executive Director,
Fertiliser Association of India,
New Delhi.

Coopted Member

SHRI R. H. ENGLE,
Fertiliser Adviser,
Ministry of Food & Agriculture.

Secretary

SHRI O. P. SHARMA,
Ministry of Food & Agriculture.

CONTENTS

	Page
CHAPTER I <i>Introductory</i>	
(i) Role of fertilisers in agriculture	1
(ii) The growth of fertiliser use	4
(iii) Terms of reference	8
(iv) Acknowledgements	9
CHAPTER II <i>The Central Fertiliser Pool</i>	
(i) Origin of Fertiliser Pool	11
(ii) Price and distribution policies	12
(iii) Superphosphate pool	14
(iv) Balanced fertilisation	15
(v) Role of the pool in the distribution of fertilisers	16
(vi) Role of Central Government in the distribution of phosphatic fertilisers	21
CHAPTER III <i>Distribution Arrangements in the States</i>	
(i) Nitrogenous fertilisers	22
(ii) Phosphatic fertilisers	23
(iii) Potassic fertilisers	23
(iv) Mixtures	23
(v) Duties of fertiliser distributing agents	24
(vi) Distribution depots	24
(vii) Warehousing facilities	25
(viii) Farmers' prices of fertilisers	26
(ix) Credit facilities to farmers	26
CHAPTER IV <i>Fertiliser (Control) Order</i>	29
CHAPTER V <i>Importance of Mixtures</i>	35
CHAPTER VI <i>New Fertilisers</i>	
(i) Complex fertilisers	38
(ii) Liquid fertiliser	39
(iii) Micro-nutrients	41
(iv) Trained personnel	41
CHAPTER VII <i>Distribution Costs</i>	
(i) Administrative charges	44
(ii) Expenses on transport	48
(iii) Cost of handling	51
(iv) Warehousing charges	52
(v) Shortage	53
(vi) Sales-tax]	53
(vii) Interest on investment	55
(viii) Commission to agents	59

(ii)

CHAPTER VIII *Improvements in Distribution*

(i) Assessing of demand	67
(ii) Despatch instructions	68
(iii) Role of Taluk and Primary Societies	68
(iv) Rebate on road transport	69
(v) Differential road transport subsidy	70
(vi) Sales promotion	70
(vii) Fertiliser loans	72
(viii) Warehousing	73
(ix) Tea	76
(x) Bulk purchases	77
(xi) Reliable mixing	77
(xii) Promotion of mixing	78
(xiii) Rebates for mixing	80
(xiv) Pricing of mixtures	82
(xv) Subsidy on phosphates	82
(xvi) Cheaper fertilisers	83
(xvii) Marketing Corporation	86
Summary of Conclusions and Recommendations	90

List of Tables

	PAGE
I Results of fertiliser trials with paddy (1953-56)	2
II Results of fertiliser trials with wheat (1953-56).	3
III Targets of agricultural production for Third Five Year Plan	4
IV Consumption of N fertilisers in tons of ammonium sulphate	6
V Production programme for nitrogenous fertilisers	7
VI Production and consumption of phosphatic fertilisers	7
VII Consumption of potash fertilisers	8
VIII Quantity and value of fertilisers handled by the Central Fertiliser Pool during the years 1951-52 to 1958-59 and profit/loss accrued	19
IX Number of distribution depots in operation in each State	24
X Prices per ton of fertilisers in rupees	26
XI Rates of interest on taccavi loans	27
XII Details of establishment and dealers' licences etc. for fertilisers	30
XIII Dates from which Fertiliser (Control) Order enforced in States and number of samples drawn	31
XIV Fees prescribed for dealers' licence and for registering mixtures	32
XV Average cost of transport of fertilisers in States	49
XVI Cost of handling of fertilisers in States	51
XVII Rate and incidence of sales tax in States	54
XVIII Annual sales of nitrogenous fertilisers in terms of sulphate of ammonia as compared with the opening stocks in tons	57
XIX Statement showing the total railway freight for various fertilisers	75
XX Relative position of prices of wheat, rice and fertiliser N and P ₂ O ₅ in different countries	84
XXI Prices of fertilisers in rupees per metric ton of plant nutrient	85

List of Appendices

	PAGE
I Consumption of nitrogenous fertilisers by States (in tons of nitrogen) .	101
II Consumption of phosphatic fertilisers by States (in tons of P ₂ O ₅)	102
III Consumption of potassic fertilisers by States (in tons of K ₂ O) .	103
IV Pool prices of fertilisers sold through the Central Fertiliser Pool .	104
V List of Central and State Warehouses]	106
VI Distribution charges under various heads as furnished by various State Governments per ton of sulphate of ammonia	110
VII Monthly supplies in tons of sulphate of ammonia from the Central Fertiliser Pool to States during the years when there was no shortage	112
VIII Stocks of fertilisers in States at the end of the year (in tons) .	114
IX List of nominees of the State Governments]	116