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REPORT OF THE  
**INDIAN TARIFF BOARD**

ON THE

CONTINUANCE OF PROTECTION TO THE  
SUGAR INDUSTRY

VOLUME-1

BOMBAY

1950

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PERSONNEL OF THE BOARD

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MR. G. L. MEHTA	..	..	..	President.
DR. H. L. DEY, D. Sc. (Lond.)	..	..	..	Member.
DR. B. V. NARAYANASWAMY NAIDU, M. A., B. Com., Ph. D., Barrister-at-Law.	..	..	..	Member.
MR. R. DORAISWAMY	..	..	..	Secretary.

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GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE

New Delhi, the 6th March 1950.

RESOLUTION

TARIFFS

**No. 33(1)-T.B./50.**—The Government of India have considered the Report of the Indian Tariff Board on the sugar industry. The recommendations therein cover a very wide field. On the more urgent among them, Government have decided after careful consideration to take action as indicated hereafter, Government will examine the other recommendations and announce their decisions thereon, as early as possible.

(i) *The Indian Sugar Syndicate.*—After exhaustively examining the activities of the Syndicate ever since its inception, including the part played by it during the sugar crisis of July-August 1949, the Board has stated:—

“In recent years, the Indian Sugar Syndicate's control over its members has been ineffective. The Syndicate does not appear to have ever tried to improve the efficiency of its members or carry out research in respect of sugarcane and sugar. Nor does it appear to have ever taken any effective steps to prevent its members from charging high premiums for sugar in conditions of scarcity. On the contrary, it has, whenever free from control, abused its monopolistic power, so as to help its members make large gains at the expense of the consumer.”

“Subsequent to decontrol of sugar in December 1947 the Syndicate showed its reluctance to submit itself to control and supervision by the Sugar Commission of the Government of U. P. and Bihar.”

“In its dealings with the Government of U. P. and the Sugar Commissioner regarding the release of sugar quotas in 1949, the Syndicate was far from being straightforward.”

“By its improper policy of quota releases and approaching the Government of India in June, 1949 to negotiate for the export of sugar, the Syndicate created a psychology of scarcity in the country which led to hoarding by merchants and consumers like confectioners.”

It has then reached the following conclusions:—

“The Governments of U. P. and Bihar should rescind clause (a) of Section II of the Sugar Factories Control Acts and the rule made thereunder which requires all factories in the two Provinces to be members of the Syndicate as a condition precedent to their obtaining the annual crushing licence. As to whether or not the Syndicate should continue as a voluntary organisation of some or all of the sugar mills in the two provinces it is considered appropriate and desirable that the matter should be left to be decided by the mills themselves without any interference from Government.”

The Government of India agree with this conclusion and propose to move the U. P. and Bihar Governments in this behalf (ii) *Sugar Crisis*. The Board has stated that the main contributory factors which caused the sugar crisis of July-August 1949 were—

- (a) large and rapid quotas released by the Syndicate; and
- (b) excessive wagon supply.

( ii )

In view of the decision reached with respect to the Syndicate it is not necessary to dilate on the question of these particular quota releases. On the question of excessive wagon supply the Board has recommended "in the public interest this matter should be fully investigated".

The Board has also recommended that "Government should institute an enquiry into the allegation that sugar intended for consumption in India was in fact moved into Eastern and Western Pakistan on an appreciable scale in 1949" and this also possibly contributed to the scarcity.

Government accept these recommendations and necessary action will be taken to implement them.

Further, in the course of the debate on sugar in the Constituent Assembly (Legislative) on 24th December 1949 Government stated that "to the extent the Tariff Board Report on the sugar industry does not cover any aspect of the sugar crisis which occurred during July-August 1949, Government will arrange to have a full enquiry made by a body which thoroughly satisfies the House". The question whether any such further enquiry is necessary regarding the sugar crisis and, if so, what its scope should be is now engaging the attention of Government and a decision thereon will be taken shortly.

(iii) *Protection*.—Recommending withdrawal of protection to the sugar industry, the Board has stated:—

"The difference between the present price of indigenous sugar (Rs. 28-8-0) and the estimated landed Cost (Rs. 22-8-0) being Rs. 6-0-0 per maund, the present duty of Rs. 6-0-0 per maund would give adequate protection to the indigenous sugar industry, if such protection were needed. There is however no danger of any competition from low-priced imports of sugar on an appreciable scale for the next two or three years, because the surplus sugar available for the "free market" is likely to continue to be small and, particularly because, in the context of the present balance of payments position of the country Government are not likely to permit imports of large quantities of sugar. Further, according to our estimate, the fair ex-factory price of indigenous sugar (E 27) can be reduced to Rs. 24-12-0 per maund in 1950-51. We have felt that the continuance of protection for the last 18 years has produced an attitude of complacency on the part of the three parties, namely Government, the industry and the cultivator who are responsible for the efficiency of the industry and that consequently they have not taken sufficient steps to improve the overall efficiency of the industry so as to bring down its cost of production. We, therefore, consider that this is the most suitable opportunity to withdraw the protection without any serious risk to the industry. We accordingly recommend that the protection to the sugar industry should not be continued beyond 31st March, 1950, Government being free thereafter to impose such revenue duty as they consider necessary."

"If there is a change in Government's policy regarding imports of sugar in the near future giving rise to severe competition from foreign imports so as to jeopardise the position of the sugar industry, it will be open to the industry to approach Government for the restoration of protection. And we have no doubt that Government will institute an enquiry to review the position as expeditiously as possible and restore protection to the industry if it is found to be justified."

Government have accepted this recommendation and action is being taken to give effect to it.

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# APPENDICES

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APPENDIX I

[Vide paragraph 1]

GOVERNMENT OF INDIA

MINISTRY OF COMMERCE.

RESOLUTION

TARIFFS

New Delhi, the 1st July, 1949.

No. 33 (4)-T.B./49.—As stated in para. 2 of the Government of India, Ministry of Commerce Resolution No. 33 (1)-T.B./49 dated the 17th June, 1949, Government have decided to have a further fuller enquiry made on the continuance of the existing protection to the Sugar Industry. The enquiry will be undertaken by the Tariff Board.

2. The terms of reference are as follows:—

“Having regard to the importance of sugar as an article of food and the necessity for reducing its price to a reasonably competitive level, to enquire into and report not later than the end of December, 1949 whether the sugar industry will require, and should be granted protection after the end of March 1950 and if so, for what period, to what extent, on what basis and subject to what conditions, such conditions including the rationalisation of cultivation of sugarcane as well as of manufacture of sugar, fixation and control of prices of sugarcane and sugar and other ancillary matters such as the relation between the sugar industry on the one hand and the *gur* and the *khandsari* industries on the other, labour conditions and State assistance to the industry. The question whether any quantitative limit to production should also be imposed should be considered having regard to the necessity or otherwise for national self-sufficiency in this commodity, the advantage arising from having an export market in sugar the effective utilisation of by-products and the industrial and other advantages arising therefrom”.

3. Firms or persons interested in this industry or industries dependent on the use of this article, who desire that their views should be considered by the Tariff Board should address their representations to the Secretary to the Board, Contractor, Building, Nicol Road, Ballard Estate, Bombay.

APPENDIX II.

[ Vide paragraph 5 (a) ]. ]

*List of factories selected for investigation of the cost of production of sugar including the eleven factories actually costed.*

(\*indicates factories whose cost of production of sugar was investigated.  
†indicates factories who replied.)

- †\*1. Jagatjit Sugar Mills Co., Ltd., Phagwara. Kapurthala State. (Patiala and East Punjab States Union) (E.P. Rly.)
- †2. Ramchand and Sons Sugar Mills, Barabanki. (U.P.) (E. I. Rly.)
- †\*3. Samastipur Central Sugar Co., Ltd., Samastipur. Darbhanga District. (O. T. Rly) (North Bihar).
- †\*4. Gaya Sugar Mills Ltd., P.O. Guraru Mills. Gaya District. (South Bihar).
- †\*5. The K.C.P. Ltd., Proprietors of the Vuyyuru Sugar Factory, Vuyyuru. Kistna District. (Madras Province).
- †\*6. The Mysore Sugar Co., Ltd., Mandya. Mysore State. (M.S.M.Rly).
- \*7. Bharat Sugar Mills Ltd., Sidhwalia. Saran District. Bihar (O. T. Rly).

- †8. The Modi Sugar Mills, Ltd., P.O. Modinagar. Meerut District. (U.P.)
9. The Ravalgaon Sugar Farm Ltd., Ravalgaon. Naaik District (Bombay Province)
- †\*10. Ram Luxman Sugar Mills, Mohiuddinpur, Meerut District, (West U.P.) (E. I. Rly).
- \*†11. Maheswari Khetan Sugar Mills Ltd., P.O. Ramkola. Deoria District. (East U.P.) (O.T. Rly.)
12. Shree Hanuman Sugar Mills Ltd., Motihari. Champaran District. Bihar (O. T. Rly.)
- †\*13. The Belapur Sugar Co., Ltd., Belapur Rd., P.O. Harigaon. Ahmednagar District. (Bombay Province) (G.I.P. Rly).
- †14. Ramnugger Cane and Sugar Co., Ltd., Plassey, Nadia District (W. Bengal).
- †\*15. The Gwalior Sugar Co., Ltd., Dabra (Gwalior). (Madhya Bharat Union) G.I.P. Rly.
- \*16. Saraya Sugar Factory, Sardarnagar Gorakhpur District. (East U.P.) (O.T. Rly.)
17. The Lakshmiji Sugar Mills Co., Ltd., Maholi, Sitapur District, E. I. Rly. (U.P.)
- \*\*18. The India Sugars and Refineries, Ltd., Hospet, Bellary District, (Madras Province) (M.S.M. Rly.)

## APPENDEK III

[ *Vide* paragraph 5 (a) ]Special costing *proforma* issued to the factories selected for costing

Statement showing cost of production of Sugar.

Name of the factory :

Season :

- (i) Total cane crushed during the season .....
- (ii) Total sugar produced during the season .....
- (iii) Recovery of sugar % cane during the season .....
- (iv) Duration of season .....
- (v) Actual number of crushing days .....

Item.	Quantity or number.	Amount Rs.	Average rate.	Amount per md. of sugar. Rs.
1	2*	3	4*	5

[\*Details contemplated in cols. 2 and 4 should be given only in respect of item I— (1), (4), (5), (6), II, III and V.]

## I. CANE.—

- (1) Cane (delivered at the factory).
- (a) Gate cane
- (b) Rail cane
- (c) Outstation cane (not by rail)
- (d) Factory's own Farm cane
- (2) Cane supply staff (excluding staff employed for transport).
- (a) Whole time staff (getting 12 month's pay)
- (b) Seasonal staff (for season only)
- (c) Retainer for seasonal staff

Item	Quantity or Number	Amount  Rs.	Average rate	Amount per md. of sugar  Rs.
1	2*	3	4*	5

[\*Details contemplated in cols. 2 & 4 should be given only in respect of item I (1) (4), (5), (6) II, III and V.]

(3) Cane Development staff—

- (a) Whole time staff
- (b) Seasonal staff (for season only)
- (c) Retainer for seasonal staff

(4) Co-operative Societies' Commission :

(5) Cane cess

(6) Transportation charges for —

- (a) Rail cane
- (b) Outstation cane
- (c) Own farm cane

Total.—(excluding item 6)

II. Other raw Materials if any .(Viz.,

Gur, Rab Juice, Raw Sugar etc. delivered at factory).

III. Power, fuel and stores

(1) Power (from external source)

(2) Fuel—

- (a) Coal
- (b) Firewood
- (c) Oil
- (d) Molasses
- (e) Bagasse

(3) Stores—

- (a) Lime
- (b) Sulphur
- (c) Limestone
- (d) Coke
- (e) Lubricants
- (f) Chemicals
- (g) Filter Cloth
- (h) Engineering Stores
- (i) Miscellaneous

Total

IV. Salaries and Wages.—

(1) Manufacturing and Engineering Department

- (a) Whole time staff (getting 12 months pay)
- (b) Seasonal staff (for season only)
- (c) Retainer (for seasonal staff)



Item	Quantity or Number	Amount Rs.	Average rate	Amount per md. of sugar. Rs.
1	2*	3	4*	5

[\* Details contemplated in cols. 2 and 4 should be given only in respect of item I (1), (4), (5), (6), II, III and V.]

(2) Other staff (excluding staff for cane supply and development and manufacturing and engineering Departments)—

- (a) Whole time staff . . . . .  
 (b) Seasonal staff . . . . .  
 (c) Retainer for seasonal staff . . . . .

Total . . . . .

**V. Packing :—**

- (1) Packing materials (gunny bags, etc) . . . . .  
 (2) Packing charges (which have not been included in any other items) . . . . .

Total . . . . .

**VI. Repairs and Renewals (only those items which are not covered by III and IV should be included)**

- (1) Repairs carried outside the factory . . . . .  
 (2) Renewals if any . . . . .

Total . . . . .

**VII. Other Overheads :**

- (a) Insurance . . . . .  
 (b) Stationery, printing and postage . . . . .  
 (c) Laboratory and research . . . . .  
 (d) Rent, rates and taxes . . . . .  
 (e) Directors' and Auditors' fees . . . . .  
 (f) Managing Agents' charges . . . . .  
 (g) Water, lighting royalties . . . . .  
 (h) Advertisement . . . . .  
 (i) Law charges . . . . .  
 (j) Medical expenses . . . . .  
 (k) Travelling expenses . . . . .  
 (l) General charges . . . . .

Total . . . . .

Grand Total excluding item I (6) . . . . .

**VIII. Credits for Materials Recovered—**

- (1) Molasses . . . . .  
 (2) Press Mud . . . . .  
 (3) Bagasse . . . . .  
 (4) Unused Stores and scraps . . . . .  
 (5) Total Receipts . . . . .

Net cost of production per maund . . . . .

*Note :—*

(1) The cost of production mentioned above is Ex-factory cost and should not include selling and distributing expenses discounts and commissions.

(2) The cost should exclude the interest actually paid by the Company; suitable provision will be made later by the Board to cover interest on working capital.

(3) Managing Agents' charges mentioned at VII (f) above refer only to Managing Agents' fixed allowances; and should exclude Managing Agents' commission for which provision will be made separately by the Tariff Board.

(4) Information is being collected separately regarding the value of the Block. In fixing the fair selling price of Sugar, the Board will make a suitable addition to cover depreciation and a reasonable return on Block.

#### APPENDIX IV.

[Vide paragraph 5 (a)].

*Programme of the visits of the Board's Cost Accounts Officers to the factories selected for costing*

1. *Mr. P. V. R. Rao, Cost Accounts Officer.*

- |                                                                                                                       |                                |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------|
| (a) The Mysore Sugar Co. Ltd., Mandya (Mysore State)                                                                  | 16th and 17th August           |
| M. S. M. Rly.                                                                                                         | 1949.                          |
| (b) The K.C.P. Ltd., (Proprietors of the Vuyyuru Sugar Factory) Vuyyuru Kistna District. (M.S.M.Rly.) Madras Province | 19th and 21st September        |
|                                                                                                                       | 1949.                          |
| (c) W. H. Brady & Co., Ltd., Managers, Belapur Co. Ltd., Royal Insurance Building, Churchgate Street, Fort Bombay.    | 12th October, 1949.            |
| (d) The Gwalior Sugar Co. Ltd., Dabra. Gwalior (G.I.P. Rly.) (Madhyabharat Union).                                    | 30th add 31 October -<br>1949. |

2. *Mr. N. Krishnan, Cost Accounts Officer.*

- |                                                                                                       |                                           |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------|
| (a) Gaya Sugar Mills Ltd., P.O. Guraru Mills. Gaya District. (South Bihar).                           | 13th September to 20th<br>September 1949. |
| (b) Samastipur Central Sugar Co. Ltd., Samastipur. Darbhanga District, (North Bihar) (O.T. Rly.)      | 21st September to 26th<br>September 1949. |
| (c) Bharat Sugar Mills Ltd., Sidhwalia Saran District. (North Bihar) (O. T. Rly.)                     | 27th September to 30th<br>September 1949. |
| (d) Begg Sutherland & Co. Ltd., Managing Agents, Samastipur Central Sugar Co. Ltd., P.O. Box 21. K... | 3rd October to 5th<br>October 1949.       |

3. *Mr. K. Nagaswamy, Assistant Cost Accounts Officer.*

- |                                                                                                                         |                                                                  |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| (a) Ramluxman Sugar Mills, Ltd., Mohiuddinpur, Meerut District (West U.P.) (N.W. Rly.)                                  | 29th August 1949, 31st<br>August 1949 and 9th<br>September 1949. |
| (b) The Jagatjit Sugar Mills Co., Ltd., Phagwara. Kapurthala State. (E.P. Rly.) (Patiala and East Punjab States Union). | 16th September to 19th<br>September 1949.                        |
| (c) Saraya Sugar Factory, Sardarnagar, Gorakhpur District. (East U. P.) (O.T. Rly.)                                     | 26th September to 28th<br>September 1949.                        |
| (d) Maheshwari Khetan Sugar Mills Ltd., Ramkola. Deoria District (East U.P.) (O.T. Rly.)                                | 5th October to 7th Octo-<br>ber 1949.                            |

## APPENDIX V.

[Vide paragraph 5 (b)].

*Special detailed general questionnaire issued to all the central sugar factories.*

NOTES. (1) Reply to this questionnaire, with 11 spare copies, should reach the Secretary, Indian Trail Board, Contractor Building, Nicol Road, Ballard Estate, Bombay, not later than 24th September, 1949.

- (2) The answers may be confined to matters with which you are directly acquainted and on which you are in a position to furnish the Board with detailed evidence.
- (3) Unless otherwise required, it is requested that figures may be supplied from the working season of 1930-31 (or, if the factory started working after 1930-31, from the first year in which the factory started operation) up to the end of the working season 1948-49.
- (4) Figures may kindly be given per acre or per standard maund (82.2.7 lbs.) as the case may be.
- (5) It is suggested that a note may be made of any facts or figures which you like to be considered as confidential.
- (6) It is requested that figures should be supplied in a tabular form as far as possible.
- (7) Please write each question before the answer.
- (8) The answers should be written or printed on foolscap paper with a minimum margin of 1½ inches on both sides of the page.

## A.—GENERAL.

1. Please state the name, location of your factory, the nearest railway station and the Province or State in which it is situated.

2. (a) Is your firm (i) a public or private limited company, (ii) a partnership or (iii) an individual proprietary concern? If (i) or (ii) please state where it is registered and the year of registration.

(b) Is your firm managed by Managing Agents or by a Managing Director? If so, state the terms of appointment and remuneration.

3. Please give the name and full address of the present proprietor or managing agents and the date since when they have been managing the factory.

4. Please give information on the following points regarding your firm and factory or factories :—

- (a) (i) total number of Directors,
- (ii) number of technical Directors with their technical qualifications.
- (b) date of commencement of production.
- (c) full crushing capacity of the original plant (mention any subsequent increase in capacity due to any extension in your plant with dates).

## B.—CAPITAL ACCOUNT AND OVERHEAD CHARGES.

5. Please give detailed information on the following points regarding :—

- (a) Capital : (i) authorised, (ii) subscribed and (iii) paid-up. Under (ii) and (iii), please state the amount of preference, ordinary and deferred shares.
- (iv) number and nominal value of shares of each type.
- (b) proportion of shares of each type offered for public subscription.
- (c) debentures and loans outstanding :—
  - (1) total amount.
  - (2) amount of debentures.
  - (3) amount of other loans.
  - (4) terms of borrowing.
  - (5) provisions for the redemption and/or repayment of debentures and/ or loans.

6. Please send one copy each of your Balance Sheets and Profit and Loss Accounts from 1930-31 or from the commencement of the operation of your factory up-to-date.

7. Please state for each of the last 19 years the particulars of the amount written off for depreciation. Are your rates of depreciation the same as are allowed by the Income-tax Department? If not, state the difference.

8. Please state the original cost and the present depreciated value (as written down for income-tax purposes) of your block under the following heads:—

	Original Cost.	Depreciated value
	Rs.	on Rs.
(1) Land		
(2) Factory buildings		
(3) Non-factory buildings		
(4) Plant and machinery (separately for each department)		
(5) Other fixed capital		
Total		

9. (a) Please give the following information for each of the last 19 years regarding

- (i) profit earned (excluding depreciation);
- (ii) Income-tax paid.

(b) Please give a statement for the last 19 years (from 1930-31 or from the commencement of the operation of your factory) showing the actual amounts distributed as dividends on each class of capital (preference, ordinary and deferred).

10. What was the amount of working capital required by you during the last three years? Did you borrow any part of it? and if so, state the amount of interest paid and the average rate of interest.

11. What is the amount of working capital required to maintain your plant in operation to full working capacity?

Give details under the following heads:—

- (i) raw materials,
- (ii) stores and spare parts,
- (iii) stocks of finished goods,
- (iv) other working capital.

Total.

12. Please state whether any reserve fund has been created and if so, what is the amount and how it is invested?

13. Please give a statement showing the actual amount of your Head Office expenses and managing agents' commission for each of the last 19 years. How is the agents' commission determined?

14. What do you consider to be a fair rate of return on capital?

### C. PRODUCTION.

15. What has been the output of your factory for each of the seasons from 1930-31 to 1948-49

16. Do you consider that your factory is advantageously situated in respect of:

- (a) cane supply, other raw materials and stores such as limestone and important markets.
- (b) facility of rail, road and other communications and
- (c) an adequate labour supply?

17. What is the process of manufacture in your factory? What are the respective advantages and disadvantages of sulphitation, carbonitiation and other processes?

18. What changes have you made in the layout of your factory and what extensions of plant or replacement of machinery have been made since 1930? Please state the amounts spent and the sources from which they were obtained.

19. What further extensions or replacements do you propose to make in the near future?

20. (a) What are the main factors which determine the size of an economic plant in the sugar industry ?

(b) What in your opinion is the smallest unit of production which can be operated economically under present day conditions ?

21. To what extent is sugar factory equipment now obtainable in India ?

22. Are you satisfied with the technical assistance given by :—

- (1) The Indian Institute of Sugar Technology, Kanpur;
- (2) The Indian Central Sugarcane Committee; and
- (3) The Industries Department of your Provincial/State Governments ?

23. (a) Should there be a further expansion of the Sugar Industry to provide for—

- (i) an expanding internal market and/ or
- (ii) development of export trade ?

(b) If so, should such expansion be brought about

- (i) by enlargement of the existing units and/ or
- (ii) by establishment of new units ?

(c) If new units are to be established, which are the Provinces or States in which they should be set up ?

24. (a) If your answer to question 23 (a) is in the negative, should the production of sugar be stabilised at its present level or should it be curtailed ?

(b) If production is to be curtailed, what should be the extent and methods of such curtailment ?

#### D. RAW MATERIALS.

25. Do you undertake cultivation of sugarcane ? If so, did you purchase your land outright or obtain it on lease? What difficulty, if any, did you experience in purchasing or leasing land ?

26. Please give the following information :—

- (a) total area held,
- (b) average area under cane each year,
- (c) varieties of cane grown,
- (d) system of cultivation with special reference to fallows, rotation and manuring
- (e) average yield per acre for different varieties of cane and their sucrose content, and
- (f) cost of cultivation per acre, in as much detail as possible.

27. What area have you set aside for

- (a) experiment in cane cultivation, and
- (b) production of seed for sale or free distribution to cultivators ?

28. What experiments have you tried, especially in relation to early and late varieties of cane and manuring ? How far has the Agricultural Department of your Province/State been of assistance in this respect ?

29. What changes have taken place during the period 1938-39 to 1948-49 regarding :—

- (a) the quantity of cane available,
- (b) the quality of cane ?

30. To what extent is cane liable to damage from frost, disease or insect pest ? Can you give an estimate of the percentage of loss through these causes ?

31. Is your factory assured of a sufficient supply of suitable cane ? What are the principal varieties of cane crushed in your factory ? Please state the field yield and sucrose content of each.

32. To what extent and in what circumstances is the supply of cane and the price at which it can be obtained influenced by the competition of other factories ?

33. (a) Has the area under cultivation from which you ordinarily obtain your supply been subject to considerable variations ?

(b) If so, to what causes do you attribute such variations and in particular, what is the effect of

- (i) the climatic conditions including excess or deficiency of rain-fall,
- (ii) prices obtainable for sugar,
- (iii) prices obtainable for *gur/jaggery*,
- (iv) prices obtainable for alternative cash crops ?

34. Please furnish information, if available, as to the cost of cultivating one acre of sugarcane by an average cultivator and the outturn per acre. The cost should be stated in as much detail as possible.

35. What are the main difficulties of cane-growers in the cultivation of cane and its delivery to the factory? Have you any suggestions to make?

36. (a) The Tariff Board of 1931 came to the conclusion that compulsory acquisition or leasing of land for cultivation of cane by factories was impracticable in Indian conditions. What are your views on this subject?

(b) How far has the working of the 'zone' system in the U.P. and Bihar been satisfactory as regards, (i) improvement in the yield and quality of sugarcane, (ii) co-operation of factories in sugarcane development work, (iii) increase and stability of growers' income and (iv) adequacy and regularity of the supplies of cane to the factory.

37. Are you in favour of introducing the zone system in the other sugar producing Provinces/States?

38. If you think that the working of the zone system has not been satisfactory, what steps should be taken to improve it?

39. Can you suggest any alternative method which can serve the same purposes as the zone system?

40. Is your gate-cane entirely transported by carts or are lorries also used? What is the average weight of cane carried per cart? To what extent is it possible to improve the type of country cart by the substitution of rubber-tired carts or otherwise? If you have employed any improved type of cart, please state what additional maundage of cane can be carried.

41. Is the mileage of roads in the vicinity of your factory adequate? What is the condition of main and feeder roads?

42. From what distance is cane brought by road and what is the average time taken between cutting cane and its delivery at factory? During road transport, to what extent is cane protected from deterioration?

43. What is the average cost of transport of cane by cart per maund per mile? Do cane-growers employ their own carts or do they have to hire them? If they hire carts, what is the average cost of hiring?

44. Are any tolls or other dues levied on carts supplying cane to your factory?

45. What are your arrangements for the continuous and uniform supply of gate-cane? What is the normal period of detention of a cart at the factory? What improvements in these arrangements have been made in recent years to ensure prompt delivery of cane and speedy release of carts?

46. From what distance is cane transported by rail to your factory? What is the average time taken between cutting cane and its delivery at factory? Are railway arrangements for transport of cane satisfactory?

47. On what basis are railway freights calculated? Have there been any changes in the rates in recent years?

48. Have you any comments to make on railway freight rates for other raw materials such as limestone or for manures?

49. What mileage of tramways serves your factory? What is the average cost of transport per maund? Is the charge borne by the factory or by the grower?

50. Do you consider a tramway system generally advantageous? Are there any special difficulties in laying out a tramway line?

51. Can you give an estimate of the extent of deterioration of cane owing to delay in delivery by road and rail?

52. What proportion of cane is purchased,

- (a) direct from cane-growers,
- (b) through co-operative societies, and
- (c) through contractors or agents.

53. Into what arrangement do you enter with cultivators for the supply of cane? Do you give advances in cash, or provide seed or manure or render any other assistance?

54. (a) If your cane is not purchased direct from growers, what arrangements do you make and what commission do you pay?

(b) If any part of cane supply is obtained from cane-supplying associations or co-operative societies, state the terms on which the supply is arranged ?

55. What are your arrangements for weighment of cane ? Is payment made at the time of delivery of cane? If not, what is the normal interval between delivery of cane and payment ?

56. Please state the prices at which you have purchased cane during the period from 1938-39 to 1948-49. Do prices tend to vary at different periods of the season ?

57. Does the price at which you purchase sugarcane bear any definite relation to the price of sugar ? If not, on what basis are prices fixed ?

58. To what extent and in what circumstances is the supply of cane and the price at which it is obtainable influenced by the price of *gur/jaggery* or *khandsari* sugar ?

59. Have there been considerable variations in the price of *gur/jaggery* in the area in which you are principally interested ? What are the causes of these variations ?

60. If minimum prices of sugarcane are fixed under the rules framed by Provincial/State Governments, have you paid prices in excess of the minimum rate and, if so, to what extent and why ?

61. Do you consider the basis on which minimum prices are fixed satisfactory ? Have you any suggestions to make ?

62. How far do you consider it feasible to introduce a system of 'bonus' payments over and above the minimum rates, for superior and early and late varieties of cane ?

63. What has been the duration of the crushing season for each year during the period from 1938-39 to 1948-49 and what are the reasons for variations? Do you consider the duration of crushing season sufficiently long for economical working ?

64. What are the possibilities of extending the crushing season by the introduction of early and late varieties of cane ?

65. Are you satisfied with the assistance given by the Indian Central Sugar Cane Committee and the Agricultural and Co-operative Departments of your Government ? Have you any suggestions to offer ?

#### E. LABOUR AND STAFF.

66. What is the number of—

- (i) skilled,
- (ii) semi-skilled, and
- (iii) unskilled workers, employed in your factory for
  - (a) the crushing season, and
  - (b) the off season ?

67. Please give information in a tabular form regarding the following :—

- (a) average, minimum and maximum rates of wages for
  - (i) skilled,
  - (ii) semi-skilled, and
  - (iii) unskilled workers ;
- (b) rates of dearness allowance;
- (c) rates of retaining allowance; and
- (d) bonus.

The information is to be given in respect of seasons 1930-31, 1938-39, 1943-44, 1946-47, 1947-48 and 1948-49.

68. Please give the following particulars regarding the superior staff employed by you at present :

- (a) number of technical staff (including consultants) ;
- (b) number of non-technical staff;
- (c) average, minimum and maximum rates of salary paid to
  - (i) technical staff;
  - (ii) non-technical staff;
- (d) rates of dearness allowance ;
- (e) rates of retaining allowance; and
- (f) bonus.

69. What arrangements have been made for housing your workers ?

70. Give a short account of any labour welfare work done in your factory. What is the actual expenditure on this account?

71. Have labour-capital relations in your area been satisfactory during the period from 1938-39 to 1948-49?

Please state what is the present position?

72. What is the machinery for settling industrial disputes in your factory?

#### F. POWER, FUEL AND STORES.

73. Are you able to meet the whole of your requirements of fuel from the bagasse in your factory? If not, to what extent is it necessary to supplement it and how?

Please give figures for the amount spent on fuel for the last 11 years, from 1938-39 to 1948-49. Do you bale your surplus bagasse?

74. Have you experienced any difficulties for the last 3 years in obtaining supply of fuel and stores?

If so, give instances of such difficulties.

#### G. BY-PRODUCTS.

75. What are the by-products produced in your factory?

76. (a) Please give the outturn and price of molasses for the last 19 years.

(b) What are the causes of variation?

77. (a) What is the market for your molasses and what are your arrangements for its transportation? Are Railway facilities adequate? What are the freight rates from the factory to the market you supply?

(b) Please state the quantity and price at which you have been supplying molasses to distilleries from 1930-31 to date. What control, if any is exercised by the Provincial State or Central Governments on the supply of molasses to distilleries? Do you think this control is desirable? If not, would you propose any modifications in view of the national importance of the Power Alcohol industry in India?

(c) In view of the fact that molasses are sold to distilleries at a very low price, do you think that part of the profits earned, if any, by the Power Alcohol industry should be distributed to the sugar factory or factories supplying molasses to the distilleries? If so, what should be the basis of such distribution?

78. If you do not sell your molasses, how do you dispose of them? Have you any other suggestions for the utilisation of molasses?

79. Have you any outlet for your surplus bagasse, if any? Have you any suggestions to offer as to new uses of bagasse?

80. Have you any suggestions for the utilisation of any other by-products?

#### H. STORAGE AND TRANSPORTATION OF SUGAR.

81. Please give figures of your stocks of sugar on the 15th June, and 15th November from 1938 to 1949.

82. What are your arrangements for the storage of sugar and what is the capacity of your godown? Have you increased your storage capacity in recent years or do you propose to do so?

83. To what extent does your sugar deteriorate or get damaged in storage? What are the causes of such deterioration or damage and how far does it depend on the quality of sugar?

84. What is your practice with regard to the disposal of damaged sugar? Is it sold outright or reconditioned?

85. To what extent is the keeping quality of sugar susceptible of improvement?

86. To what extent is the sugar damaged whilst in transit from factories and what is the damage due to?

87. Have you experienced any difficulty in obtaining wagons for transportation of sugar and has there been any delay for the delivery of sugar in the markets you supply?

88. Have you any suggestions for the improvement of railway transport of sugar, as for example, with regard to the type of wagon?

89. Please give a statement showing the prices at which during the last 19 years the products of your factory have been sold at:

(i) ports, and

(ii) inland centres.

90. What are the present railway freight rates to the markets you supply?



**I. EFFICIENCY OF PRODUCTION.**

91. In order to enable the Tariff Board to judge the extent of progress in efficiency attained by factories since 1930-31, the Board requires full information as to the cost of manufacture and recovery rate as far as possible in the annexed Forms I and II for the following periods :-

- (i) 1930-31 or the first year of the commencement of production,
- (ii) 1938-39.
- (iii) 1943-44.
- (iv) 1946-47, 1947-48 and 1948-49.

92. What reductions have you been able to make in your costs since 1930-31 by

- (i) extending your plant,
- (ii) installing more efficient machinery,
- (iii) reducing overhead charges, and
- (iv) any other measures of economy ?

93. To what extent is there room for further reduction in costs ?

**J. MARKETING.**

94. What are the principal sugar marketing centres in the country ?

95. What are the usual arrangements for the sale of sugar between (a) manufacturers and dealers, (b) dealers and retailers ?

96. (a) What have been (i) the wholesale and (ii) retail prices of sugar for the last 19 years in the area covered by the distribution centres with which you are acquainted ? Give figures with details as to quality.

(b) To what extent are the wholesale and retail prices of sugar and *gur/jaggery* fixed by

- (i) the competitive market,
- (ii) producers and dealers' combines, and
- (iii) Government ?

Give details in regard to any or all of these matters since 1930-31.

97. Does the difference between wholesale and retail prices tend to fluctuate widely ? If so, what is the reason ?

98. What are the storage arrangements made by dealers ? To what extent does sugar deteriorate in storage ?

99. (a) Do you consider the present quality of Indian sugar equal to foreign sugar ? If not, in what respects is Indian sugar inferior ?

(b) Are you in favour of the standardisation of Indian sugar ? If so, on what basis would you suggest standardisation ?

(c) To what extent has actual business been done by you on the basis of the sugar standards prescribed by the Director, Indian Institute of Sugar Technology ?

(d) Has any use been made of these standards for grading purposes ?

(e) Have you any suggestions to offer for increasing the usefulness of these standards ?

100. The sugar manufacturing season being limited to about 1/3 of the year, to what extent are stocks carried over,

- (a) by manufacturers,
- (b) by dealers ?

How is the carrying over of stocks financed ?

What are the usual arrangements with Banks or other financial agencies ?

101. Please describe the functions of the Indian Sugar Syndicate. What has been the effect of its operations, on (a) the sugar industry, (b) sugar prices, (c) dealers and merchants ?

102. Do you think that the present Sugar Syndicate should be abolished ? Would you propose the setting up of an alternative central selling agency on an all-India basis ? If so, will you please outline a practicable scheme ?

103. Have you any other suggestions for the improvement of sugar marketing in India, such as the establishment of 'futures' or 'terminal' markets ?

104. What is your estimate of the normal consumption of sugar in India ? What are the possibilities of increasing its consumption ?

105. To what extent is sugar replacing gur, especially in the sweetmeat trade ?

106. Has there been any export of Indian sugar (a) by sea, (b) by land and under what conditions do you think such export is feasible ?

107. What are the marketing arrangements for molasses ?

108. Is there any export of Indian molasses, and if so, to what countries ? Are there any possibilities for the development of its export ?

109. Please state the prices of imported sugar, if any, during the last 4 years. If possible, give f.o.b. prices with the following items separately.

- (a) freight,
- (b) insurance and trade charges,
- (c) customs duty,
- (d) landing charges.

If this is not possible, please give c.i.f. prices, customs duty, and landing charges. As far as possible, the prices of the different qualities of sugar should be shown separately.

110. (a) What is the present import control position with regard to sugar ?

(b) If import control be lifted, do you think that indigenous sugar will be faced with serious competition from imported sugar in the near future ? If so, please indicate—

- (i) the chief sources of such imports,
- (ii) the quantities that may be available from each source,
- (iii) the c.i.f. prices of imports from each source. (As far as possible, the prices of different qualities of sugar should be separately shown).

#### K. CLAIM FOR PROTECTION.

111. Do you think that the sugar industry requires, and should be granted, protection after 31st March, 1950 ?

112. If so, what should be the extent of protection and for what period should it be granted ?

113. In order to ensure that the object of protection is fulfilled within a reasonably short time, what condition should be imposed on the industry as regards :—

- (i) proper location of the units;
- (ii) enlargement and/or balancing of plants;
- (iii) improvement in manufacturing efficiency;
- (iv) purchase of sugarcane and payment of sugarcane prices;
- (v) fair deal to workers;
- (vi) maintenance of proper financial and cost records including data on manufacturing efficiency; and
- (vii) fixation and control of sugar prices.

114. What form of assistance other than protective duty do you consider necessary for the development of the industry ?

115. Within what period, in your opinion, will the sugar industry be able to dispense with protection or assistance ?

## FORM I.

*Statement showing cost of production of sugar*

- Name of the factory : \_\_\_\_\_ Season : \_\_\_\_\_
- (i) Total cane crushed during the season.....
- (ii) Total sugar produced during the season.....
- (iii) Recovery of sugar % cane during the season.....
- (iv) Duration of season.....
- (v) Actual number of crushing days.....

Item	Quantity or number	Amount Rs.	Average rate	Amount per md of sugar. Rs.
1	2*	3	4	5
<b>I. Cane.</b>				
(1) Cane (delivered at the factory)				
(a) Gate cane.				
(b) Rail cane.				
(c) Outstation cane (not by rail)				
(d) Factory's own Farm cane.				
(2) Cane supply staff (excluding staff employed for transport).				
(a) Whole time staff (getting 12 months' pay)				
(b) Seasonal staff (for season only)				
(c) Retainer for seasonal staff				
(3) Cane Development staff.				
(a) Whole time Staff.				
(b) Seasonal staff (for season only)				
(c) Retainer for seasonal staff.				
(4) Cooperative Societies Commission.				
(5) Cane Cess.				
(6) Transportation charges for				
(a) Rail Cane.				
(b) Outstation cane.				
(c) Own farm cane.				
Total (excluding item 6)				
<b>II. Other raw materials if any.</b> (viz. Gur, rab Juice, Raw Sugar etc. delivered at factory).				
<b>III.—Power, Fuel and Stores.</b>				
1. Power (from external source)				
2. Fuel.				
(a) Coal.				
(b) Firewood.				
(c) Oil.				
(d) Molasses.				
(e) Bagasse.				

[\*Details contemplated in cols. 2 & 4 should be given only in respect of item I—(1), (4), (5), (6), II, III and V].

## FORM I—(contd.)

1	2*	3	4*	5
(3) Stores—				
(a) Lime. . . . .				
(b) Sulphur. . . . .				
(c) Limestone. . . . .				
(d) Coke. . . . .				
(e) Lubricants. . . . .				
(f) Chemicals. . . . .				
(g) Filter Cloth. . . . .				
(h) Engineering Stores. . . . .				
(i) Miscellaneous. . . . .				
Total. . . . .				
IV. Salaries and Wages—				
(1) Manufacturing and Engineering Department—				
(a) Whole time staff (getting 12 months' pay).				
(b) Seasonal staff (for season only). . . . .				
(c) Retainer (for seasonal staff). . . . .				
(2) Other staff (excluding staff for cane supply and development and manufacturing and Engineering Departments)—				
(a) Whole time staff. . . . .				
(b) Seasonal staff . . . . .				
(c) Retainer for seasonal staff. . . . .				
Total . . . . .				
V. Packing—				
(1) Packing materials (gunny bags etc.) . . . . .				
(2) Packing charges (which have not been included in any other items). . . . .				
Total . . . . .				
VI. Repairs and Renewals (only those items which are not covered by III & IV should be included)				
(1) Repairs carried outside the factory. . . . .				
(2) Renewals if any. . . . .				
Total . . . . .				
VII. Other overheads—				
(1) Insurance. . . . .				
(2) Stationery, printing and postage. . . . .				
(3) Laboratory and research. . . . .				
(4) Rent, rates and taxes. . . . .				
(5) Directors' and Auditors' fees. . . . .				
(6) Managing Agents' charges. . . . .				
(7) Water, lighting, royalties. . . . .				
(8) Advertisement. . . . .				
(9) Law charges. . . . .				
(10) Medical expenses. . . . .				
(11) Travelling expenses. . . . .				
(12) General charges. . . . .				
Total . . . . .				
Grand Total excluding item I (6)				

\* Details contemplated in cols. 2 and 4 should be given only in respect of item I—(1), (4), (6) II, III and V.

Form I—Concl'd.

1	2*	3	4*	5
<b>VIII. Credit for Materials recovered.</b>				
(1) Molasses. . . . .				
(2) Press Mud. . . . .				
(3) Bagasse. . . . .				
(4) Unused stores and scraps. . . . .				
(5) Total Receipts. . . . .				
<b>Net cost of production per maund</b>				

\* Details contemplated in cols 2 and 4 should be given only in respect of item I—(1), (4), (5), (6) II, III and V.

**NOTE.—1.** The cost of production mentioned above is ex-factory cost and should not include selling and distributing expenses, discounts and commissions.

**2.** The cost should exclude the interest actually paid by the Company; suitable provision will be made later by the Board to cover interest on working capital.

**3.** Managing Agents' charges mentioned at VII (6) above refer only to Managing Agents, fixed allowances; and should exclude Managing Agents' commission for which provision will be made separately by the Tariff Board.

**4.** Information is being collected separately regarding the value of the Block. In fixing the fair selling price of Sugar, the Board will make a suitable addition to cover depreciation and a reasonable return on Block.

**FORM II**

*Efficiency of Production of Sugar directly from Cane.*

- (1) Name of factory .....
- (2) Clarification process used .....

Item	30—31	38—39	43—44	46—47	47—48	48—49
<b>1. Cane crushing—</b>						
(a) Date of start . . . . .						
(b) Date of finish . . . . .						
(c) Duration of season . . . . .						
(d) Total days of actual crushing . . . . .						
(e) Total hours of actual crushing . . . . .						
(f) Total cane milled . . . . .						
<b>2. Sugar made (Indicate grade of sugar)—</b>						
(i) . . . . .						
(ii) . . . . .						
(iii) . . . . .						
<b>Total</b> . . . . .						
<b>3. Molasses made . . . . .</b>						
<b>4. cane . . . . .</b>						
(i) Per cent sugar . . . . .						
(ii) Per cent fibre . . . . .						
<b>5. juices—</b>						
(i) Purity of 1st crusher . . . . .						
(ii) Purity of mixed juice . . . . .						
(iii) Purity of last roller juice . . . . .						
(iv) Purity of syrup . . . . .						
(v) Drop in purity-crusher to mixed juice . . . . .						

Item	30—31	32—39	43—44	46—47	47—48	48—49
(vi) Drop in purity-crusher to last roller						
(vii) Drop in purity-crusher to syrup						
(viii) Increase in purity mixed juice to syrup						
(ix) Reducing sugar ratio of mixed juice						
(x) Java Ratio						
<i>Bagasse—</i>						
Per cent sucrose						
Percent moisture						
<b>7. Extraction—</b>						
(i) Imbibition per cent cane						
(ii) Sucrose in mixed juice per cent sucrose in cane						
(iii) Reduced extraction based on (12.5 fibre)						
<b>8. Filter Cake—</b>						
(i) Per cent sucrose						
(ii) Weight per cent cane						
<b>9. Final Molasses—</b>						
Purity						
<b>10. Recovery—</b>						
(i) Sucrose per cent cane lost in manufacture						
(ii) Sucrose in sugar per cent sucrose in cane						
(iii) Red and overall recovery (12.5 fibre, 85 purity)						
(iv) Sucrose in sugar per cent sucrose on mixed juice						
(v) Reduced boiling house recovery 85 purity						
(vi) Tons cane per ton sugar						
(vii) Tons cane per ton sugar of 96° purity						
(viii) Average recovery of marketable sugar per 100 cane						
<b>11. Losses—</b>						
(i) Sucrose in bagasse per cent sucrose in cane (A)						
(ii) Sucrose in filter cake per cent sucrose cane (B)						
(iii) Sucrose in molasses per cent sucrose in cane (C)						
(iv) Undetermined sucrose per cent sucrose in cane (D)						
(v) Sucrose lost in boiling house (B+C+D)						
(vi) Sucrose in total losses per cent sucrose in cane (A+B+C+D)						
<b>12. Sugar—</b>						
Average polarisation of all sugar						
Total						

## APPENDIX VI

[Vide paragraph 5 (b)]

*Additional questionnaire issued to the sugar refineries*

## INDIAN TARIFF BOARD

INQUIRY ON THE SUGAR INDUSTRY (1949)

*No. 1—Additional Questionnaire**No. 1—Sugar Refineries—*

[*Note.*—(1) Reply to this questionnaire, with 11 spare copies, should reach the Secretary, Indian Tariff Board, Contractor Building, Nicol Road, Ballard Estate, Bombay, not later than 20th September, 1949.

(2) The answers may be confined to matters with which you are directly acquainted and on which you are in a position to furnish the Board with detailed evidence.

(3) Unless otherwise required, it is requested that figures may be supplied from the working season of 1930-31 (or if the factory started working after 1930-31, from the first year in which the factory started operation) up to the end of the working season 1948-49.

(4) Figures may please be given per acre or per standard maund (82.2/7 lbs.) as the case may be.

(5) It is suggested that a note may be made of any facts or figures which you will like to be considered as confidential.

(6) Please write each question before the answer.

(7) The answers should be written or printed on foolscap paper with a minimum margin of 1½ inches on both sides.]

1. In what year did your factory first commence manufacture of sugar by refining and what is your maximum capacity? Does your factory refine only or does it also crush cane?

2. From what material do you refine sugar? What qualities of sugar do you make?

3. What has been your output of sugar since 1930-31? To what causes do you attribute variations?

4. (a) Are you able to obtain sufficient quantity of raw material and at what prices do you obtain it?

(b) What are your sources of supply and what is the method of transportation?

5. What has been your average recovery of sugar for the following periods:—

(i) 1930-31 or the first year of the commencement of production.

(ii) 1938-39.

(iii) 1943-44.

(iv) 1946-47, 1947-48 and 1948-49.

Give details in Form III enclosed. How far do you consider an improvement possible (a) in the method of manufacture of the raw material, (b) in the process of refining, to increase recovery rate?

6.\*Please state in as much detail as possible in annexed Form I the cost of manufacture of one maund of sugar in your refinery for each season for the following periods:—

(i) 1930-31 or the first year of the commencement of production.

(ii) 1938-39.

(iii) 1943-44.

(iv) 1946-47, 1947-48 and 1948-49.

What are the causes of variations?

7. How does your sugar compare in quality with ordinary factory sugar? Please state the prices obtained for different qualities of sugar since 1930-31.

8. What are the markets you supply and what are the freight rates?

9. What has been your output of molasses and what prices were obtained since 1930-31?

10. Under what conditions can refineries continue to operate in competition with sugar factories?

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\*Vide General questionnaire Appendix V.

## FORM III

*Efficiency of production in Refineries working by the Vacuum Pan Process.*

- (1) Name of factory.....  
 (2) Clarification process used.....

Item	30—31	38—39	43—44	46—47	47—48	48—49
<b>1. Gur/Jaggery melting—</b>						
(i) Date of start . . . . .	..	..	..	..	..	..
(ii) Date of finish . . . . .	..	..	..	..	..	..
(iii) Duration of season (days) . . . . .	..	..	..	..	..	..
(iv) Total days actual melting . . . . .	..	..	..	..	..	..
(v) Gur melted (Mds) . . . . .	..	..	..	..	..	..
(vi) Drainings melted (Mds).. . . . .	..	..	..	..	..	..
(vii) Total melt . . . . .	..	..	..	..	..	..
<b>2. Sugar made (Mention quality according to B.S.S. Standard)—</b>						
(i) Grade . . . . .	..	..	..	..	..	..
(ii) Grade . . . . .	..	..	..	..	..	..
(iii) Grade . . . . .	..	..	..	..	..	..
<b>3. Molasses and Drainings—</b>						
(i) Molasses . . . . .	..	..	..	..	..	..
(i) Drainings . . . . .	..	..	..	..	..	..
<b>4. Recovery—</b>						
(i) Marketable sugar per 100 gur/jaggery . . . . .	..	..	..	..	..	..
(ii) Marketable sugar per 100 melt . . . . .	..	..	..	..	..	..
(iii) Final molasses per 100 gur/Jaggery . . . . .	..	..	..	..	..	..
(iv) Final molasses per 100 melt . . . . .	..	..	..	..	..	..
<b>5. By-products —</b>						
(i) Press cake per cent melt . . . . .	..	..	..	..	..	..
(ii) Chips per cent melt . . . . .	..	..	..	..	..	..
<b>6. Stores.—</b>						
(i) Coal per cent melt . . . . .	..	..	..	..	..	..
(ii) Other fuel (give name per cent melt) . . . . .	..	..	..	..	..	..
(iii) Total fuel in terms of coal per cent melt . . . . .	..	..	..	..	..	..
(iv) Other stores (with details) . . . . .	..	..	..	..	..	..
<b>7. Analyses—</b>						
(i) Gur/Jaggery	Sugar %					
	Brix %					
	Purity					
	Invert Sugar %					
	Ash %					
	Net Rendement					
(ii) Drainings melted	Sugar %					
	Brix %					
	Purity					
	Invert sugar %					
	Ash %					
	Net Rendement.					
(iii) Sugar (average for all grades)	Sucrose %					
	Moisture					
(iv) Final molasses	Sugar %					
	Brix %					
	Purity					
(v) Press cake	Sugar %					
(vi) Chips	Sugar %					

Note.—1. Please state

(a) If purities noted are G.P. or P.G.P.

(b) whether mixed juice has been measured, weighed or calculated.

2. True average should be given.

Manager.



## APPENDIX VII

[Vide paragraph 5(b)]

*Additional questionnaire issued to the manufacturers of sugar by the open pan system and khandsars.*

## INDIAN TARIFF BOARD

*Inquiry on the Sugar Industry (1949). Additional Questionnaire.*

## NO. 2 MANUFACTURERS OF SUGAR BY THE OPEN PAN SYSTEM AND KHANDSARS.

NOTE.—1. Reply to this questionnaire, with 11 spare copies, should be sent to the Secretary, Indian Tariff Board, Contractor Building, Nicol Road, Ballard State, Bombay, not later than 20th September, 1949.

2. The answers may be confined to matters with which you are directly acquainted and on which you are in a position to supply the Board with detailed evidence.

3. Unless otherwise required, it is requested that figures may be supplied from the working season of 1930-31 (or from the first year in which the factory started operation), up to the end of working season 1948-49.

4. Figures may kindly be given per acre or per standard maund (82-2/7 lbs.) as the case may be.

5. It is suggested that a note may be made of any facts or figures which you like to be considered as confidential.

6. Please write each question before the answer.

7. The answers should be written or printed on foolscap paper with a minimum margin of 1½ inches on both sides of the page.

1. Do you manufacture sugar directly from cane, or from juice or from *rab*? What is your process of manufacture?

2. What are your arrangements for obtaining cane/juice/*rab*? If you do not deal directly with the grower, who is your intermediary and what commissions do you pay?

3. Please state the average prices paid during each of the last 19 years for one standard maund (82-2/7 lbs.) of cane/juice/*rab*?

4. How far are variations in price of cane/juice/*rab* accounted for by—

(a) prices obtained for cane supplied to vacuum pan factories in your vicinity;

(b) *Gur* prices?

5. Please give the following data for your process:—

(i) the amount of juice extracted per 100 maunds of cane,

(ii) the amount of *rab* manufactured from 100 maunds of juice,

(iii) the amount of sugar extracted from 100 maunds of *rab*.

NOTE.—Figures may kindly be given in standard maunds of 82-2/7 lbs.

6. How many qualities of sugar do you manufacture? What has been your output for each quality during the last 19 years?

7. Please give in as much detail as possible your cost of manufacture of sugar during the following years:—

1930-31, 1938-39, 1943-44, 1946-47, 1947-48 and 1948-49?

8. What are the chief markets to which you supply sugar and what are your arrangements for distribution?

9. Please state the prices obtained for the various classes of sugar manufactured by you for the last 19 years.

10. Is your sugar preferred to (i) *gur* and (ii) Indian factory sugar? If so, why and by what class of consumers?

11. To what extent, if any, is Indian factory sugar replacing your sugar?

12. To what extent has competition from factory sugar resulted in closing down open pan factories and khandsars in your neighbourhood during the last 19 years?

13. What are the main difficulties of the open pan/*khandsari* industry? Have suggestions for overcoming them?

## APPENDIX VIII

[Vide paragraph 5(b)]

*Additional questionnaire issued to the gur and jaggery merchants.*

[NOTE.—1. Reply to this questionnaire with 11 spare copies, should be sent to the Secretary Indian Tariff Board, Contractor Building, Nicol Road, Ballard Estate, Bombay, not later than 20th September 1949.

2. Figures may kindly be given per standard maund (82-2/7 lbs.)
3. It is suggested that a note may be made of any facts or figures which you like to be considered as confidential.
4. Please write each question before the answer.
5. The answers should be written or printed on foolscap paper with a minimum margin of 1½ inches on both sides of the page.]

- 
1. What are the principal *gur/jaggery* marketing centres in which you deal ?
  2. What are the different kinds of *gur/jaggery* marketed by you ?
  3. What are the chief centres from which you obtain your supply and what is the quantity obtained from each during the last 19 years? To what causes do you attribute variations from year to year ?
  4. Has there been any variation in the quality of *gur/jaggery* in recent years? If so, for what reasons ?
  5. Please state the prices of various kinds of *gur/jaggery* for the last 19 years. To what causes do you attribute variation ?
  6. Is there any relation between the price of *gur/jaggery* and sugar.
  7. How far is there competition between *gur/jaggery* and
    - (i) Indian factory sugar?
    - (ii) *Khandsari* sugar?
- Is sugar replacing *gur/jaggery* in your market ?
8. How long will *gur/jaggery* keep in good condition. Is there variation in the keeping of qualities of different kinds of *gur/jaggery* ?

## APPENDIX IX

[Vide paragraph 5(b)]

*Additional questionnaire issued to the Provincial and the State Governments.*

## INDIAN TARIFF BOARD

## INQUIRY ON THE SUGAR INDUSTRY (1949)

*Additional Questionnaire.*

No. 4—Provincial/State Governments.

[NOTE.—1. Reply to this questionnaire, with 11 spare copies, should be sent to the Secretary Indian Tariff Board, Contractor Building, Nicol Road, Ballard Estate, Bombay, not later than 20th September 1949.

2. Figures may kindly be given per acre or per standard maund (82-2/7 lbs.) as the case may be.
3. Please write each question before the answer.
4. The answers should be written or printed on foolscap paper with a minimum margin 1½ inches on both sides of the page.]

- 
1. What has been the area under sugarcane in your Province/State during the last 19 years? What improved varieties are grown and what has been the approximate acreage under each?
  2. How would you classify the different areas in your Province/State in respect of differences in climatic conditions, method of cultivation, etc? How much of the crop in each area is (a) irrigated (b) unirrigated?

3. What are the irrigation rates in your Province/State and on what basis are they determined? How have they varied in the last 19 years?

4. Can you give an estimate of the cost of cultivation of cane to the cultivator in different areas (irrigated and unirrigated separately)? Has there been any variation in the cost in the last 19 years? What has been the average yield per acre and the average sucrose content?

5. Under present conditions, what would you consider to be a fair price of sugarcane to the growers?

6. Has there been a marked variation in sugarcane cultivation in any specific area during the last 19 years? If so, what are the causes of variations and how far in your opinion are they due to—

- (i) Climatic conditions including excess or deficiency of rainfall,
- (ii) prices obtainable for sugar,
- (iii) prices obtainable for *gur/jaggery* and,
- (iv) prices obtainable for alternative cash crops?

7. What are the other cash crops in your Province/State? How far do they form an alternative to sugarcane? If possible, please give an estimate of return per acre to an average cultivator from the various cash crops.

8. Can you give an estimate of the amount spent during the last 19 years for the extension and improvement of sugarcane cultivation in your Province/State?

9. (a) What is the amount of contribution your Province/State receives from the Government of India out of sugar excise or other wise and how is it utilised? Do you consider it adequate?

(b) Is there any cess on sugarcane supplied to factories in your Province/State? If so, please state the rate and total amount of cess collected each year since its imposition. What portion of this amount has been utilised for sugarcane development?

(c) Do you think that the rate of cess on sugarcane charged at present is too high? To achieve a reduction in sugar price, to what extent should the cess be lowered without prejudice to the purpose for which it is charged?

10. Please give a brief account of—

- (i) the research work that has been undertaken in regard to sugarcane and the control of disease,
- (ii) measures adopted for the introduction of improved varieties of cane, improved methods of cultivation, use of manure, etc.

11. What assistance has been received from—

- (i) Indian Central Sugar cane Committee,
- (ii) Coimbatore Sugarcane Research Station, and
- (iii) Indian Institute of Sugar Technology?

12. To what extent have factories co-operated with the Agricultural Department of your Province/State in the introduction of new varieties of cane and improved methods of cultivation?

13. Of the sugarcane grown in your Province/State, how much do you estimate is—

- (a) crushed in sugar factories,
- (b) utilised by open pan factories and *khandsaris*,
- (c) turned into *gur*, and
- (d) used for chewing purposes and for seed?

14. What are the main difficulties of cane-growers in the cultivation of cane and its delivery to the factory?

15. To what extent is the Co-operative Department rendering assistance to cane growers? How far have the cane-growers been organised and how many cane-growing and cane supplying societies are working?

16. Are minimum prices fixed for sugarcane in your Province/State by Government? If so what is the basis of their fixation? Has the system worked satisfactorily?

17. To what extent is the price paid by the factories influenced by competition of other factories?

18. How far do you consider it feasible to introduce a system of bonus payments over and above the minimum rates for superior and early and late varieties of cane?

19. What is the average cost of transport of cane by carts per maund per mile in different areas of your Province/State?

20. Do cane-growers employ their own carts or do they have to hire them? If they have to hire carts, what is the average cost of hiring?

21. Do you consider rail, road and tramway facilities for transport of cane adequate? What assistance has been given in your Province/State towards the development of feeder roads and tramway systems?

22. What assistance has been rendered by the Industries Department to sugar factories ?
23. What particular assistance has been rendered to any individual factory in your Province/State by way of provision of capital, concessions in regard to land, water rate charges, etc?
24. How many co-operative sugar factories are there in your Province/State and how are they working ?
25. (a) Give a short review of the developments in labour capital relations in the sugar industry during the last 19 years.
- (b) Are conditions of labour in sugar factories satisfactory?
26. Please give figures of (i) wholesale and (ii) retail prices of sugar in the important markets of your Province/State for the last 19 years.
27. (a) To what extent are the wholesale and retail prices of sugar and *gur/jaggery* fixed by—
- (i) the competitive market,
  - (ii) producers' and dealers' combined, and
  - (iii) Government ?
- Give details in regard to any or all of these matters since 1930-31.
- (b) During the period from 1942 to 1947 sugar prices were fixed by the Central Government in consultation with the Provincial Governments and the industry. Describe the basis of calculation of ex-factory sugar price during this period.
- (c) Apart from other items that entered into the cost of production of sugar, the manufacturing charges were determined on the basis of the cost of production schedule prepared by Mr. R. C. Srivastava, late Director of the Indian Institute of Sugar Technology. Do you think that schedule still continues to be suitable? If not, why not? Can you propose an alternative schedule for future use?
- (d) Please explain the principles adopted in fixing the price differentials for different qualities of sugar from time to time. Please give the different charts of price differentials that were in use with explanatory notes, if any.
- (e) The Indian Tariff Board in its Report of March, 1949, recommended that price margins or differentials on account of quality of sugar should be examined by the Sugar Commission for U.P. and Bihar. In case this has been done, the Report may be furnished to the Board. In any case, it is requested that the views of the Provincial or state Governments on this subject may be communicated to the Board. **25 E**
- (f) During the summary Tariff Board inquiry on Sugar in 1948, the Sugar Merchants' Associations pointed out that certain factories had an extra profit from what is termed a freight advantage. What are your views on this point, particularly with reference to :—
- (i) pre-control period.
  - (ii) control period—1942 to 1947,
  - (iii) de-control period—1948 to date?
28. Have there been considerable margins between wholesale and retail prices of sugar? If so, what are the reasons?
29. (a) What is your estimate of the normal consumption of sugar in your Province/State and what are the possibilities of increasing it ?
- (b) Please give an estimate of the amount of sugar consumed by confectionery, fruit-canner, and biscuit-manufacturers in your Province/State.
30. What are the possibilities of development of subsidiary industries such as the manufacture of sweets and syrups, fruit preservation and canning, etc., in your Province/State ?
31. Do you consider the development of the sugar industry has reached a state in your Province/State, so as to necessitate—
- (i) introduction of "zone" system by allotting special areas to different factories for their supply of cane, or
  - (ii) fixation of a quota for sugar manufacture by different factories, or
  - (iii) licensing of (a) new factories and (b) extensions of existing factories?
32. What is your estimate of production of *gur* from sugarcane for the last 19 years ?
33. (a) From what material, other than cane, (e.g., date, palmyra, coconut palms) is *gur/jaggery* produced in your Province/State and what is your estimate of production?
- (b) To what extent the manufacture of *gur/jaggery* from raw materials other than sugarcane should be encouraged in order to divert cane area towards the cultivation of food grains? In case the Provincial/State Government has already taken any action in this connection, particulars of such action may be furnished to the Board.

34. Please state the prices obtained for various kinds of *gur/jaggery* in different areas during the last 19 years. What are the causes of variations in prices from year to year and how far are they due to—

- (i) changes in acreage under sugarcane ;
- (ii) climatic and other conditions affecting the crop; and
- (iii) competition from Indian factory sugar ?

35. Please give an estimate of the total annual consumption of *gur/jaggery* in your Province/State since 1930. To what causes do you attribute the variations from year to year?

36. From what areas in *gur/jaggery* imported into your Province/State ? Please give approximate figures of annual imports during the last 19 years.

37. To what areas is *gur/jaggery* exported from your Province/State? Please give approximate figures of annual exports during the last 19 years.

38. Is there any relationship between the price of *gur/jaggery* and that of Indian factory sugar? If so, please give the relevant data indicating such a relationship.

39. To what extent is Indian factory sugar replacing *gur/jaggery* in your Province/State?

40. Please give an account of any research work undertaken towards improvement in the methods of manufacture of *gur/jaggery*.

41. Please give the number of (i) open pan factories and (ii) *khandsars* in your Province/State and an estimate of their outturn of sugar, *gur* and molasses?

42. Please give an estimate of the cost of manufacture of sugar in open pan factories and *khandsars*.

43. To what extent has competition from factory sugar resulted in the closing down of open pan factories and *khandsars* in recent years?

44. The Tariff Board of 1931 was of the opinion that an effort might be made to support the *khandsari* industry, both as holding an important position in the agricultural system and as constituting an outlet for surplus cane. Do you agree with this view?

45. What research work has been undertaken in your Province/State to improve the open pan system and the manufacture of *rab*?

46. What, in your opinion, has been the incidence of the Sugar Excise Duty on

- (a) the cane grower,
- (b) the manufacturer,
- (c) the dealers, and
- (d) the consumer ?

47. From the point of view of the consumer, what has been the effect of the protective duties ?

48. What has been the effect of the protective duties on those industries, such as, fruit-canning, confectionery, etc., which are dependent on the use of sugar?

49. How are your statistics of acreage, production and prices of sugarcane, sugar and *gur* prepared and what is the degree of their accuracy?

50. Please give a review of the Provincial legislation including rules and orders passed on the various aspects of the Sugar, *gur* and *khandsari* industry from 1930-31 to date and furnish copies of each of the enactments, rules and orders framed thereunder.

51. The Indian Tariff Board in its Report on the continuance of protection to the Sugar Industry dated March 1949 had recommended :—

1. "The efficiency of some of the factories in India, particularly in the U.P. and Bihar can be definitely increased by shifting them to more suitable localities and/or by making the additions and alterations to their plants. The U.P. and Bihar Governments should institute an early inquiry into the conditions of the factories with special reference to their location and plants, and in the light of the findings of such inquiry, call upon sugar mill companies to shift their factories and/or balance their plants at an early date".

2. "The Provincial Governments should intensify their efforts to help the cane growers in utilising the result of research and thereby improving the yield and quality of canes. The representatives of sugar mills should be associated with sugar-cane development work in the Provinces."

3. "Sugarcane prices should be fixed by the different Provinces with the approval of the Government of India."

The Board would like to know the details of any action taken by the Governments concerned in this matter.

52. Have you any comments to make on any of the points raised in the Board's questionnaire on the Sugar industry enclosed.

## APPENDIX X

[Vide paragraph 5(b)]

*Questionnaire for consumers.*

GOVERNMENT OF INDIA

MINISTRY OF COMMERCE

TELEGRAM: TARBOARD

No. TB/E/44-R/12. Indian Tariff Board, Contractor-  
Building, Nicol Road, Ballard Estate, Bombay.

TELEPHONE: 23881

Dated

1949.

FROM

The Secretary,  
Indian Tariff Board,  
Bombay 1.

TO

SUBJECT: *Continuance of Protection or Assistance to the Sugar Industry.*

(Questionnaire for consumers).

DEAR SIR/SIBS,

The question of continuance of protection or assistance to the above industry after 31st March 1950 is under investigation by the Tariff Board. As it is understood that your firm is one of the principal users of the commodity, the Board would be glad if you would kindly furnish information on the following points:

1. The quantity and value of the commodity used by you annually.
2. How does the price of sugar in India compare with the price of sugar in foreign countries, quality being the same?
3. (a) To what extent do you think that your industry has been affected by the variations in production, supply and prices of sugar?  
(b) If your industry has been adversely affected by the above factors, what remedies do you suggest to improve the position?
4. Your views, in general, on the desirability of continuance or otherwise of protection to the sugar industry.
5. Have you any comments to make on any of the points raised in the General Questionnaire on the sugar industry enclosed.
6. Any other remarks.

Your reply with eleven spare copies may kindly be sent so as to reach the Secretary, Indian Tariff Board Bombay 1, not later than 1949.

Yours faithfully,

B. R. SEHGAL,

for Secretary.

## APPENDIX XI

[Vide paragraph 5(b)]

*Supplementary questionnaire on the working of the Indian Sugar Syndicate Limited Kanpur.*

NOTE.—(1) Reply to this questionnaire, with 11 spare copies, should reach the Secretary Indian Tariff Board, Contractor Building, Nicol Road, Ballard Estate, Bombay, not later than 24th September, 1949.

(2) The answers may be confined to matters with which you are directly acquainted and on which you are in a position to furnish the Board with detailed evidence.

(3) It is suggested that a note may be made of any facts or figures which you like to be considered as confidential.

(4) Please write each question before the answer.

(5) The answers should be written or printed on foolscap paper with a minimum margin of 1½ inches on both sides of the page.

1. Please state when the Indian Sugar Syndicate was set up and registered. Please give details of membership of the Syndicate from its inception to date.
2. (a) What are the functions of the Indian Sugar Syndicate?  
(b) Please furnish copies of its Memorandum and Articles of Association.
3. Please state the circumstances under which the Provincial Governments of U.P. and Bihar withdrew recognition from the Syndicate in April 1940.
4. Please state the terms and conditions imposed on the Syndicate when the two Governments again granted recognition to the Indian Sugar Syndicate in July 1940.
5. Please give a brief review of its activities from its inception. What has been the effect of its operations on
  - (a) the Sugar Industry,
  - (b) sugar prices and
  - (c) dealers and merchants?
6. Please supply copies of 'contract' forms in use from time to time for purposes of 'contract' between the Syndicate and the Sugar merchants.
7. Please explain the principles adopted in fixing the price differentials for different qualities of sugar.
8. (a) Please give different charts of price differentials that have been in use from time to time, with explanatory notes, if any.  
(b) Were the above price differential charts approved by the Provincial Governments of U.P. and Bihar?
9. What is the method of grading sugar at the factories? Does the Syndicate make use of standards fixed by the Bureau of Sugar Standards, working under the Director, Indian Institute of Sugar Technology?
10. (a) How are different sugar bags graded and grade marks put on them in the factories?  
(b) Is it true that certain factories mark wrong grades on the sugar bags and thus charge higher prices?  
(c) Was any complaint ever made to the Sugar Syndicate regarding wrong marking of grades on sugar bags? If so, what action was taken by the Syndicate? Give full details.
11. (a) The ex-factory price of sugar just before decontrol of sugar in December 1947 was Rs. 20-14-0 per maund, whereas immediately after decontrol the price was raised to Rs. 35-7-0. Full details of the break-up of the latter price may please be furnished to the Board with explanations on each item, such as, manufacturing expenses, interest on working capital, extra allowed on account of difference between the manufacturing charges calculated on the basis of the R.C. Srivastava cost of production schedule and the Syndicate cost of production schedule etc.  
(b) Please supply a copy of the proceedings of the meeting of the Joint Sugar Control Board for U.P. and Bihar held to discuss the sugar price for the season 1947-48 as well as a copy of the recommendations of the U.P. and Bihar Sugar Commission regarding the price of sugar for the year 1947-48.
12. In January 1949, the ex-factory price of sugar was reduced to Rs. 28-8-0 per maund. Please give details of the calculations with explanatory notes on all the items that made up the above sugar price.
13. During the summary Tariff Board inquiry on sugar in 1948, the Sugar Merchants' Associations stated that certain factories had an extra profit from what is termed a freight advantage. What are your views on this point, particularly with reference to :
  - (i) pre-control period,
  - (ii) control period—1942 to 1947, and
  - (iii) de-control period—1948 to date?
14. (a) What is the method of allocation of quotas for despatches of sugar from factories to different marketing centres?  
(b) Are any deviations from the general method allowed? If so, give details with explanations.
15. Does the Syndicate deal with the sale of molasses of U.P. factories? If so, please give details of all arrangements that have been entered into between the Syndicate, Government of U.P., dealers and consumers of molasses.
16. What is the contribution made by the factories towards the working expenses of the Syndicate?
17. Please furnish the Board with copies of the Syndicate's annual reports, balance sheets and profit and loss accounts from the year when the Syndicate first started working.
18. Please give a review of any other activities of the Indian Sugar Syndicate, such as, those regarding labour questions, fixation of production quotas etc

19. In what way does the U.P. and Bihar Sugar Commission exercise its supervisory control over the Indian Sugar Syndicate?

20. Do you think that the present Sugar Syndicate should be abolished? Would you propose the setting up of an alternative Central Selling Agency on an All-India basis? If so, will you please outline a practicable scheme?

## APPENDIX XII

[Vide paragraph 5(d)]

*Special questionnaire issued to the power alcohol distilleries in the country.*

TELEGRAM : TARBOARD BOMBAY                      Indian Tariff Board, Contractor Building,  
Nicol Road, Ballard Estate, Bombay, 15th  
September 1949.

TELEPHONE : 23881

FROM

The Secretary,  
Indian Tariff Board,  
Bombay.

TO

SUBJECT : *Protection or Assistance to the Sugar Industry.*

DEAR SIR,

I am directed to state that the protection granted to the Sugar Industry under the Government of India (Ministry of Commerce) Resolution No. 33(1)-TB/49 dated 17th June 1949 is due to expire on 31st March 1950 and that in accordance with para 2 of this Resolution, the Government of India, Ministry of Commerce, in their Resolution No. 33(4)-TB/49 dated 1st July 1949, have directed the Board to hold a fuller inquiry into the question of the continuance of the existing protection to the Sugar Industry in accordance with the terms of reference set out below :—

“Having regard to the importance of sugar as an article of food and the necessity for reducing its price to a reasonably competitive level, to enquire into and report not later than the end of December 1949, whether the sugar industry will require, and should be granted protection after the end of March 1950 and if so, for what period, to what extent, on what basis and subject to what conditions, such conditions including the rationalisation of cultivation of sugarcane as well as of manufacture of sugar, fixation and control of prices of sugarcane and sugar and other ancillary matters such as the relation between the sugar industry on the one hand and the *gur* and the *khandasari* industries on the other, labour conditions and State assistance to the industry. The question whether any quantitative limit to production should also be imposed should be considered having regard to the necessity or otherwise for national self-sufficiency in this commodity, the advantage arising from having an export market in sugar, the effective utilisation of byproducts and the industrial and other advantages arising therefrom”.

2. In this connection I am directed to request you kindly to furnish to the Board the following information for each of the last 3 years regarding your distillery :

- (i) Installed capacity per day of 24 hours for manufacturing
  - (a) Power alcohol 99.5%
  - (b) Other spirits (giving strength)
- (ii) Amount of molasses that are required for (i) [Please give quality desired].
- (iii) Production of power alcohol (99.5%) and other spirits.
- (iv) Quantity of molasses consumed for (iii).
- (v) Quality of molasses consumed.
- (vi) Number of actual working days.
- (vii) (a) Price paid for molasses;  
(b) Transport charges paid on molasses,
- (viii) Cost of production of alcohol (exclusive of excise duties) with details under each of the following items :
  - (a) Raw materials,
  - (b) Manufacturing charges,
  - (c) Overhead charges etc.
- (ix) Ex-distillery price of alcohol.



- (x) Net profit earned (exclusive of income-tax).
- (xi) Reasons which prevented your distillery from working to full capacity and for the maximum number of days.
- (xii) Have you any suggestions to make for improvement in the efficiency of alcohol manufacture and stabilising the power alcohol industry in India ?
- (xiii) How do you utilize the by-products of your distillery e.g., Carbon dioxide, Fusel Oil, Head products and Yeast? Please state the income you derive from each of these by-products.
- (xiv) (a) What is the basis on which the price of molasses supplied to the distilleries is fixed?
- (b) Do you consider that the price of molasses paid by the distilleries is fair to the sugar factories ?
- (c) Can you suggest any modification in (a) and (b) ?

It is requested that your reply, with 11 spare copies, may kindly be forwarded so as to reach the Secretary, Indian Tariff Board, Bombay, not later than 10th October 1949.

Yours faithfully,

B. R. SEHGAL.

for Secretary.

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APPENDIX XIII

[Vide paragraph 5 (d)]

Special questionnaire on the power alcohol industry issued to the Provincial and the State Governments.

TELEGRAM : TARBOARD  
BOMBAY.

Indian Tariff Board,  
Contractor Building,  
Nicol Road, Ballard Estate,  
Bombay, 15th September, 1949.

TELEPHONE : 23881.

FROM :—

The Secretary,  
Indian Tariff Board,  
BOMBAY.

TO

SUBJECT :Protection or Assistance to the Sugar Industry.

DEAR SIR,

I am directed to state that the protection granted to the Sugar Industry under the Government of India (Ministry of Commerce) Resolution No. 33 (1)-TB/49 dated 17th June, 1949 is due to expire on 31st March, 1950 and that, in accordance with para 2 of this Resolution, the Government of India Ministry of Commerce, in their Resolution No. 33(4)-TB/49 dated 1st July '49, have directed the Board to hold a fuller inquiry into the question of the continuance of the existing protection to the Sugar Industry in accordance with the terms of reference set out below :—

“ Having regard to the importance of sugar as an article of food and the necessity for reducing its price to a reasonably competitive level, to enquire into and report not later than the end of December 1949 whether the sugar industry will require, and should be granted protection after the end of March '50 and if so, for what period, to what extent, on what basis and subject to what conditions, such conditions including the rationalisation of cultivation of sugarcane as well as of manufacture of sugar, fixation and control of prices of sugarcane and sugar and other ancillary matters such as the relation between the sugar industry on the one hand and the *gur* and the *chandsari* industries on the other, labour conditions and State assistance to the industry. The question whether any limit to production should also be imposed should be considered having regard to the necessity or otherwise for national self-sufficiency in this commodity, the advantage arising from having an export market in sugar, the effective utilisation of bhey-products and the industrial and other advantages arising therefrom”.

- (x) Net profit earned (exclusive of income-tax).
- (xi) Reasons which prevented your distillery from working to full capacity and for the maximum number of days.
- (xii) Have you any suggestions to make for improvement in the efficiency of alcohol manufacture and stabilising the power alcohol industry in India ?
- (xiii) How do you utilize the by-products of your distillery e.g., Carbon dioxide, Fusel Oil, Head products and Yeast? Please state the income you derive from each of these by-products.
- (xiv) (a) What is the basis on which the price of molasses supplied to the distilleries is fixed?
- (b) Do you consider that the price of molasses paid by the distilleries is fair to the sugar factories ?
- (c) Can you suggest any modification in (a) and (b) ?

It is requested that your reply, with 11 spare copies, may kindly be forwarded so as to reach the Secretary, Indian Tariff Board, Bombay, not later than 10th October 1949.

Yours faithfully,

B. R. SEHGAL.

for Secretary.

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APPENDIX XIII

[Vide paragraph 5 (d)]

*Special questionnaire on the power alcohol industry issued to the Provincial and the State Governments.*

TELEGRAM : TARBOARD  
BOMBAY.

Indian Tariff Board,  
Contractor Building,  
Nicol Road, Ballard Estate,  
Bombay, 15th September, 1949.

TELEPHONE : 23881.

FROM :—

The Secretary,  
Indian Tariff Board,  
BOMBAY.

To

SUBJECT : *Protection or Assistance to the Sugar Industry.*

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DEAR SIR,

I am directed to state that the protection granted to the Sugar Industry under the Government of India (Ministry of Commerce) Resolution No. 33 (1)-TB/49 dated 17th June, 1949 is due to expire on 31st March, 1950 and that, in accordance with para 2 of this Resolution, the Government of India Ministry of Commerce, in their Resolution No. 33(4)-TB/49 dated 1st July '49, have directed the Board to hold a fuller inquiry into the question of the continuance of the existing protection to the Sugar Industry in accordance with the terms of reference set out below :—

“ Having regard to the importance of sugar as an article of food and the necessity for reducing its price to a reasonably competitive level, to enquire into and report not later than the end of December 1949 whether the sugar industry will require, and should be granted protection after the end of March '50 and if so, for what period, to what extent, on what basis and subject to what conditions, such conditions including the rationalisation of cultivation of sugarcane as well as of manufacture of sugar, fixation and control of prices of sugarcane and sugar and other ancillary matters such as the relation between the sugar industry on the one hand and the *gur* and the *khandasari* industries on the other, labour conditions and State assistance to the industry. The question whether any limit to production should also be imposed should be considered having regard to the necessity or otherwise for national self-sufficiency in this commodity, the advantage arising from having an export market in sugar, the effective utilisation of by-products and the industrial and other advantages arising therefrom”.

In this connection I am directed to enclose a copy of the Board's circular letter No. TB/E/44-R/21 dated 15-9-49 issued to distilleries in the Indian Union with reference to the Board's inquiry into the sugar industry. The Board will be glad if you will kindly arrange to send a note on the development of the Power Alcohol Industry in your Province/State during the last 10 years and in particular on the following points :—

- (1). The nature and extent of the assistance given by your Province/State to this industry.
- (2) The rate of excise duty charged on
  - (a) Storing of molasses,
  - (b) distilling of molasses,
  - (c) Power alcohol (99.5 per cent), and
  - (d) industrial alcohol.
- (3) Is there any control over molasses produced in the sugar factories in your Province/State? If there is control, to what extent does it apply to the
  - (a) Distilleries,
  - (b) Trade?
- (4) What income, if any, has the Province/State derived from the sale of molasses during the last 5 years?
- (5) What is the present annual capacity of the distilleries manufacturing Power Alcohol in your Province/State?
- (6) How is the mixing and distribution of Power Alcohol and Petrol carried on at the present time? If it is done through the Petrol Companies, state the handling, storing and distribution charges paid to them per gallon of Power Alcohol.
- (7) Do you consider that the price of molasses paid by distilleries is fair to the sugar factories?

I am, further, to request you kindly to furnish to the Board as much information as you possess on the items mentioned in the circular letter under reference, and on any other relevant matter concerning this industry.

As the Board's public inquiry into this industry is to be held shortly, you are requested to send your reply, with 11 spare copies, so as to reach the Secretary, Indian Tariff Board, Bombay by 10th October 1949.

Yours faithfully,

R. DORAISWAMY,  
Secretary.

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#### APPENDIX XIV

[vide paragraph 5 (d)].

*Special questionnaire issued to the Trade Representatives of the Government of India, abroad.*

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No. T.B./44-R/19.

TELEGRAM: TARBOARD  
BOMBAY

INDIAN TARIFF BOARD,  
Contractor Building,  
Nicol Road, Ballard Estate,  
Bombay 1, 15th September, 1949.

From

The Secretary,  
Indian Tariff Board,  
BOMBAY.

To

SUBJECT:—*Protection or assistance to the Indian Sugar Industry.*

DEAR SIR,

I am directed to state that the protection granted to the Indian Sugar industry by the Government of India, Ministry of Commerce Resolution No. 33 (1)-TB/49 dated 17th June, 1949 (copy enclosed), is due to expire on 31st March 1950 and that in accordance with para 2 of this Resolution, the Government of India, in the Ministry of Commerce Resolution No. 33(4)-TB/49, dated 1st July 1949 (copy enclosed), have directed the Board to hold a fuller inquiry into the question of continuance of the existing protection and certain other matters connected with the sugar industry as set out in the terms of reference of the Resolution dated 1st July 1949 referred to above.

In this connection I am directed to enclose a copy of the Board's circular letter No. TB E/44-R/21 dated 15-9-49 issued to distilleries in the Indian Union with reference to the Board's inquiry into the sugar industry. The Board will be glad if you will kindly arrange to send a note on the development of the Power Alcohol Industry in your Province/State during the last 10 years and in particular on the following points :—

- (1). The nature and extent of the assistance given by your Province/State to this industry.
- (2) The rate of excise duty charged on
  - (a) Storing of molasses,
  - (b) distilling of molasses,
  - (c) Power alcohol (99.5 per cent), and
  - (d) industrial alcohol.
- (3) Is there any control over molasses produced in the sugar factories in your Province/State? If there is control, to what extent does it apply to the
  - (a) Distilleries,
  - (b) Trade?
- (4) What income, if any, has the Province/State derived from the sale of molasses during the last 5 years?
- (5) What is the present annual capacity of the distilleries manufacturing Power Alcohol in your Province/State?
- (6) How is the mixing and distribution of Power Alcohol and Petrol carried on at the present time? If it is done through the Petrol Companies, state the handling, storing and distribution charges paid to them per gallon of Power Alcohol.
- (7) Do you consider that the price of molasses paid by distilleries is fair to the sugar factories?

I am, further, to request you kindly to furnish to the Board as much information as you possess on the items mentioned in the circular letter under reference, and on any other relevant matter concerning this industry.

As the Board's public inquiry into this industry is to be held shortly, you are requested to send your reply, with 11 spare copies, so as to reach the Secretary, Indian Tariff Board, Bombay by 10th October 1949.

Yours faithfully,

R. DORAISWAMY,  
Secretary.

#### APPENDIX XIV

[vide paragraph 5 (d)].

*Special questionnaire issued to the Trade Representatives of the Government of India, abroad.*

No. T.B./44-R/19.

TELEGRAM : TARB  
BOMBAY

INDIAN TARIFF BOARD,  
Contractor Building,  
Nicol Road, Ballard Estate,  
Bombay 1, 15th September, 1949.

From

The Secretary,  
Indian Tariff Board,  
BOMBAY.

To

SUBJECT:—Protection or assistance to the Indian Sugar Industry.

DEAR SIR,

I am directed to state that the protection granted to the Indian Sugar industry by the Government of India, Ministry of Commerce Resolution No. 33 (1)-TB/49 dated 17th June, 1949 (copy enclosed), is due to expire on 31st March 1950 and that in accordance with para 2 of this Resolution, the Government of India, in the Ministry of Commerce Resolution No. 33(4)-TB/49 dated 1st July 1949 (copy enclosed), have directed the Board to hold a fuller inquiry into the question of continuance of the existing protection and certain other matters connected with the sugar industry as set out in the terms of reference of the Resolution dated 1st July 1949 referred to above.

In this connection I am directed to request you kindly to forward to this office a note on the position and development of the sugar industry in the country/countries placed under the sphere of your activities with reference to production storage, marketing and transportation of sugar, utilisation of by-products such as molasses, bagasse, press mud and cane trash, labour conditions, in the sugar industry and industries allied to it. I am also to request you kindly to furnish to the Board the following sugar statistics for 1938-39 and from 1946-47 to date :—

1. Number of sugar factories.
  2. Total capital invested.
  3. Acreage of sugarcane/beet.
  4. Yield per acre of sugarcane/beet.
  5. Sugar percent cane/beet.
  6. Fibre percent cane.
  7. Total sugar manufactured.
  8. Sugar recovery percent cane/beet.
  9. Sugar recovered per acre.
  10. Molasses produced percent cane/beet.
  11. Reduced overall recovery (12.5 fibre, 85 purity) of sugar.
  - 12 (a) Cost of production of cane/beet.  
(b) Price of sugarcane/beet and mode of payment.
  13. Cost of production of sugar.
  14. Sugar price  
(a) Wholesale (b) Retail (c) Export price if any.
  15. Freight, insurance and other shipping charges for sugar from the country/countries under your jurisdiction to Indian ports namely, Bombay, Madras and Calcutta.
  16. (a) Rate of customs duty on import and export of sugar, mentioning whether protective or revenue.  
(b) Any other taxes on sugar, sugarcane/beet.
  17. Assistance in the form of bounties or subsidies granted to the sugar industry.
- You are requested kindly to send your reply by Air Mail so as to reach this office by the 20th October, 1949.

Yours faithfully,

R. DORAISWAMY,  
*Secretary.*

#### APPENDIX XV

[vide paragraph 5 (d)].

*Special questionnaire issued to the Trade Representatives of the Foreign Governments in India.*

GOVERNMENT OF INDIA

MINISTRY OF COMMERCE

TELEGRAM : TARBOARD  
BOMBAY  
TELEPHONE : 23881.

No. TB/E/44-R/20.  
Indian Tariff Board,  
Contractor Building,  
Nicol Road Ballard Estate,  
Bombay, 16th September, 1949.

From

The Secretary,  
Indian Tariff Board,  
BOMBAY.

To

SUB : *Protection or Assistance to the Indian Sugar Industry.*

DEAR SIR,

I am directed to state that the Indian Tariff Board has been asked by the Government of

India in the Ministry of Commerce Resolution No. 33(4)-TB/49 dated 1st July 1949 (copy enclosed) to examine the claim for the continuance of protection or assistance to the Indian Sugar Industry after 31st March 1950 in accordance with the terms of the reference of the Resolution referred to above.

In this connection I am directed to request you kindly to forward to this office a note on the position and development of the sugar industry in the country/countries represented by you, with reference to production, storage, marketing and transportation of sugar, utilisation of by-products (such as molasses, bagasse, press mud and cane trash) labour conditions in the sugar and its allied industries etc.

I am also to request you to furnish to the Board the following sugar statistics for 1938-39 and from 1946-47 upto date for the country/countries represented by you :—

1. Number of Sugar factories.
2. Total capital invested.
3. Acreage of sugarcane/beet.
4. Yield per acre of sugarcane/beet.
5. Sugar percent cane/beet.
6. Fibre percent—cane.
7. Total Sugar manufactured.
8. Sugar recovery percent cane/beet.
9. Sugar recovered per acre.
10. Molasses produced percent cane/beet.
11. Reduced overall recovery (12.5 fibre, 85 purity) of sugar.
12. (a) Cost of production of cane/beet.  
(b) Sugarcane/beet price paid to growers and mode of payment.
13. Cost of production of Sugar.
14. Sugar price (a) Wholesale.  
(b) Retail  
(c) Export price, if any.
15. Freight, insurance and other shipping charges for sugar from the country/countries represented by you to Indian ports namely, Bombay, Madras and Calcutta.
16. (a) Rate of Customs duty on import and export of sugar mentioning whether protective or revenue.  
(b) Any other taxes on sugar, sugarcane or beet.
17. Assistance in the form of bounties or subsidies granted to the sugar industry.

You are requested kindly to send your reply so as to reach this office by the 20th October, 1949.

Yours faithfully,

R. DORAISWAMY,

Secretary.

#### APPENDIX XVI.

[vide paragraph 5 (e)].

*List of factories, persons or bodies to whom the Board's general, additional, consumer's and supplementary questionnaires as well as the other special questionnaires were issued and who submitted memoranda.*

(\* Indicates those who replied to the Board's questionnaires or submitted memoranda).

(a) *Central Sugar Factories, Sugar Factories-CUM-refineries and refineries.*

SR indicates Sugar factories-CUM-Refineries.

R indicates Refineries.

1. Saraswati Sugar Mills, P. O. Abdullapur, Ambala District, (East Punjab).
2. The Ajudhia Sugar Mills, P. O. Raja-Ka-Sahaspur, Moradabad District (E. R. Railway), U.P.

3. Kundan Sugar Factory, Amroha, Moradabad District (E. I. Railway), U. P.
- \*4. Kamapat Motilal Gutaiya Sugar Mills, Masodha (Motinagar), Fyzabad District (E. I. Railway), U.P.
5. The Neoli Sugar Factory, Manpore, Etah District (U. P.), O. T. Rly.
- \*6. L. H. Sugar Factories & Oil Mills Co., Ltd., Kashipur, Naini Tal District, U. P. (O. T. Rly).
7. The Gokulnagar Sugar Mills Co., Ltd., Kitcha (Nainital District) U. P. (Nearest Station Gokulnagar, O. T. Rly).
8. The Simbhaoli Sugar Mills Ltd., Simbhaoli, P. O. Bhaksar, (Meerut District) U. P. (E.I. Rly).
9. Modi Sugar Mills Ltd., Modinagar (E. P. Rly), Meerut District, U. P.
- SR10. Ram Luxman Sugar Mills, Mohiuddinpur (E. I. Rly), Meerut District (U. P.)
11. Jaswant Sugar Mills Ltd., Meerut City, (E. I. Rly), U. P.
- \*12. Daurala Sugar Works, Daurala (Meerut District), U. P.
- SR13. Dewan Sugar Mills, Sakhoti Tanda (E. I. Rly) (Meerut District), U. P.
14. Upper Doab Sugar Mills, Shamli (S. S. L. Rly), Muzaffarnagar District, U. P.
15. The Upper India Sugar Mills Ltd., Khatauli (E. P.), (Muzaffarnagar District), U. P.
- \*16. Sir Shadi Lal Sugar and General Mills, Ltd., Mansurpur (E. P. Rly), (Muzaffarnagar District), U. P.
17. Amritsar Sugar Mills Co., Ltd., P. O. Rohankalan (E. P. Rly), (Muzaffarnagar District), U. P.
18. The Ganga Sugar Corporation Ltd., Deoband (E. P. Rly), (Saharanpur District) U. P.
19. Rai Bahadur Narain Singh Sugar Mills Ltd., Lhaksar (E. P. Rly), (Saharanpur District) U. P.
20. Lord Krishna Sugar Mills, Saharanpur (E. P. Rly), (Saharanpur District) U. P.
- SR21. The Vijay Lakshmi Sugar Mills Ltd., Doiwala (E.I. Rly.), (Dehra-Dun District), U.P.
22. Upper Ganges Sugar Mills Ltd., Seohara (E. I. Rly.), (Bijnor District), U. P.
23. Seth Shiv Prasad Banarsidas Sugar Mills, Bijnor (E. I. Rly), U. P.
24. Dhampur Sugar Mills Ltd., Dhampur, (Bijnor District) U. P.
25. L. H. Sugar Factories and Oil Mills Ltd., Pilibhit (O. T. Rly), U. P.
26. H. R. Sugar Factory Ltd., Bareilly (E. I. Rly), U. P.
27. The Kesar Sugar Mills Ltd., Bahri (O. T. Rly.), (Bareilly District) U. P.
- \*28. Rosa Sugar Works and Distillery of Carew and Co., Ltd., Rosa (E. I. Rly) (Shah-jahanpur District), U. P.
29. Aira Sugar Factory, Khamaria (Aira Kheri Estate), Lakhimpore (O. T. Rly.), (Kheri District) U. P.
30. Hindustan Sugar Mills Ltd., Golago Karannath (O. T. Rly.), (Kheri District), U.P.
31. Seksaria Biswan Sugar Factory Ltd., Biswan (O. T. Rly.), (Sitapur District) U. P.
32. Oudh Sugar Mills Ltd., Hargaon (O. T. Rly.), (Sitapur District) U.P.
33. The Lakshmi Sugar Mills Co., Ltd., Maholi (E.I. Rly.), Sitapur District, U. P.
- \*34. The Lakshmi Sugar and Oil Mills Ltd., Hardoi (E. I. Rly.), Hardoi District, U.P.
- SR35. Tribeni Deshi Sugar Works, Naini (E. I. Rly), (Allahabad District) U. P.
- SR36. Shree Krishna Deshi Sugar Works, Jhusi (O. T. Rly.), Allahabad District, U. P.
37. The Ratna Sugar Mills Co., Ltd., Shahganj (E. I. Rly.), (Jaunpur District), U. P.
- SR38. Seth Ramchand and Sons Sugar Mills, Barabanki (O.T. Rly.), (Barabanki District), U. P.
- SR\*39. The Burhwal Sugar Mills Co., Ltd., Burhwal (O. T. Rly.), P.O. Kamnagar, (Barabanki District), U. P.
40. R. B. Seth Lachmandas Mohanlal and Sons, P. O. Jarwal Road Bahraich District, U. P.
41. Balrampur Sugar Factory Ltd., (Tulsipur Factory), Tulsipur (O. T. Rly), Gonda District, U. P.
42. Balrampur Sugar Co., Ltd. (Balrampur Factory), Balrampur (O. T. Rly), Gonda District, U. P.
43. Nawabganj Sugar Mills Co., Ltd., Nawabganj (O. T. Rly.), Gonda District, U. P.

44. Saksaria Sugar Mills Ltd., Babhanan, Gonda District, U. P.
- \*45. Basti Factory of the Basti Sugar Mills Co., Ltd., Basti (O. T. Rly), Basti District, U. P.
46. Walterganj Factory of the Basti Sugar Mills Co. Ltd., Walterganj, Basti District, U. P.
47. The Madho Kanhava Mahesh Gauri Sugar Mills Co. Ltd., Munderwa (O. T. Rly.) Basti District, U. P.
48. Barhni Sugar Mills, Barhni, P. O. Ramduttganj, Basti District, U. P.
- \*49. Shree Anand Sugar Mills Ltd., Khalilabad (O. T. Rly.), Basti District, U. P.
50. Purbaspore Co., Ltd., Mairwara (O. T. Rly.) Deoria.
51. Noori Sugar Works Bhatni, Deoria District U. P.
52. Shree Sitaram Sugar Co., Ltd., Baitalpur (O. T. Rly.), Deoria District, U. P.
53. Kanpur Sugar Works Ltd., Gauri Factory, Gauri Bazar, (O. T. Rly.), Deoria District, U. P.
54. Deoria Sugar Mills Ltd., Deoria (O. T. Rly.), Deoria District, U. P.
55. The Shankar Sugar Mills Ltd., Captainganj (O. T. Rly.), Deoria District, U. P.
- \*56. The Vishnu Pratap Sugar Works Ltd., Khadda (Raja Bazar) Khadda (O.T. Rly.) Deoria District, U. P.
57. Lakshmi Devi Sugar Mills Ltd., Chhitauni (O. T. Rly.), Deoria District, U. P.
- SR58. Ishwari Khetan Sugar Mills Ltd., Lakshmganj (O. T. Rly.), Deoria District, U. P.
59. The Ramkola Sugar Mills Ltd., Ramkola (O. T. Rly.), Deoria District, U. P.
60. Maheshwari Khatan Sugar Mills, Ramkola (O. T. Rly.), Deoria District, U. P.
61. Padrauna Rajkrishna Sugar Works Ltd., Padrauna (O. T. Rly.), Deoria District, U. P.
62. Jagdish Sugar Mills Ltd., Kathuiyan (O. T. Rly.), Deoria District, U. P.
- \*63. United Provinces Sugar Co., Ltd., Padrauna P. O. Seorahi, (Nearest Station Tamkohli Rd.), Deoria District, U. P.
64. Deoria Betalpur Sindh Mills Ltd., Deoria, U. P.
- \*65. Saraya Sugar Factory, Sardarnagar (O. T. Rly.), Gorakhpur District, U. P.
66. Diamond Sugar Mills Ltd., Pipraich (O. T. Rly.), Gorakhpur District, U. P.
- \*67. Pipraich Sugar Mills Ltd., Pipraich (O. T. Rly.), Gorakhpur District, U. P.
68. Punjab Sugar Mills Co. Ltd., Ghugli (O. T. Rly.), Gorakhpur District, U. P.
- \*69. Mahabir Sugar Mills Ltd., Siswabazar (O. T. Rly.), Gorakhpur District, U. P.
- \*70. Ganesh Sugar Mills Ltd., Anandnagar, (Nearest Station Pharenda) (O. T. Rly.) Gorakhpur District, U. P.
71. Shree Sardar Sugar Mills Co., Nichloul (Nearest Station Siswabazar) (O.T. Rly.), Gorakhpur District, U. P.
72. Sakri Sugar Factory, Sakri (O. T. Rly.), Darbhanga District (Bihar).
73. Lohat Sugar Factory, Lohat P. O., (Nearest Station Pandaul) (O. T. Rly.), Darbhanga District, (Bihar).
74. Ryam Sugar Co., Ltd., Ryam Factory P. O., (Nearest Station Tara Sarai), (O. T. Rly.), Darbhanga District (Bihar).
75. Samastipur Central Sugar Co., Ltd., Samastipur (O. T. Rly.), Darbhanga District (Bihar).
76. New India Sugar Mills Ltd., Hasanpur Road (O. T. Rly.), Darbhanga District (Bihar).
77. Motipur Sugar Factory Ltd., Motipur (O. T. Rly.), Muzaffarpur District (Bihar).
- \*78. Belsund Sugar Factory, Riga (P. O.), Muzaffarpur District (Bihar).
79. Champaran Sugar Co., Ltd., Barnah, Barchakia (P. O.) Chakia (O. T. Rly), Champaran District (Bihar).
80. Shree Hanuman Sugar Mills Ltd., Motihari (O. T. Rly.), Champaran District (Bihar).
81. Sugauli Sugar Works Ltd., Sugauli (O. T. Rly.), Champaran District (Bihar).
82. Motilal Padampat Sugar Mills Co., Majhaulia (O. T. Rly.), Champaran District (Bihar).
83. Champaran Sugar Co., Ltd., Chaupatia Factory, Chaupatia (O.T. Rly.), Champaran District (Bihar).
84. S. K. G. Sugar Ltd., Pakri Jenriya, (Nearest Station Chaupatia), Champaran District (Bihar).
85. The New Swadeshi Sugar Mills Ltd., Narkatiagan (O. T. Rly.), Champaran District (Bihar).
86. Harinagar Sugar Mills Ltd., Harinagar (O. T. Rly.), Ramnagar, Champaran District (Bihar).
87. The Ganga Devi Sugar Mills Ltd., Narainpur, (Nearest Station Bagaha) (O. T. Rly.), Champaran District (Bihar).
88. Gaya Sugar Mills Ltd., Guraru (E. I. Rly.), Gaya District (Bihar).
89. Gaya Sugar Mills Ltd., Warsaliganj (E. I. Rly.), Gaya District (Bihar).
90. South Bihar Sugar Mills Ltd., Patna, (Nearest Station Bihta) (E. I. Rly.), Patna District (Bihar).
91. Mohini Sugar Mills Ltd., Bikramganj (S. L. Rly.), Shahabad District (Bihar).



92. Rohtas Industries Ltd., P.O. Dalmianagar (Nearest Railway Station Deri-on-Sone) (E. I. Rly.), Shahbad District (Bihar).
- SR93. Ganga Deshi Sugar Factory, Buxar (E. I. Rly.), Shahabad District (Bihar).
- \* 94. Sitalpore Sugar Works, Sitalpore (O. T. Rly.), Saran District (Bihar).
95. Kanpur Sugar Works, Ltd., Marhowrah Factory, Marhowrah (O. T. Rly.), Saran District (Bihar).
96. Maharajganj Sugar Co., Ltd., Maharajganj (O. T. Rly.), Saran District (Bihar).
97. The Behar Sugar Works of the Industrial Corp. Ltd., Pachrukhi (O. T. Rly.), Sara District (Bihar).
98. New Savan Sugar and Gur Refining Co., Ltd., Siwan [Savan (O. T. Rly.)], Saran District (Bihar).
99. Indian Sugar Works, Siwan [Savan (O. T. Rly.)], Saran District (Bihar).
100. Bharat Sugar Mills Ltd., Sidhwalia (O. T. Rly.), Saran District (Bihar).
101. Sasa Musa Sugar Works Ltd., Sasa Musa (O. T. Rly.), Saran District (Bihar).
102. The Vishnu Sugar Mills Ltd., Gopalganj (Nearest Rly. Station Harkhua), Saran District (Bihar).
103. S. K. G. Sugar Ltd., Hathua (O. T. Rly.), P. O. Miraganj, Saran District, Bihar.
- \*SR104. The Aska Sugar Works and Distillery, Aska [Nearest Rly. Station Berhampore (B. N. Rly.)], Ganjam District (Orissa).
- \*105. The Jaipur Sugar Co., Ltd., Rayagada (B. N. Rly.), Koraput District (Orissa).
106. Shree Radha Krishna Sugar Mills Beldanga, Murishidabad District, W. Bengal.
- \*107. Ramnugger Cane and Sugar Co., Ltd., Plassey, Nadia District, W. Bengal.
108. Rajluxmi Sugar Mills, Maitra Bagan Basirhat (B. B. L. Rly.), 24 Parganas District, W. Bengal.
109. All India Sugar Mills, Habra, 24 Parganas District, W. Bengal.
- SR110. The Vizagapatam Sugar and Refinery Ltd., Anakapalle (M. S. M. Rly.), Vizagapatam District, Madras Province.
- \*111. Etikoppaka Sugar Factory, Etikoppa (Nearest Rly. Station Narasapatam Road, Vizagapatam District, Madras Province.
112. Sri Rama Sugar Mills Ltd., Bobbili (B. N. Rly.), Vizagapatam District, Madras Province.
113. Sri Rama Sugar Mills Ltd., Sitanagram, Seethanagaram (B. N. Rly.), Vizagapatam District, Madras Province.
- \*114. K. C. P. Ltd., of Vuyyuru Sugar Factory, Vuyyuru, Bezwada (M. & S. M. Rly.), Kistna District, Madras Province.
115. Kirlampudi Sugar Mills Ltd., Kirlampudi, P. O. Keddapuram, East Godavari District, Madras Province.
- \*116. The Deccan Sugar and Akbari Co., Ltd., Samalkot (M. & S. M. Rly.) East Godavari District, Madras Province.
- SR117. Godavari Sugar and Refineries Ltd., Tanuku, West Godavari District, Madras Province.
- \*SR118. East India Distilleries and Sugar Co., Ltd., Nellikuppam (S. I. Rly.), South Arcot District, Madras Province.
- \*119. India Sugar and Refineries, Hospet (M. & S. M. Rly.), Bellary District, Madras Province.
- \*SR120. The Coimbatore Agro Industries and Manufacturing Society Ltd, Podanur (S. I. Rly.) Coimbatore District, Madras Province.
- \*121. Deccan Sugar and Akbari Co., Ltd., Puglaur Sugar Factory, P. O. Puglaur Sugar Factory, Puglaur (S. I. Rly.), Trichinapally District, Madras Province.
- \*122. Saswad Mali Sugar Factory Ltd., P. O. Malinagar, Kurduwadi (G. I. P. Rly.), Sholapur District, Bombay Province.
- SR123. Brihan Maharashtra Sugar Syndicate Ltd., Post Shreepur (Nearest Station Pandharpur) Sholapur District, Bombay Province.
124. Walchandnagar Industries Ltd., P. O. Walchandnagar, Poona, Bombay Province.
125. Ravalgaon Sugar Farm Ltd., Ravalgaon (Nearest Station Manmad), Nasik, Bombay Province.

- \*126. The Belapur Co., Ltd., Harigaon, (Nearest Station Belapur) Ahmednagar District, Bombay Province.
- \*127. The Maharashtra Sugar Mills, P. O. Tilaknagar, Belapur Road, Ahmednagar District, Bombay Province.
128. The Belvandi Sugar Farm Ltd., P. O. Belvandi Sugar Farm, Ahmednagar District, Bombay Province.
129. The Godavari Sugar Mills Ltd., Sakarwadi, (Nearest Station Kanhegaon (G. I. P. Rly.), Ahmednagar District, Bombay Province.
- \*130. The Somaiya Sugar Factory, Laxmiwadi *via* Kopergaon, Ahmednagar District, Bombay Province.
- \*131. Shree Changdeo Sugar Mills Ltd., P. O. Changdeonagar, Puntamba (G. I. P. Rly.) Ahmednagar District, Bombay Province.
132. Shree Yuvraj Sugar Mills Ltd., Jammu and Kashmir, (Nearest Station Pathankot) (E. P. Rly.), Ranbirsinghpura District, Kashmir State.
133. Jagatjit Sugar Mills Co., Ltd., Phagwara State, (E. P. Rly.), Kapurthala State (Patiala and East Punjab States Union).
- \*134. Mahalaxmi Sugar Mills Co. Ltd., Hamira (E. P. Rly.), Kapurthala State.
135. Raza Sugar Co. Ltd., Rampur State (E. I. Rly.), U. P.
136. Buland Sugar Co., Ltd., Rampur State (U. P.).
- \*R137. The Travancore Sugar and Chemicals Ltd., Thuckalay, Trivandrum (S. I. Rly.) Travancore State (South India).
- \*138. Pamba River Factory of Travancore Sugar & Chemicals Ltd., Tiruvalla (Nearest Station Kottarkara), Travancore State, South India.
139. Mysore Sugar Co., Ltd., Mandya (M. S. Rly.), Mysore State, South India.
- \*140. Kolhapur Sugar Mills, Kolhapur (M. S. M. Rly.), Kolhapur State, Bombay Province.
- \*141. Phaltan Sugar Works Ltd., Sakharwadi, (Satara District), Phaltan State, Bombay Province.
142. Krishna Sugar Mills Ltd., Kittur, [Nearest Station Shedbal & Kudchi] Miraj (Jr.) State, Bombay Province.
- \*143. The Ugar Sugar Works Ltd., Ugar Khurd (M. S. M. Rly.), Sangli State, Bombay Province.
144. The Jaora Sugar Mills, Jaora (B. B. & C. I. Rly.), Jaora State, Central India.
- \*145. Bhopal Sugar Industries Ltd., Sehore, Bhopal State, Central India.
146. Sri Lakshmi Narayan Sugar Works Ltd., Harapalpur (G.I.P. Rly.), Alipura State, Central India.
147. The Gwalior Sugar Co., Ltd., Dabra (G.I.P. Rly.), Gwalior State, Central India.
148. The Jiwaji Rao Sugar Co., Ltd., Dalanda, Mand Saur District, Central India.
149. Maharani Parbati Sugar Mills Ltd., Sarangpur (Nearest Station Bercha, (G.I.P. Rly.), Dewas (Jr.), Central India.
150. Seth Govindram Sugar Mills, Mehidpur Road, Holkar State, Central India.
151. Shree Vikram Sugar Mills, Aloti (Nearest Station Vikramgarh), Dewas State (Senior), Central India.
152. The Bikaner Industrial Corporation Ltd., Ganganagar (Bikaner State) Rajputana, Central India.
153. Mewar Sugar Mills Ltd., Bhupalsagar (Udaipur), Rajputana, Central India.
- \*154. Shree Bijai Sugar Mills, Bijainagar, Ajmer-Merwara District.
- \*155. The Nizam Sugar Factory Ltd., Shakarnagar, (Hyderabad Deccan).
156. The Salar Jung Sugar Mills, Munirabad, (Hyderabad Deccan).
- R157. The Amritsar Sugar Mills Co., Ltd., Amritsar. (E. Punjab).
- R158. Bajinath Balmakund Sugar Mills, Anwarganj (B.B. & C.I. Rly.), Kanpur District, U. P.
159. Experimental Sugar Factory, Nawabganj, (Nearest Rly. Station Rawatpur (B.B. & C.I. Rly.), (Kanpur District) U. P.
- R160. The Standard Refinery and Distillery Ltd., Unao, U. P.
- R161. Siwan Deshi Sugar Factory, Siwan, (Nearest Station Sawan (O. T. Rly.), (Saran District) Bihar.

- R162. Al. Vr. Sugar Mills and Distillery, Techanullur (Nearest Station Tinnevelly) (Tinnevelly District) Madras Province.
- \*R163. Lakshmi Sugar Mills, Near Laksmanatope, (Nearest Rly. Station Alwartirunagari) (Tinnevelly District) (Madras Province).
164. Murugappa Sugar Co., Ltd., Malipatti, (N. Arcot District) (Madras Province).
- \*165. Bhavnagar Sugar Mills Ltd., Dhole (Bhavnagar State), Kathiawar.
166. Padmini Sugar Mills, Deopani, (Sibsagar District) Kathiawar.

(b) *Sugar Mills' Associations.*

- \*1. Secretary, The Indian Sugar Mills' Association, 23-B, Netaji Subhas Road, Calcutta.
- \*2. Secretary, The South Indian Sugar Mills' Association, No. 1, North Beach Road, Madras.
3. Secretary, The Deccan Sugar Factories Association, Industrial Assurance Building, Opposite Church Gate Station, Fort, Bombay.
4. Secretary, The Bihar Sugar Mills' Association, Post Box 3, Patna (Bihar).
5. Secretary, The Bengal Sugar Mills' Association, 8, Dalhousie Square, Calcutta.
6. Secretary, The Indian Sugar Producers' Association, C/o. M/s. Begg Sutherland & Co., Ltd., Sutherland House, Kanpur.
7. Secretary, Madhya Bharat Sugar Mills' Association, 46, Jail Road, Indore City.
- \*8. Secretary, The Indian Sugar Syndicate Ltd., 7/33, Tilaknagar, Kanpur.
- \*9. Secretary, Eastern Group of Sugar Factories, U. P., C/o. The Indian Sugar Mills' Association (Gorakhpur Branch), Golghar, Gorakhpur, U. P.

(c) *Khandsari and Gur Manufacturers' Associations*

1. Secretary, Khandsari Sugar Manufacturers' Association, Alamgiriganj, Bareilly, (U. P.)
2. Secretary, Khandsari Sugar Manufacturers' Association, Shahjahanpur, (U. P.)
3. Secretary, Khandsari Dealers' Association, Kaimganj, Farrukhabad, (U. P.)
4. Secretary, Gur and Khandsari Manufacturers' Association, Pilibhit, (U. P.)

(d) *Cane Growers*

1. Khan Sahib Sheikh Nasirur Rehman Kidwai, Baragaon Co-operative Marketing Union Ltd., Baragaon, Barabanki District, (U. P.)
2. Mr. Balai Chand Saha, Director, Nuddea Farms Ltd., Santipur, (West Bengal).
3. Mr. W. D. Chitale, Member, Indian Central Sugarcane Committee, Chitalenagar, Sholapur District, (Bombay Province).
- \*4. Mr. R. Venkatasubba Reddiar, B.A., B.L., Member, Indian Central Sugarcane Committee, Tindivanam, South Arcot District, South India.
5. Thakur Phool Singh, M.L.A., Vakil Saharanpur, (U. P.)
6. Mr. Har Sahai Gupta, M.L.C., Shankar Agricultural Farm, Bilari, Moradabad District (U. P.)
- \*7. Mr. Dip Narayan Sinha, M.L.A., Purantand, P.O. Bhagwanpore, Muzaffarpur District, (Bihar).
8. Mr. Raghunath Singh Kiledar, M.A., Bhugwara, P.O. Kareli, Tehsil Narasinghpur.
9. Sardar Jogindra Singh, P.O. Dhungaha, Bahraich District, (U. P.)
10. Mr. Nand Kishore Das, P.O. Soro, Balasore District.
- \*11. Dr. R. Nagan Gowda, Ph. D. (Agr.), Hospet P.O., Bellary District, (Madras Province).
12. Dr. Punjabrao Shamrao Deshmukh, Amraoti, C.P.
13. Mr. Thirumal Raw, 19, Pethapuram Nagar, Teynampet, Madras.
- \*14. Mr. Gauri Shankar Singh, Village Bhagwanpur, P.O. Bridegemanganj, Gorakhpur District, (U.P.)
- \*15. Mr. Jhulan Sinha, M.L.A., Village Hajipur, Patna.
16. Chowdhury Dalika Prasad Roy, Dumraon, Shahabad District, (U.P.)
17. Mr. Anirudh Singh, President, District Sugarcane Committee, Darbhanga, (Bihar).

- \*18. Swami Sahajanand Sarswati, P.O. Bhita, Patna.
19. Mr. Bhubaneshwar Prasad Singh, P.O., Birsingpur, Deorhi District, Darbhanga, (Bihar)
20. Mr. Shyam Nandan Sahay, M.L.A., Sahay Bhawan, Muzaffarpur, (Bihar).
21. Mr. Bhup Narain Singh, P.O. Ramnugger, Motihari District, (Bihar).
22. Mr. Nand Kishore Narain Lal, M.L.A., P.O. Siwan, (Bihar).
23. Ch. Raghbir Singh Verma, Managing Director, Co-operative Bank, Dehra Dun.
24. Ch. Virendra Varma, B.A., Chairman, District Board, Muzaffarnagar, (U.P.).
25. Ch. Ram Singh, B.Sc., Farmer, P.O. Kukr Gola, Kheri.
26. Mr. D. Shyam Behari Lal, Bilwa Farm, P.O. Bhojseepura, Bareilly, (U.P.)
27. Manager, Prag Farm, Kichekha, Nainital District, (U.P.)
28. Raja Sahib Mankapur, Gonda District, (U.P.)
29. Pt. Surendra Pd Dube, Baragaon, Bhatpar Rais, Deoria, (U.P.)
30. Mr. Altaf Husain, Sugarcane Farm-owner, Gorakhpur, (U.P.)
31. Mr. G. N. Nagappa Gounder B.A., B.L., Managing Director, "Agri-Industries", Podanur, South India.
32. Mr. P. S. Ramchandra Iyer, Nanjaipugalur Sugar Factory, Post *Via* Pugalur, R.S., South India.
33. Mr. R. Devaraja Reddy, Mailpatti, North Arcot District South India.
34. Mr. Ch. Parasurama Naidu, B.A., B.L., Parvathipur, Vizagapatam District, (Madras Province).
- \*35. Mr. C. S. Sudarsana Raju, Ettikoppakka, South Vizagapatam District, (Madras Province).
- \*36. Mr. K. Sundararajan, B.Sc., (Agr.), Landlord, Kulitalai, Tiruchirapalli District, South India.
37. Mr. W. P. A. Sundara Pandia Nadar, Pattiveerampatti, Madura District, South India.
38. Mr. S. R. Thiruvencataswamy Naidu, Singarallur, P.O., Coimbatore, S. India.
39. Mr. C. S. Rathnasabapathy Mudaliar, (Director, Podanur, Samalkot and Medura Mills), Coimbatore, S. India.
40. Mr. Polakala Ramchandra Reddy, Chittoor, Chittoor District, (Madras Province).
41. Mr. V. Venkata Reddy, Sodam P.O., Chittoor District, (Madras Province).
- \*42. Mr. S. N. Venkatesa Iyer, B.A., B.L., Opposite Collector's Office, Coimbatore, South India.
43. Janab Mahommed Sheriff, Joint Secretary, South Arcot Sugarcane Association, Nellikuppam, South Arcot District, South India.
44. Mr. Thota Ramaswamy Garu, Kirlampudi, East Godavari District, (Madras Province).
45. Mr. P. L. Narasimha Raju, Vizianagaram, (Madras Province).
46. Mr. A. Lakshminarayan Reddiar, Landlord, Palur P.O., Nellikuppam P.O., South Arcot District, (Madras Province).
- \*47. Mr. S. Palaniswamy Nayanar, Secretary, South Arcot Sugarcane Growers' Association, Nellikuppam, South Arcot District, Madras Province.
48. Mr. M. R. Rajgopala Iyengar, President, Karur Marketing Society, Karur Taluk, Trichinapalli District, (Madras Province).
- \*49. Mr. Suresh Chandra, P.O. Usha Farm, Kheri District, (U.P.)

(e) *Sugarcane Growers' Associations*

- \*1. President, South Indian Sugarcane Growers' Association, 00, Godown Street, G. T. Madras.
2. President, Travancore Sugarcane Growers' Association, Tiruvalla, (United State of Travancore and Cochin).
3. Pugalur Sugarcane Growers' Association, Trichirapalli District, South India.
4. South Arcot Sugarcane Growers' Association, Nellikuppam, South Arcot District, (S. India).
5. Sugarcane Growers' Association, Hospet, Bellary District, (South India).

6. Sugarcane Growers' Association, Nanjapugalur, Trichirapalli District, (South India).
7. Co-operative Sale & Marketing Society, Anakapalle, (S. India).
8. Co-operative Marketing Society, Karur, Trichirapalli District, (S. India)

(f) *Sugar Merchants.*

1. Mr. Daya Ram, C/o M/s. Matadin Bhagwandas, Shakkarpatti, Kanpur.
- \*2. Mr. Ganga Shankar Pandey, Nayaganj, Kanpur.
- \*3. Mr. Durga Dutt Kanodia, C/o M/s Mussaddilal Durgadutt, Lala Matadin Street, Kanpur.
4. Mr. Rameshwardayal, C/o M/s Ramdass Sheonarain, Collectorganj, Shakkarpatti, Kanpur.
- \*5. Seth Maneklal Ujamshi, 93/95, Kazi Syed Street, Bombay.
6. Mr. Bhimraj Somani, C/o Ramlal Kanbanjilal, Kooch Bihar.
7. Mr. Radhakrishna Mehta, Ghee Bazar, Bikaner, (Rajputana).
8. Parsaram Parumal & Co., Khand Bazar, Bombay.
9. Parikh & Co., C/o M/s Hardayal Nevatia, 225, Kalbadevi Road, Bombay-2.
- \*10. Mr. Matadin Khaitan, 2, Doyehatta Street, Calcutta-7.
11. The Sugar Agents Ltd., 7, Ramakumar Rakhit Lane, Calcutta.
12. Nathmal Tularam, P.O. Dhukri, (Assam).
13. Dutt and Co., Laiturlukhrah, P.O. Shillong, (Assam).
14. Tandon Bros., New Mandi, Muzaffarnagar, (U.P.).
15. Kalkar Pd. Hardeo Dass, Atwari Bazar, Nagpur.
- \*16. Adam Haji Peer Mohomed Essack, 123, Kazi Syed Street, Bombay-3.
17. Mr. J. S. Bhat, General Manager, Seksaria Sugar Mills, Bhabnan, (U.P.)
- \*18. Rao Saheb Gurumalappa Rudrapa Kothiawala, Shahpuri, Kolhapur.
19. Managing Director, Sundarajan & Co., Ltd., 221, Govindappa Naik Street, Post Box No. 1558, Madras-1.
- \*20. T. M. M. Thanikodi Nadar & Sons., Merchants, Viradhunagar, (South India).
21. Mr. Ram Saran Das Chopra, Stock and Share Broker, 905, Lala Lajpat Rai Market, Chandni Chowk, Delhi.
22. Adam Hajee Peer Mohomed Essack, Merchants, Beach Road, Calicut, (South India.)
23. G. M. Oka & Co., 180, Budhwar Peth. Laxmi Road, Poona-2.
24. Parasram Parumal & Co., Sole Selling Agents, Indian Sugar Mills, Kali Kunti Road, Jalna, (N.S. Rly.)
25. Manseta & Bros., P.O. Box No. 2225, 165, Lohar Chawl, Bombay-2.
26. Gur Saran Das Kapur & Sons, Sugar Agents & Merchants, Kanpur.
27. Pt. Durga Shankar Dixit, C/o Ganesh Prasad Durga Shankar, Shakkarpatti, Kanpur.
28. Mr. C. L. Nevatia, C/o M/s. Hardayal Nevatia, Shakkarpatti, Kanpur.
- \*29. Mr. Hardayal Nevatia, Sugar Merchants, 226, Kalbadevi Road, Bombay.
- \*30. Mr. Gopi Krishna Mohta, B.Com., B.L., 23, Moti Building, Collectorganj, Kanpur.
- \*31. Mr. Maneklal Harilal Parikh, Nayaganj, Kanpur.
32. Mr. Jai Dayal of M/s Jaidayal Pyarelal, Shakkarpatti, Kanpur.
33. Mr. Ramjasmall Sheo Prasad, Wholesale Sugar Dealer, Bhiwani.
34. Mr. Prem Nath Sahgal, C/o Sahgal Brothers, Fatanganj, Jullunder.
35. Mr. Kishen Chand, C/o Dumichand Kishenchand, Dhabbasti Nivas, Amritsar.
36. Mr. G. J. Patram, C/o Pairesing Balkrishna, Amritsar.
37. Mr. Ratanji Veerpal, Khand Bazar, Bombay.
38. Narain Prasad Sooraj Bhan, Belanganj, Agra.
39. Purshottamdas Girrajdharan, Sugar Merchants & Agents, Mathura.
- \*40. Khatumal Gujjarmal, Kaiserganj, Meerut.
41. Bird & Co., 74, Queensway, New Delhi.
42. Mr. Khushiram Gupta, B.A. (Hons.), Grain Market, Ambala.

43. Amerchand Baijnath, Fatonganj, Jullundur City.
44. Tandon Brothers, Bagh Jhanda Singh, Amritsar.
- \*45. Nanjee Shamjee & Co., C/o M/s Hardayal Nevatia, 226, Kalbadevi Road, Bombay-2.
- \*46. Melha & Co., Near Tapeshwari Devi, Kanpur.
- \*47. Gour Brothers, Kishorai Ghat, Patna.
- \*48. Chandulal Chunnilal Gandhi & Co., Sugar Merchants & Commission Agents, 5, Moti Bhawan, Collectorganj, Kanpur.
- \*49. Mr. Chandrakhar Rupchand, Belapur Road, Shrirampur, (Bombay Province).
- \*50. S. K. Somaiya, C/o M/s. Hardayal Nevatia, 226, Kalbadevi Road, Bombay.
- \*51. Mr. Govardhandas Vallabhdas, 244, Walkeshwar Road, Bombay.
- \*52. Siremal Chauripa, Khajuri Bazar, Indore City.
- \*53. Jayantilal D. Mehta, Sugar Broker, A 48, Tarabaug Estate, Charai Road, Bombay-4.

(g) *Sugar Merchants' Associations, Chambers of Commerce and Other Bodies.*

- \*1. Secretary, Kanpur Sugar Merchants' Association, 51/57, Shakkarpatti, Collector-Ganj, Kanpur.
- \*2. Secretary, Bombay Sugar Merchants' Association, 104/114, Frere Road, Bombay-9.
- \*3. Secretary, Bengal Sugar Merchants' Association, 161, Harrison Road, Calcutta.
- \*4. Secretary, Madras Memon Merchants' Association, 24, Davidson Street, G. T., Madras.
5. Secretary, Tanjore District Merchants' Association, East Gate, Tanjore.
- \*6. Secretary, Kanpur Gujrati Merchants' Association, Nayaganj, Kanpur.
- \*7. Secretary, Kanpur Sugar Brokers' Association, Kanpur.
8. Secretary, Madras Chamber of Commerce, Dare House, G. T., Madras.
- \*9. Secretary, Southern India Chamber of Commerce, "Indian Chamber Buildings" 28-30, North Beach Road, Madras.
10. Secretary, Muslim Chamber of Commerce, 22, Broadway, Madras.
- \*11. Secretary, Andhra Chamber of Commerce, Angappa Naick Street, Madras.
12. Secretary, Hindustan Chamber of Commerce, 11/12, Car St., China Bazar Road, Madras.
- \*13. Secretary, Tamil Chamber of Commerce, 2, Vaniyar Street, Madras 1.
14. Secretary, Federation of the Indian Chambers of Commerce and Industry, Scindia House, Curzon Road, New Delhi.
- \*15. Secretary, West Coast Industrialists' Association, Malabar and Pioneer Hosiery, Chalapuram P. O., Calicut.
- \*16. Hon. Secretary, Sugar Shippers' and Buyers' Association, C/o Parekh and Co. General Assurance Building, Hornby Road, Bombay 1.
- \*17. Secretary, National Chamber of Industries and Commerce, Belanganj, Agra.
18. Secretary, Madras Chamber of Agriculture, 14/31, Eldams Road, Teynampet, Madras.

(h) *"Gur and Jaggery Merchants".*

1. Mr.. Chitale and Co., Western India House, Sir Pherozshah Mehta Road, Bombay
- \*2. Mr. Rao Bahadur G. G. Shembekar, Baramati (Bombay Province).
3. Mr. Rambilas Shivdas Phopale, Sugar Jaggery Merchant, Shrirampur (Belapur Road) Ahmednagar District.
4. Mr. Bhagchand Tarachand, Grain and Seed Merchants and Commission Agents, Bhagalkote.
- \*5. Mr. Rao Sahib Guru Malapa Rudrapa Kothiwale, Shahpuri, Kolhapur.
6. Mr. N. T. Palaniappa Mudaliar & Sons, Jaggery Merchants, Alamarathu Street, Karur, (S. India).
7. Mr. Haji Jammal, Vizianagaram, Vizagapatam District, (Madras Province).
8. Mr. Polakala Ramachandra Reddy, Chittoor, Chittoor District, (Madras Province).

*(i) Gur and Jaggery Merchants Association.*

1. Secretary, Bombay Gur Merchants' Association, Modi Bazar, Mandvi, Bombay.
2. Secretary, Bombay Jaggery Merchants' Association, Bhat Bazar, Bombay 9.

*(j) Power Alcohol Distilleries*

- \*1. Daurala Distillery and Chemical Works, Daurala, Meerut District (U. P.).
- \*2. Narang Industries, Ltd., P. O. Sugar Factory, Nawabganj (O. T. Rly) Gonda District (U. P.).
3. Ajudhia Distillery & Sugar Mills, Ltd., P. O. Raja-ka-Sahaspur, Moradabad District (E. I. Rly.) (U. P.).
- \*4. Simbhaoli Distillery and Industries, Ltd., Simbhaoli, P. O. Bhaksar, Meerut District, (U. P.).
- \*5. The Shankar Distillery and Chemical Works, Ltd., P. O. Captaingani (O. T. Rly), Deoria District, (U. P.).
6. Rampur Distillery and Chemical Works, Ltd., Rampur, Bijnor District (U. P.).
- \*7. Government Central Distillery, Nasik Road, (Bombay Province).
- \*8. East India Distilleries and Sugar Factories, Ltd., Nellikuppam (S. I. Rly.), South Arcot District (Madras Province).
- \*9. Russa Distillery, Tollygunje, Calcutta.
10. Hindustan Distillery and Sugar Mills, Ltd., Golagokaranath (O. T. Rly.), Kheri District, (U. P.).
11. Oudh Distillery and Sugar Mills, Ltd., Hargaon (O. T. Rly), Sitapur District (U. P.).
12. The Kesar Distillery and Sugar Works, Ltd., Baheri (O. T. Rly.), Barsilly District (U. P.).
- \*13. Shamli Distillery and Chemical Works, Shamli, (S. S. L. Rly.) Muzaffarnagar District, (U. P.).
14. Saraya Distillery, Sardarnagar (O. T. Rly.), Gorakhpur District, (U. P.).
15. Kanpur Distillery and Sugar Works, Ltd., Marhowrah Factory, Marhowrah (O. T. Rly.), Saran District (Bihar).
16. Walchandnagar Industries, Ltd., P. O. Walchandnagar, Poona, (Bombay Province).
17. The Deccan Sugar and Abkari Co., Ltd., P. O. Pugalur District, Trichirapalli (S. India).
18. United Distillery, Calcutta.
19. Aska Distillery and Sugar Works, Aska (B. N. Rly.) Ganjam District (Orissa).
20. Mysore Distillery and Sugar Co. Ltd., Mandya (M. S. M. Rly.) Mysore State (South India).
- \*21. Travancore Sugars and Chemicals, Ltd., Nagercoil Distillery, Nagercoil, Travancore (South India).
22. Al. Vr. St. Sugar Mills and Distillery, Tachanallur (S. I. Rly.), Tinnevely District (Madras Province).
23. Bengal Distillery, Konnagar (Bengal).
24. Nizam Distillery and Sugar Factory, Ltd., Shakarnagar (Hyderabad State).
25. Standard Refinery and Distillery, Ltd., Unao (E. I. Rly. and O. T. Rly.), Unao District (U. P.).
- \*26. Central Distillery and Chemical Works, Ltd., Meerut Cantonment (U. P.).

*(k) Labour Unions.*

- \*1. Indian National Sugar Mill Workers' Federation, 11/39, Gwaltoli, Kanpur.
2. General Secretary, Ravalagaon Sugar Farm Workers' Union, P. O. Ravalagaon, Nasik District, (Bombay Province).
3. General Secretary, Bhopal Sugar Industries Employees and Workers' Union, Bara Bazar, Sehore (C. P.).
- \*4. Secretary, Shree Rama Sugar Mills Employees' Union, Bobbhli and Seethanagaram, Bobbhili, (South India).

- 5 General Secretary, Ramnugger Cane and Sugar Co., Ltd., Employees' Union, Plassey, P. O. Plassey, Nadia District, (West Bengal).
- \*6. Prof. Shibbanlal Sexena, M.A., M.C.A., U. P. and Bihar Chini Mill Mazdoor Federation, Lucknow (U. P.).
7. Mr. Damodar Swaroop Seth, President, All India Sugar Workers' Federation, Lucknow (U. P.).
8. General Secretary, Mysore Sugar Co. Employees' Association, Mandya (Mysore State).
- \*9. General Secretary, Motipur Sugar Factory Mazdoor Union, P. O. Motipur (Muzaffarpur District), (O. T. Rly.) (Behar).

## (1) Consumers.

- \*1. Sathe Biscuits and Chocolate Co., Ltd., 820, Bhawani Peth, Poona 2.
- \*2. G. G. Chocolate Factory, Agra.
3. Pure Products and Madhu Canning, Ltd., 12, Bell Lane, N. M. Wadia Building, Opp. University Gardens, Post Box 270, Fort, Bombay.
- \*4. D. D. Writer and Co., Bhawani Shankar Road, Dadar, Bombay 14.
- \*5. Parry and Co., Ltd., Dare House, P. Box 12, G. T. Madras.
- \*6. Corn Products Co. (India) Ltd., P. O. Box No. 994, Bombay.
7. Hind Laboratories, Ltd., 217/19, Shivaji Park, North End, Cadell Road Junction, Bombay.
8. D. & P. Products, 72, Palidanda Road, Bandra, Bombay.
9. Time Products Ltd., Hindustan Building, 31-4, Rashmoni Road, Calcutta.
10. India Collective Farms, Ltd., 15, Clive Street, Calcutta.
11. Bengal Collective Industries and Farms, Ltd., 56, Bentinck Street, Calcutta.
12. Bengal Canning and Condiment Works, Ltd., 15, Clive Street, Calcutta.
- \*13. India Fruits Ltd., Kadium (East Godavari Dist.) (Madras Province).
14. Indian Canning Industries, Ltd., Vijayawada (Madras Province).
15. Pal's Fruits Products (India), G. T. Road, Amritsar.
- \*16. Glacier Products (India), Pathankote (East Punjab).
17. Kuldip Fruits Preserving Co., Kuldip Nagar, Ambala Cantonment.
18. Teg Products, Sahadur Gardh Fruits Farms, Patiala.
- \*19. Rovenscroft Ltd., Raj Bagh, Srinagar (Kashmir State).
20. Bharat Refrigeration Corporation, Ltd., Anjan Ambala Road, Nagpur.
21. Central Hindustan and Orange and Cold Storage Co., Ltd., Nagpur.
22. Rathudi Fruits Preserving Factory, Gorakhpur Road, Jubbulpore.
23. Northland Industries, Paharganj, New Delhi.
24. Himalayan Fruits Industries, Ltd., Khari Baoli, Delhi.
25. Narula and Co., Ltd., Cannought Place, New Delhi.
- \*26. Shreekissen Dutt Co., 128, Middle Road, Entally, Calcutta 14.
27. Saraswati Food Products, P. O. Abdulapur, Jagadhari.
28. The Bombay Lisa Sugar Works, Miraj.
29. Mr. Himmatlal Jagjiwan, 20, Laburnam Road, Bombay 7.
- \*30. Mr. Ganga Sahal Chaubey, M.L.A., 40/121, Topkhana Bazar, Parade, Kanpur (U. P.).
- \*31. Bosotto Brothers, Ltd., Mount Road, Madras.
32. Proprietor, Modern Cafe, 4, Thambu Chetty Street, G. T. Madras.
- \*33. Mr. Ramnathan Iyer, Proprietor, Ramakrishna Lunch House (Y. M. C. A.), Esplanade, G. T. Madras.
34. Managing Director, Spencer and Co., Ltd., Mount Road, Madras.
- \*35. Manager, Harrison and Co., 168, Broadway, Madras.
36. Proprietor, Mysore Cafe, 178-179, China Bazar, Madras.
37. Proprietor, "Woodlands", 2, Westcott Road, Madras.
- \*38. R. Ramson and Co., 226, Poonamalle High Road, Madras 3.



*(m) Consumers Association.*

1. Secretary, Consumers' Co-operative Stores, P. O. Pathsala, District Kamrup, (Assam).
2. The Consumers' Association, C/o M. L. Gupta & Co., Chartered [Accountants, Mahatma Gandhi Road, Kanpur.
- \*3. Indian Confectionery Manufacturers' Association, 102-A, Netaji Subhas Road, Calcutta 1.
4. Fruits Preserver's Co-operative Society, Ltd., 86, Himatganj, G. T. Road, Allahabad.
- \*5. All India Food Preservers' Association, 128, Middle Road, Calcutta.
- \*6. President, U. P. Fruit Products Manufacturers' Association, G. G. Industries, P. O. Agra.
- \*7. Synthetic Syrups and Home Industry Food Products Association, 576, Chira Bazar, Bombay.
- 8 Madras Hotels Association, 289, Netaji S. C. Bose Road, Madras.
- \*9 Madras Mohommeden Hotels' Association, 2/21, Ellis Road, Mount Road, Madras.

*(n) Other Persons representing different Interests.**(i) Members of the Constituent Assembly (Legislative), Indian Union.*

- 1 Mr. M. Ananthasayanam Iyengar, M.C.A., Constituent Assembly, New Delhi.
- 2 Mr. Bishwanath Das, M.C.A., Constituent Assembly, New Delhi.
- 3 Mr. Prabhudayal Himatsingka, M.C.A., Constituent Assembly, New Delhi.
- 4 Mr. Khandubhai Desai, M.C.A., Constituent Assembly, New Delhi.
- 5 Mr. Ram Narain Singh, M.C.A., Constituent Assembly, New Delhi.
- 6 Dr. P. S. Deshmukh, M.C.A., Constituent Assembly, New Delhi.
- 7 Mr. Hossain Inam, M.C.A., Constituent Assembly, New Delhi.
- 8 Mr. Thirumula Rao, M.C.A., Constituent Assembly, New Delhi.
- \*9 Mr. R. K. Sidhva, M.C.A., Constituent Assembly, New Delhi.
- 10 Mr. Laxminarayan Sahu, M.C.A., Constituent Assembly, New Delhi.
- 11 Mr. Rohini Kumar Chaudhari, M.C.A., Constituent Assembly, New Delhi.
- 12 Mr. B. P. Jhunjhunwala, M.C.A., Constituent Assembly, New Delhi.

*(ii) Others.*

- 1 Secretary, Deccan Sugar Technologists Association of India, Sakharwadi (Satara).
- \*2 Dr. K. C. Banerji, Sugar Technologist, Clyde Road, Lucknow.
- 3 Mr. R. P. Sanghi, C/o Shankar Sadan, New Hyderabad, Lucknow.
- 4 Dr. Radha Kamal Mukerji, head of the Department of Economics, Lucknow University, Lucknow.
- 5 Mr. D. R. Puri, Proprietor, Saraswati Machinery Manufacturers Association, Abdulpur, E. Punjab.
- 6 Mr. M. D. Shirodkar, Vainateya Office, Savantwadi.
- 7 Mr. G. H. Sarda, 99, Narayan Peth, Poona 2.
- 8 Mr. G. V. Gokhale, Post Office, Sangli, Sholapur District.
- 9 Mr. Ainapurapu Satyaranarao, Kothawari Lane, Temple Street, Kakinada.
- 10 Mr. Shah Gangaram Raoji, Takari Karad (M. S. M. Rly.).
- 11 M/s Shah Mohanlal Hansraj Co., 23A, Ganesh Peth, Poona 2.
- 12 Mr. R. P. Chitale, 196/76, Sharda Vihar, Tilak Road, Poona 2.
- 13 Prof. R. N. Kaul, Prof. of Botany, Agricultural College, Kanpur.
- 14 Mr. G. K. Naha, Gauhati, Assam.
- 15 Mr. B. L. Mudgal, Press Correspondent, Kolti Gate, Hapur.
- \*16 Prof. M. P. Gandhi, M.A., F.R.E.S., F.S.S., J.P., Jan Mansions, Sir Pherooshah Mehta Road, Fort, Bombay.
- 17 Mr. R. C. Srivastva, B.Sc., Naval Niwas, Civil Lines, Kanpur.

18. Mr. G. K. Bhopatkar, Indra Nivas, 1206 A/26, Shivaji Nagar, Opposite Shivaji Park, Poona 4.
19. Mr. K. Subba Raju, B.Sc. (Hons.), M.B.B.S., Member, Indian Central Sugarcane Committee, Anakapalle, Vizagapatam District (M. S. M. Rly.).
- \*20. Mr. J. Satyanarayana, M.A., Secretary, Andhra Chamber of Commerce, Madras 1.
- \*21. Mr. U. K. Oza, B.A., National House Annexe, 3rd Floor, 6, Tullock Road, Appollo Bunder, Fort, Bombay.
- \*22. Mr. B. N. Sarkar, O.B.E., Retired Director of Agriculture, P. O. Kadamkuan Patna (E. I. Rly.).
- \*23. Rao Bahadur Sir T. S. Venkataraman, Kt., C.I.E., D. Sc., Formerly Sugarcane Expert, Government of India, Thyagarayanagar, Madras 17.
- \*24. Prof. G. D. Agarwal, Assistant Professor of Agricultural Economics, Government Agricultural College, Kanpur.
- \*25. Mr. C. M. Kothari, M.L.A., Sheriff of Madras, Oriental Buildings, Armenian Street, Madras.
26. Mr. S. Ramaswamy Naidu, Mayor, Corporation of Madras, Park Town, Madras.
- \*27. Dr. R. Balakrishna, M.A., Ph.D. (Lond.), Professor of Economics, University of Madras, University Buildings, Madras.
- \*28. Dr. Poduval, University of Madras, University Buildings, Madras.

(o) *All-India Organisations and Institutions.*

- \*1. Secretary, Indian Central Sugarcane Committee, 3, Pusa Road, New Delhi.
- \*2. Director, Indian Institute of Sugar Technology, Kanpur.
- \*3. Director, Indian Agricultural Research Institute, New Delhi.
- \*4. Secretary, Council of Scientific and Industrial Research, 'P' Block, Raisina Road, New Delhi.
- \*5. Director, Indian Standards Institution, Block, 11, Old Secretariat, Delhi 2.
- \*6. Secretary, Sugar Technologists' Association of India, H.B.T.I. Building, Nawabganj, Kanpur.
- \*7. Secretary, Industrial and Power Alcohol Distilleries Association, 7/33, Tilak Nagar, Kanpur.

(p) *Central, Provincial and State Governments.*

- \*1. Deputy Development Officer (Power Alcohol), Director General of Industries and Supplies, Shahjehan Road, New Delhi.
- \*2. Government Sugarcane Expert, Coimbatore Sugarcane Station, Lawley Road, P.O., Coimbatore (S. India).
- \*3. Palm Gur Adviser to the Government of India, Ministry of Agriculture, New Delhi.
- \*4. Agricultural Commissioner with the Government of India, Indian Council of Agricultural Research, 'P' Block, Raisina Road, New Delhi.
5. Agricultural Marketing Adviser with the Government of India, New Delhi.
- \*6. Secretary, Indian Council of Agricultural Research, 'P' Block, Raisina Road, New Delhi.
- \*7. Chief Secretary to the Government of Bombay, Bombay.
- \*8. Chief Secretary to the Government of Madras, Madras.
- \*9. Chief Secretary to the Government of C. P. and Berar, Nagpur.
- \*10. Chief Secretary to the Government of West Bengal, Calcutta.
11. Chief Secretary to the Government of Assam, Shillong.
- \*12. Chief Secretary to the Government of Orissa, Cuttack.
- \*13. Chief Secretary to the Government of Bihar, Patna.
- \*14. Chief Secretary to the Government of East Punjab, Simla.
- \*15. Chief Secretary to the Government of the United Provinces, Lucknow.
- \*16. Chief Secretary to the Government of Madhya Bharat Union, Gwalior.
- \*17. Chief Secretary to the Government of the United State of Saurashtra, Rajkot.
- \*18. Chief Secretary to the Government of the United State of Travancore and Cochin, Trivandrum.

19. Chief Secretary to the Government of the Rajasthan Union, Jaipur.
- \*20. Chief Secretary to the Government of the Patiala and East Punjab States Union Patiala.
21. Chief Secretary to the Union of Vindhya Pradesh, Rewa.
- \*22. Chief Secretary to the Government of His Highness the Maharaja of Mysore, Bangalore.
23. Chief Secretary to the Hyderabad Government, Hyderabad (Deccan).
- \*24. Chief Commissioner, Government of Bhopal, Bhopal.
25. Chief Secretary to the Union of Himachal Pradesh, Simla.
26. Chief Commissioner of Delhi, Delhi.
- \*27. Chief Commissioner, Ajmer-Merewara, Ajmer.
- \*28. Chief Commissioner, Coorg (South India).
- \*29. Sugarcane Specialist, Pusa, Bihar.
- \*30. Cane Commissioner, United Provinces, Lucknow.
- \*31. Cane Commissioner, Bihar, Patna.
32. Cane Commissioner, East Punjab, Jullundur.
- \*33. Director, Central Sugarcane Research Station, Shahjahanpur.
- \*34. Sugarcane Specialist, Sugarcane Research Scheme, Padegaon (Bombay).
- \*35. Secretary to the Government of Bihar, Development and Employment Department, Patna (Bihar).
- \*36. Secretary to the Government of the United Provinces, Industries Department, Lucknow.
37. Sugarcane Specialist, Sugarcane Research Station, Gudiyattam (Madras Province).
38. Sugarcane Specialist, Sugarcane Research Station, Anakapalle (Madras Province).
39. Sugarcane Specialist, Sugarcane Research Station, Jorhat (Assam).
- \*40. Director of Agriculture, Assam, Shillong.
- \*41. Chairman, Sugar Commission, U. P. and Bihar, Kanpur.
- \*42. Mr. S. Dikshit, Registrar, Co-operative Societies, Lucknow.
- \*43. Mr. J. Mahapatra, M.A., Registrar of Co-operative Societies, Orissa, Cuttack.

(g) *Indian Government Trade Representatives abroad.*

- \*1 Indian Government Trade Commissioner, India House, Aldwych, London W.C. 2, England.
- \*2 Commercial Secretary, Embassy of India, 7, Avenue Kleber, Paris-1 XVIe, France.
- \*3 Commercial Secretary, Embassy of India, 62, Avenue Franklin Roosevelt, Brussels, Belgium.
- \*4 Economic Adviser, Indian Military Mission, 503-505, Sprinkelhof, 609 HQ CCG (BE), Hamburg, BAOR 3.
5. Commercial Secretary, Embassy of India, Thunovska 22, Prague III, Czechoslovakia.
6. Commercial Secretary, Legation of India, 18, Jungfraustrasse, Berne, Switzerland.
7. Commercial Secretary, Embassy of India, Via Lovanio, 24, Rome, Italy.
- \*8. Consul General of India in New York, 3, East, 64th Street, New York 21, N.Y.
- \*9. Commercial Secretary, Embassy of India, Lavalle, 462, Buenos Aires, Argentine.
- \*10. First Secretary, Embassy of India, Chancery, Rua Baras Flamengo, 16-22, Rio de Janeiro, Brazil.
- \*11. Indian Government Trade Commissioner, Royal Bank Building, Toronto, Canada.
- \*12. Indian Government Trade Commissioner in Australia and New Zealand, Prudential Building, 39-49, Martin Place, Sydney, Australia.
- \*13. Indian Government Trade Commissioner in Pakistan, Chartered Bank Chambers, McLeod Road, Karachi.
- \*14. Assistant Indian Government Trade Commissioner, 8, Gopikrishna Lane, P.O. Warf Lane, Dacca, East Pakistan.
15. Commissioner General for Economic and Commercial Affairs of the Government of India in Europe, 7, Avenue Kleber, Paris, XVIe, France.
- \*16. Consul General of India in Batavia, Batavia, Indonesia.

## (r) Trade Representatives of Foreign Governments in India.

- \*1. American Consul General, Construction House, Wittet Road, Ballard Estate, Bombay.
2. U. K. Senior Trade Commissioner in India, Eastern House, Mansing Road, New Delhi.
- \*3. U. K. Trade Commissioner in India, Menkwa Building, Outram Road, P. O. Box No. 815, Bombay.
- \*4. Australian Government Trade Commissioner in India, Menkwa Building, Outram Road, Fort, P.B. No. 217, Bombay.
- \*5. Commercial Secretary, Office of the High Commissioner for Canada, 4, Aurangzeb Road, New Delhi.
- \*6. Commercial Secretary for Canada, Gresham Assurance House, Mint Road, P. O. Box No. 826, Bombay.
- \*7. Commercial Counsellor, Embassy of the Czechoslovak Republic in India, Yusuf Building, 43, Mahatma Gandhi Road, G. P. O. Box No. 966, Bombay I.
8. Commercial Counsellor to the French Embassy, 'Adslphi' Building, 4th Floor, 3, Queens Road, Bombay.
9. Hungarian Trade Commissioner, P. O. Box No. 1240, Bombay I.
- \*10. Commercial Secretary, Italian Embassy in India, 17, York Road, New Delhi.
11. Commercial Secretary, Royal Netherlands Embassy, 14, Churchgate Street, P. O. Box No. 260, Bombay.
12. Trade Agent for the U. S. S. R. in India, 4, Camac Street, Calcutta.
13. Representative of the Republic of Indonesia in India, 14, Aurangzeb Road, New Delhi.

## APPENDIX XVII.

[Vide paragraph 5 (f)].

*Programme of the Board's inquiry at Kanpur and the list of persons who attended this inquiry*

31st October 1949 (10-30 A.M. to 1 P.M.)

*Merchants.*

1. Mr. Dayaram . . . . .	representing	The Kanpur Sugar Merchants Association, 51/57, Collector-ganj, Near Shakkarpatti, Kanpur.
2. Mr. Panna Lall . . . . .	"	Do.
3. Mr. Pyare Lall . . . . .	"	Do.
4. Mr. Raman Lall . . . . .	"	Do.
5. Mr. Moolchand . . . . .	"	Do.
6. Mr. Durga Dutt . . . . .	"	Do.
7. Mr. Ganga Shankar Pandey . . . . .	"	Do.
8. Mr. Mohanji . . . . .	"	Kanpur Sugar Brokers' Association, Bagla Building, Nayaganj, Kanpur.
9. Mr. R. S. Agarwal . . . . .	"	Do.
10. Mr. Lalchand Jhavar . . . . .	"	Shri Gopi Krishna Mehta, Sugar Merchant, 23, Moti Building, Collectorganj, Kanpur.
11. Mr. Durga Shankar Dixit . . . . .	"	Sugar Merchant, C/o Ganesh Prasad Durga Shankar, Shakkarpatti, Kanpur.
12. Mr. Jaidayal . . . . .	"	Sugar Merchant, C/o Jaidayal Pyarelal, Shakkarpatti, Kanpur.

31st October 1949 (3 P.M. to 5-30 P.M.)

*Sugar commission for U. P. & Bihar.*

- |                                                                            |              |                                    |
|----------------------------------------------------------------------------|--------------|------------------------------------|
| 1. Mr. K. N. Singh, Chairman, Sugar Commission representing U. P. & Bihar. | representing | Sugar Commission, U. P. and Bihar. |
| 2. Mr. A. D. Pant, I.A.S., Cane Commissioner, U. P.                        | "            | Do.<br>(Government of U. P.)       |
| 3. Mr. J. Prasad, Cane Commissioner, Bihar.                                | "            | Do.<br>(Government of Bihar).      |

1st November 1949 (10-30 A.M. to 1 P.M. & 3-30 P.M. to 5-30 P.M.)

*Indian Sugar Syndicate.*

- |                                       |              |                                                        |
|---------------------------------------|--------------|--------------------------------------------------------|
| 1. Mr. D. R. Narang . . . . .         | representing | The Indian Sugar Syndicate, 7/33, Tilak Nagar, Kanpur. |
| 2. Mr. Hariraj Swarup . . . . .       | "            | Do.                                                    |
| 3. Mr. Kishori lal . . . . .          | "            | Do.                                                    |
| 4. Mr. Romesh Chander . . . . .       | "            | Do.                                                    |
| 5. Pandit S. K. D. Bhargava . . . . . | "            | Do.                                                    |
| 6. Sahu Jagdish Prasad . . . . .      | "            | Do.                                                    |
| 7. Mr. M. R. Jaipuria . . . . .       | "            | Do.                                                    |
| 8. Mr. Balmukund Shah . . . . .       | "            | Do.                                                    |
| 9. Mr. C. O'Malley . . . . .          | "            | Do.                                                    |
| 10. Mr. W. A. Caws . . . . .          | "            | Do.                                                    |

2nd November 1949 (Time 11 A.M.)

- |                         |                                   |
|-------------------------|-----------------------------------|
| 1. Mr. R. C. Srivastava | Naval Nivas, Civil Lines, Kanpur. |
|-------------------------|-----------------------------------|

2nd November 1949 (Time 2-30 P.M.)

*Sugar Technologists' Association of India, Kanpur.*

- |                                                  |              |                                                                   |
|--------------------------------------------------|--------------|-------------------------------------------------------------------|
| 1. Mr. R. C. Srivastava, C.I.E., O.B.E.. . . . . | representing | The Sugar Technologists' Association of India, Nawabganj, Kanpur. |
| 2. Mr. N. C. Verma . . . . .                     | "            | Do.                                                               |
| 3. Mr. P. N. Takru . . . . .                     | "            | Do.                                                               |
| 4. Mr. K. C. Banerji . . . . .                   | "            | Do.                                                               |
| 5. Mr. H. N. S. Awasthi . . . . .                | "            | Do.                                                               |
| 6. Mr. J. N. Dhawan . . . . .                    | "            | Do.                                                               |

2nd November 1949 (Time 3-40 P.M.)

- |                                                                           |
|---------------------------------------------------------------------------|
| 1. Mr. S. C. Roy, Director, Indian Institute of Sugar Technology, Kanpur. |
|---------------------------------------------------------------------------|

3rd November 1949 (Time 10-30 A.M. to 1 P.M.)

*Representatives of U. P. Government.*

- |                                                                                              |              |                     |
|----------------------------------------------------------------------------------------------|--------------|---------------------|
| 1. Mr. T. Swaminathan, I.C.S., Secretary, Industries Department.                             | representing | Government of U. P. |
| 2. Mr. K. B. Bhatia, I.C.S. Development Commissioner.                                        | "            | Do.                 |
| 3. Mr. A. D. Pant, I.A.S., Cane Commissioner.                                                | "            | Do.                 |
| 4. Dr. B. K. Mukerji, Ph.D., D.Sc., Director, Main Sugarcane Research Station, Shahjahanpur. | "            | Do.                 |
| 5. Mr. K. N. Singh, Chairman, Sugar Commission and Sugar Commissioner U. P. and Bihar.       | "            | Do.                 |

3rd November 1949 (Time 2-30 P.M.)

*Representatives of Bihar Government.*

- |                                                                                             |              |                     |
|---------------------------------------------------------------------------------------------|--------------|---------------------|
| 1. Mr. Q. Huda, Secretary, (Development Department).                                        | representing | Government of Bihar |
| 2. Mr. K. N. Singh, Chairman, Sugar Commission and Sugar Commissioner, U. P. and Bihar.     | "            | Do.                 |
| 3. Mr. J. Prasad, Cane Commissioner . . . . .                                               | "            | Do.                 |
| 4. Mr. K. L. Khanna, Sugarcane Specialist, Central Sugarcane Research Station, Pusa, Bihar. | "            | Do.                 |

4th November 1949 (10-15 A.M.)

*Merchants.*

- |                                       |              |                                                                                      |
|---------------------------------------|--------------|--------------------------------------------------------------------------------------|
| 1. Mr. Dayaram . . . . .              | "            | Kanpur Sugar Merchants Association, 51/57, Collectorganj, Near Shakkarpatti, Kanpur. |
| 2. Mr. Moolchand . . . . .            | "            | Do.                                                                                  |
| 3. Mr. Ganga Shankar Pandey . . . . . | "            | Do.                                                                                  |
| 4. Mr. Durga Dutt . . . . .           | "            | Do.                                                                                  |
| 5. Mr. Mohanji . . . . .              | "            | Sugar Brokers' Association, Bagla Building, Nayaganj, Kanpur.                        |
| 6. Mr. R. S. Agarwal . . . . .        | "            | Do.                                                                                  |
| 7. Mr. O. M. Parikh . . . . .         | "            | Gujarati Sugar Merchant Association, Kanpur.                                         |
| 8. Mr. Chimanlal Shah . . . . .       | "            | Gujarati Sugar Merchant Association, Kanpur.                                         |
| 9. Mr. Vrijlal Shah . . . . .         | "            | Do.                                                                                  |
| 10. Mr. Chandulal Gandhi . . . . .    | "            | Do.                                                                                  |
| 11. Mr. Chimanlal Gandhi . . . . .    | "            | Do.                                                                                  |
| 12. Mr. Durga Shankar Dixit . . . . . |              | Sugar Merchant C/o Ganesh Prasad Durga Shankar, Shakkarpatti, Kanpur.                |
| 13. Mr. Jaidayal . . . . .            |              | Sugar Merchant C/o Jaidayal Pyarelal, Shakkarpatti, Kanpur.                          |
| 14. Mr. Lalchand Jhawar . . . . .     | representing | Mr. Gopi Krishna Mehta Sugar Merchant, 23, Moti Building, Collectorganj, Kanpur.     |

4th November 1949 (11-30 A.M.)

*Consumers.*

- |                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| 1. Mr. Ganga Shankar Chobey, M.L.A. . . . . | 40/121, Purana Tobkhana Bazar Parade, Kanpur.                |
| 2. Mr. K.V. Venkataram . . . . .            | Editor, "Daily Telegraph". Kanpur.                           |
| 3. Mr. M. L. Gupta . . . . .                | representing Kanpur Co-operative Consumers' Society, Kanpur. |

## APPENDIX XVIII

[Vide paragraph 5]

*Programme of the Board's inquiry at Madras and the list of persons who attended this inquiry.*

Day and Date	Time	Name of the Party	Place of meeting.
<i>October, 1949</i>			
Thursday, 20th . . .	1-00 P.M.	Mr. Omandur P. Ramaswami Reddiar, ex-Premier of Madras.	Camp Office.
Friday, 21st. . . .	8-00 A.M.	The Hon'ble Mr. P. S. Kumaraswami Raja, Premier of Madras.	Do.
	11-00 A.M.	President, Andhra Provincial Palmyra Jaggery Industrial Labour Union.	Do.
Sunday, 23rd . . . .	8-30 A.M.	Mr. K. Bashyam, Ex-Minister of Law, Govt. of Madras	Do.
Monday, 24th . . . .	3-30 P.M.	Mr. G.T. Raju, Secretary, Memon Merchants Association, Madras.	Do.
	4-45 P.M.	Mr. N. Rama Rao, Vice-President and other members of the Andhra Chamber of Commerce, Madras.	Chamber's Office Angappa Naick Street George Town.
Tuesday, 25th . . . .	11-00 A.M.	Mr. A.G. Bande Gowda, President Mr. T.G. Armstrong (Parry & Co., Ltd., Madras) Mr. M. J. Edward, Secretary and Mr. I.R. Shastry and H.C. Agarwala (Vizagapatam Sugar & Refinery Ltd), representing the South Indian Sugar Mills Association.	Parry & Co., Dare House, 3rd Floor, Parry's Corner.
	3-00 P.M.	Mr. E.V. Sundara Reddi, President and Mr. R. Venkatasubba Reddi, Secretary, South Indian Sugar Cane Growers' Association.	Camp Office.
Wednesday, 26th . . .	3-00 P.M.	Representatives of the provincial Government :— (a) Mr. N.S. Arunachalam, I.C.S., Director of Civil Supplies. (b) Mr. T. Raju, I.C.S., Director of Industries. (c) Mr. Kanthiraj, Deputy Director of Agriculture.	Camp Office.
Thursday, 27th . . . .	4-00 P.M.	Mr. Nammalvar, Mr. T.M. Rangachari and other members of the Executive Committee of the Southern India Chamber of Commerce.	Chamber's Bldg., North Beach Road George Town.

Day and Date	Time	Name of the Party	Place of Meeting
Thursday 27th	6-00 P.M.	Mr. B. Ramachandra Reddi, President and other members of the Madras Chamber of Agriculture and Mr. E.V. Sundara Reddi, President and other members of the South Indian Sugar Cane Growers, Association.	Cosmopolitan Club, Mount Road.
Friday, 28th	10-30 A.M.	Mr. S. Ramaswami Naidu, Mayor of Madras and Mr. C. M. Kothari, Sheriff of Madras.	Camp Office.
	12-00 NOON	Dr. R. Balakrishnan and Dr. Poduval, University of Madras.	Do.
	2-30 P.M.	Mr. Jathalal Manekji, President and Mr. Sundaram Aiyar, Secretary, Madras Hotels' Association ; Mr. Abdullah Sait and Mr. S. Abdul Khadar, Mohamadan Hotel Keepers Association ; Mr. N. Ramanatha Aiyar, Ramakrishna Lunch Home; Mr. C.W. Stevenson, Spencer and Co. Ltd.. Mr. A. Bosotto, Hotel Bosotto ; Mr. P.N. Nagaraj, Harrison and Co., and Mr. K. S. Ambi Aiyar, Ambi's Cafe.	Do.

*Camp Office :—*

"Natana Vilas"

38, Raja Sir Annamalai Chettiar Road, Vepery, Madras.

#### APPENDIX XIX

[Vide paragraph 5 (g)]

*List of persons and bodies who attended the Board's public inquiry at Bombay and the dates on which they were examined.*

#### I. PRODUCER

28th November, 1949.

##### *Officials :*

- |                             |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| (1) Mr. N. T. Mone, I.C.S.  | Joint Secretary to the Government of India, Ministry of Agriculture, New Delhi. |
| 2) Mr. K. B. Bhatia, I.C.S. | Development Commissioner, Government of U.P.                                    |
| (3) Mr. S. C. Roy           | Director, Indian Institute of Sugar Technology, Kanpur.                         |
| (4) Mr. K. L. Khanna        | Sugarcane Specialist, Central Sugarcane Research Station, Pusa, Bihar.          |

##### *Producers:*

- |                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| (5) Mr. S.P. Jain      | Indian Sugar Mills Association, 23-B Netaji Subhas Road, Calcutta 1. |
| (6) Mr. Hariraj Swarup | Ditto.                                                               |
| (7) Mr. P. Hadfield    | Ditto.                                                               |
| (8) Mr. J. S. Mehta    | Ditto.                                                               |



28th November, 1949

*Producers—contd.*

- |                                               |                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| (9) Mr. D.R. Narang . . . . .                 | Indian Sugar Syndicate Ltd., 7/33, Tilaknagar<br>Kanpur.                                                                   |
| (10) Mr. M.R. Sherwani . . . . .              | Ditto.                                                                                                                     |
| (11) Mr. B.N. Pittie . . . . .                | Ditto.                                                                                                                     |
| (12) Mr. V. Ramakrishna, C.I.E., I.C.S. (Rtd) | South Indian Sugar Mills Association, No. 1<br>North Beach Road, P. Box No. 12, Madras.                                    |
| (13) Mr. D.H. Duyf . . . . .                  | Madhyabharat Sugar Mills Association, 46, Jail<br>Load, Indore City.                                                       |
| (14) Mr. K.J. Somaiya . . . . .               | Deccan Sugar Factories Association, Industrial<br>Assurance Building, Opposite Churchgate<br>Station, Fort, Bombay.        |
| (15) Mr. Bagla . . . . .                      | Eastern Group of Sugar Factories, C/o the Indian<br>Sugar Mills Association, (Gorakhpur Branch<br>Golghar, Gorakhpur, U.P. |
| (16) Mr. Sawhney . . . . .                    | Ditto.                                                                                                                     |
| (17) Mr. M.H. Gandhi . . . . .                | Oudh Sugar Mills Ltd., Hargaon (O.T.Rly) (Sita-<br>pur District) U.P.                                                      |
| (18) Mr. S. G. Nanavati . . . . .             | Ditto.                                                                                                                     |

## II. CANE GROWERS, GUR AND KHANDSARI MANUFACTURERS.

29th October, 1949.

*Officials*

- |                                        |                                                                  |
|----------------------------------------|------------------------------------------------------------------|
| (1) Mr. K. B. Bhatia, I. C. S. . . . . | Development Commissioner, U.P.                                   |
| (2) Mr. S. C. Roy . . . . .            | Director, Indian Institute of Sugar Technology,<br>Kanpur.       |
| (3) Mr. K. L. Khanna . . . . .         | Sugarcane Specialist, Central Sugarcane Station,<br>Pusa, Bihar. |

*Cane growers, gur and khandsari manufacturers :*

- |                                                                                              |                                                                                        |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| (4) Swami Sahajanand Saraswati . . . . .                                                     | Representing All India United Kisan Sabha, P.O.<br>Bhita, Patna (Bihar).               |
| (5) Mr. E.V. Sundara Reddi, M.A., B.L. . . . .                                               | " South Indian Sugarcane Grow-<br>ers, Association 100, godown<br>Street, G.T. Madras. |
| (6) Dr. R. Nagan Gowda, M. Sc., Ph. D., Hos-<br>pet, P.O. Bellary District (Madras Province) | " Cane Growers.                                                                        |
| (7) Mr. W.D. Chifale, Chitalengar, Sholapur<br>District. (Bombay Province).                  | " Cane Growers.                                                                        |

## III. MERCHANTS AND CONSUMERS.

30th November, 1949.

*Officials*

- |                                      |                                                                           |
|--------------------------------------|---------------------------------------------------------------------------|
| (1) Mr. K.B. Bhatia, I.C.S . . . . . | Development Commissioner, U.P.                                            |
| (2) Mr. S. C. Roy . . . . .          | Director, Indian Institute of Sugar Technology,<br>Kanpur.                |
| (3) Mr. K. L. Khanna . . . . .       | Sugarcane Specialist, Central Sugarcane Research<br>Station, Pusa, Bihar. |

*Merchants*

- |                                          |                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------|
| (4) Mr. Jagjiwan Ujamshi Mulj, . . . . . | Representing Bombay Sugar Merchants' Associa-<br>tion 104/114, Frere Road,<br>Bombay 9.       |
| (5) Mr. Maneklal Ujamshi . . . . .       | Ditto.                                                                                        |
| (6) Mr. Matadin Khaitan . . . . .        | " Bengal Sugar Merchants Association<br>161-1 Harrison Road, Calcutta.                        |
| (7) Mr. Liladhar Rustgi . . . . .        | Ditto.                                                                                        |
| (8) Mr. Dayaram . . . . .                | " Kanpur Sugar Merchants Association,<br>51/57, Collectorganj, Near<br>Shakkar Satti, Kanpur. |
| (9) Mr. D. D. Kanodia . . . . .          | Ditto.                                                                                        |

- (10) Mr. J. D. Mehta . . . . . representing Sugar Broker, A/48 Tara Baugh Estate, Charni Road, Bombay 4.  
 (11) Rao Bahadur G. G. Shambekar . . . . . Gur merchant, Barmati, (Bombay Province).

*Consumers.*

- (12) Mr. J. R. Master . . . . . representing Synthetic Syrups and Home Industry Food Products Association 576, Chira Bazar, Bombay.  
 (13) Mr. P. H. Brown . . . . . " All India Food Preservers' Association, 18A, Aurangzab Rd., New Delhi.  
 (14) Mr. Kailash Nath . . . . . " All India Food Preservers' Association, 128, Middle Road, Calcutta.  
 (15) Mr. G. R. Sathe . . . . . " Sathe Biscuit and Chocolate Co., Ltd., 820, Bhawani Peth, Poona 2.  
 (16) Mr. B. B. Sardeshpande . . . . . " M/s. Corn Products Co. (India) Ltd., P. O. Box. 994, Bombay 1.  
 (17) Mr. P. Mohanlal . . . . . " The Indian Confectionery Manufacturers' Association, 192-A Clive Street, Calcutta.

## IV. LABOUR, INDIAN SUGAR SYNDICATE AND PRODUCERS.

1st December, 1949.

*Officials:*

- \* (1) Mr. N.T. Mone, I.C.S. . . . . Joint Secretary to the Government of India, Ministry of Agriculture, New Delhi.  
 (2) Mr. K.B. Bhatia, I.C.S. . . . . Development Commissioner, U.P.  
 (3) Mr. S. C. Roy . . . . . Director, Indian Institute of Sugar Technology, Kanpur.  
 (4) Mr. K. L. Khanna . . . . . Sugarcane Specialist, Central Sugarcane Research Station, Pusa, Bihar.
- (a) *Labour* . . . . . 11 A.M. to 1-30 P.M.  
 (5) Prof. Shibban Lal Saxena, M.C.A. . . . . Representing U.P. and Bihar Chini Mill Mazdoor Federation, Lucknow.  
 (6) Dr. P. K. Choudhury . . . . . " Indian National Sugar Mills Workers' Federation, 11/39, Gwaltoli, Kanpur.
- (b) *Bihar Sugar Mills Association* . . . . . 2-30 P.M. to 3-30 P.M.  
 Mr. R.L. Napani . . . . . representing Bihar Sugar Mills Association, Post Box No. 3, Patna, Bihar.
- (c) *Indian Sugar Syndicate and Producers* 3-30 P.M. to 5-30 P.M.  
 (1) Mr. D.R. Narang . . . . . representing Indian Sugar Syndicate, Ltd., 7/33 Tilaknagar, Kanpur.  
 (2) Mr. M.R. Shervani . . . . . Ditto.  
 (3) Mr. B.N. Pittie . . . . . Ditto.  
 (4) Mr. J.S. Mehta . . . . . " Indian Sugar Mills Association, 23-B. Netaji Subhas Road, Calcutta.  
 (5) Mr. Sawhney . . . . . " Eastern Group of Sugar Factories, C/o the Indian Sugar Mills' Association, (Gorakhpur Branch), Golghar, Gorakhpur (U.P.)  
 (6) Mr. Bagla . . . . . Ditto.  
 (7) Mr. R. L. Nopani . . . . . " Bihar Sugar Mills' Association, Post Box No. 3, Patna, Bihar.

(\*Attended only in the afternoon)

## V. GOVERNMENT REPRESENTATIVES.

2nd and 3rd December, 1949.

- (1) Mr. N.T. Mone, I.C.S. . . . . Joint Secretary to the Government of India, Ministry of Agriculture, New Delhi.  
 (2) Mr. N. L. Dutt . . . . . Government Sugarcane Expert, Lawley Road, P.O. Coimbatore, S. India.

- \* (3) Mr. Gajanan Naik . . . . . Palm Gur Adviser to the Government of India,  
Ministry of Agriculture. (Palm<sup>o</sup>Gur Section)  
New Delhi.
- (4) Mr. K.B. Bhatia, I.C.S. Development representing Government of U.P.  
Commissioner.
- (5) Mr. A.D. Pant, I.A.S., Cane Commissioner . . . . . Ditto.
- (6) Mr. K.N. Singh Chairman, . . . . . " Sugar Commission, U.P. and Bihar.  
Sugar Commission, U.P. and Bihar.
- (7) Mr. Q. Huda Secretary, Development . . . . . Government of Bihar.  
Department.
- (8) Mr. J. Prasad, Cane Commissioner . . . . . Government of Bihar.
- (9) Mr. K.L. Khanna, Sugarcane Specialist, . . . . . " Government of Bihar.  
Research Station, Pusa, Bihar.
- \* (10) Mr. P.V. R. Rao, I.C.S., Secretary De- . . . . . Government of Bombay.  
velopment Department.
- 11) Dr. R. D. Rege, Sugarcane Specialist. . . . . Ditto.
- (12) Sardar Harbans Singh, Cane Commis- . . . . . " Government of East Punjab.  
sioner.
- 13) Mr. B.T. Kempanna, Secretary, Develop- . . . . . Government of H.H. the Maharaja of  
ment Department. Mysore.
- (14) Mr. S. C. Roy, Director. . . . . " Indian Institute of Sugar Technology,  
Kanpur.
- \* (15) Mr. Dip Narayan Sinha, M.C.A . . . . . " Indian Central Sugarcane Committee,  
Pusa Road, New Delhi.
- \* (16) Mr. Shankar Lall . . . . . Ditto.
- \* (17) Thakur Phool Singh, M.L.A. Saharanpur . . . . .  
U.P.
- \*\* (18) Dr. P.K. Choudhury . . . . . Indian National Sugar Mills' Workers,  
Federation, 11/39 Gwaltolli, Kanpur.

(\*Did not attend on 3rd December 1949)

(\*\* Interviewed in camera between 2-30 P.M. & 3 P.M.)

5th December, 1949.

Mr. Ram Lal Sethi, I.A.S.,

Agricultural Commissioner with the Government of India, Indian Council of Agricultural Research  
P. Block, Raisina Road, New Delhi.

## VI. OTHERS.

5th December, 1949.

Prof. M. P. Gandhi,

Editor, The Indian Sugar Industry Annual, Jan Mansions, Sir P.M. Road, Fort, Bombay.

22nd December, 1949.

4 P. M. (in camera).

Mr. Jagjiwan Ujamshi Mfjiul, Anand Bhawan, representing Bombay Sugar Merchants Asso-  
Baboolnath Cross Road, Bombay. ciation 104/114, Frere Road, Bombay 2.

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