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Cotton Plant (American).

A SURVEY
OF
The Marketing of Cotton in the Punjab

BY

LILA KRISHAN SEHGAL, M. A.
Research Scholar in Economics, University of the Punjab.

WITH FOREWORD

BY

REV. DR. E. D. LUCAS, M. A., PH. D., D. D.

LAHORE
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FOREWORD.

Mr. Sehgal has given us a remarkably coherent and lucid survey of the marketing of cotton in the Punjab. It is a timely and important subject to deal with. Cotton is the outstanding cash crop of the Punjab peasant and the returns he receives from it have considerable effects upon his general standard of living. This survey covers the field of cotton marketing from the production of the cotton plant in the field to the problem of co-operative marketing at the end of the process.

Mr. Sehgal's analysis of the various steps deals with the problems involved in each, and all of his suggestions show a grasp of the subject and common sense in dealing with it which are unusual in so young a scholar. I can commend this survey to anyone interested in this subject without hesitation. The survey speaks for itself.

May 11, 1958.

E. D. LUCAS.

PREFACE.

This little book was submitted to the Punjab University by me last year in the form of a thesis for the M. A. Degree in Economics after carrying out a comprehensive marketing survey of cotton in the Punjab. In it an attempt has been made to survey the local marketing conditions of raw cotton in the Punjab and to make the necessary suggestions for reform and improvement. Each one of the chapters of this book deals with a new stage in the career of the cotton crop as it passes from the field to the factory. How cotton after leaving the field is transported to the market, financed and sold ; and what determines the price of cotton in the market and the return to the cotton grower for his produce, these form the principal subject matter of all the chapters excepting the first and the last. The first chapter deals with the production of cotton and the last with ' co-operative marketing ' which may be a remedy for many of the present-day marketing ills. Thus the whole complex chain of the marketing process of raw cotton has been analysed in as easy, simple and interesting a manner as possible.

Though the matter as well as the manner of this little book is entirely my own, yet I would be very ungrateful if I did not acknowledge here what I owe to others, in fact, in most cases where I have asked for help, it has been given in full measure 'pressed down and running over.' I must, however, specially acknowledge the kindness of Rev. Dr. E. D. Luças of the Forman Christian College, Lahore, for going through the whole work and contributing a foreword to it; S. Kartar Singh, Marketing Officer, Punjab for giving me useful advice during the course of the investigation; Mr. F. B. Wace, I. C. S., Registrar Co-operative Societies, Punjab, for getting me very useful information about the working of co-operative commission shops in the Punjab; Prof. G. D. Sondhi of the Government College, Lahore, for getting me necessary literature on the subject; and Mian Afzal Hussain, Principal, Agricultural College, Lyallpur, for supplying me with copies of the photographs included.

It is for the first time that the Punjab University has approved of the publication of research work in Economics at its own expense. In this connection I should like to express my grateful thanks to the University authorities, and particularly to Dr. L. C. Jain, Head of the University Department of Economics, who recognised the impor-

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tance of this little work and on whose recommendation the University sanctioned a special grant for its publication.

Lila Krishan Sehgal.

Economics Department,
University of the Punjab,
Lahore.
May, 1938.

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APPENDIX A.

A Short History of The Introduction of American Variety in The Punjab.¹

American cotton appears to have been first tried in 1853 when some seed was distributed by the Deputy Commissioner, Shahpur. In 1884 some seed was again distributed by the Director of Land Records. It was really in 1902 that serious attempts began. At first, seed was imported from Dharwar. In 1903 trials were made at Lyallpur farms with the seed of the Punjab *Narma* obtained, though with difficulty, through the courtesy of Messrs. Mela Ram & Sons of Lahore who managed to collect sufficient seeds for half an acre from stray plants growing among Desi cotton. In 1904 Mr. Mollison supplied trained men and bullocks together with drills for the proper sowing and trial of a few American and some good Bombay Desi types to *zamindars* at Lyallpur. The early drilled field did not germinate and had to be resown. But in spite of poor germination the American cotton gave encouraging results. In 1905 the trials were extended to Sargodha. The Agricultural Department may be said to have properly started

1. For detailed information see the Article by Mr. W. Roberts in the Agricultural Journal of India 1914.

functioning in that year. Sales for American cotton were conducted at Sargodha in 1905-06, and at Lyallpur in 1907, and a premium of more than a rupee per maund over Desi cotton was obtained at these sales.

The importance of the botanical aspect of the question was soon recognised. The policy of importing seed from Dharwar was definitely abandoned in 1912, as it became evident that American cotton grown in the Punjab was superior to that grown in Dharwar. In the meantime considerable progress was made at Lyallpur with regard to the selection work of American types. The rough leaved upland type—4 F Variety—found favour with the Cotton Research Botanists. In 1914, more than 2000 acres of 4 F were grown. In 1915, more than 72000 lbs. of seed were sold in Lyallpur at Rs. 3-12-0 per maund, the price of bazaar seed being Rs. 2-8-0 per maund. Various influential men and some co-operative banks acted as agents for the sale of the seed, getting a commission of 8 as. per maund. In 1914, sales were held at four separate centres, two being held by the Deputy Director at Sargodha. A premium of about Rs. 2 per maund was obtained in all cases. And thus by 1914 growing of American cotton became popular.

APPENDIX B.

MIXING OF COTTON.

The primary place of mixing two types of cotton—American and Desi—is the ginning factory. It is mainly done because of the existence of the demand for mixed stuff. The ginners receive orders from different companies for the supply of definite mixtures. The mixtures asked for are usually 25 to 33 per cent of Desi. Demand for higher proportion of Desi cotton is, however, not infrequent. There are instances where the percentage of the mixture demanded is as high as 50 per cent.

The ginners, however, try to mix a higher proportion than that is ordered. In the Cotton Ginning and Pressing Factory Act 1925 a provision has been made for a certain amount of control of ginning and pressing factories, and the marking of all bales of cotton pressed with a press mark and serial number so as to facilitate tracing of their origin. But this measure has not discouraged the malpractice to any great extent.

The only effective remedy to stop this malpractice will be the curtailment of the demand for mixed cotton and encouragement of the demand for pure cotton. The spinners who are

anxious to get pure American cotton may be invited to buy all the cotton they require in the places of production. The establishment of community co-operative gins can also be helpful, but this is not an easy task, for nowhere in the Punjab is any one particular type of cotton grown. Moreover, the organisation of co-operative gins would require supervision.

Reduction in the railway freight of pure American cotton and a corresponding increase in freight for mixed cotton may be helpful in creating demand for pure cotton. Here the difficulty will be the identification of pure and mixed bales. The factory people may be compelled to state the type of cotton in every bale. This too, however, will not eliminate the possibilities of fraud altogether.

APPENDIX C.

Details of a week's enquiry about the method of purchase of cotton by the Nili Factory at Burewala Market (showing extent of *Bahir Ka Sauda*).

Date.	Cotton transacted direct in villages (<i>Bahir-Ka-Sauda</i>)				Cotton transacted in the market.		
	Name of villages.	Camels	Carts.	Total.		Camels.	Carts.
				Camels.	Carts.		
1-12-35	Chak No. 328	...	4	111	4	...	28
	Sharif Waha	44	...				
	Saldaira	23	...				
	Kamand	34	...				
	Chak No. 315	10	...				
2-12-35	Budh Ghulam	40	...	146	12
	Thalli	34	...				
	Saldaira	45	...				
	Chak No. 491	19	...				
	Gaguoo	18	...				
3-12-35	Chak No. 340	23	...	161	19
	Chak No. 315	59	...				
	Chak No. 364	22	...				
	Sheikh Fazil	57	...				

4-12-35	Chak No. 493	...	4	220	6	...	20
	Chak No. 483	...	2				
	Saldaira	21	...				
	Thalli	38	...				
	Majhi Wala	63	...				
	Iqbal Nagar	58	...				
	Kamand	40	...				
5-12-35	Belli	36	...	194	22
	Fazil Waha	29	...				
	Chak No. 521	68	...				
	Iqbal Nagar	23	...				
	Budh Ghulam	38	...				
6-12-35	Trakhni Farm	36	...	186	16
	Kamand	19	...				
	Thalli	49	...				
	Chak No. 340	45	...				
	Saldaira	31	...				
7-12-35	Chak No. 63	11	...	158	28
	Chak No. 315	47	...				
	Saldaira	21	...				
	Iqbal Ghufwara	29	...				
	Kamand	50	...				

APPENDIX D.

Pro forma invoice of 100 bales of *kapas* ginned and pressed at Lyallpur and despatched to Karachi out-turn 13 seers. (1935-36.)

Drying = $2\frac{1}{4}$ % .

Price of 100 bales of cotton or 50 candies at Karachi = Rs. 9,820·5616 (100 bales = 39,200 lb. = 476·3641 maunds ginned cotton or 1,465·7357 maunds *kapas*.)

Less Railway freight at Rs 2/3/5 per maund of cotton to Karachi, at owner's risk	Rs. = 1,076·0271
Insurance	= 121·5625
Interest at as. 8% per annum for 30 days	= 55·6735
	8,467·2967

Cotton seed :—	Mds.	
Kapas	1,465·7357	
Lint cotton	476·3641	
Cotton seed	989·3716	
Drying $2\frac{1}{4}$ %	24·7343	
Net cotton seed =	964·6373	
value of net cotton seed @ Rs. 1/4/ per md.=1,205·7956		

Less (1) Removing charges 2 pice per maund of cotton seed	=	30·1449
(2) Brokerage @ 6 as. % bags	=	2·4115
(3) Shroffage 1 as. %	=	·7536
		<hr/>
		33·3100
Net cotton seed sale proceed	=	1,205·7956
		<hr/>
		33·3100
		<hr/>
		1,172·4866
Add net cotton seed sale proceed		8,467·2967
		<hr/>
		1,172·4866
		<hr/>
		9,639·7833
Less shroffage @ -/4/- %	=	24·0393
		<hr/>
		9,615·7440
Palladari @ 3/10/- per 100 mds.	=	53·1327
Clearing -/4/-, weighing -/2/- cartage, -/3/-, ginning machine -/2/-, station charges -/1/- ginning and press- ing 6/8/6 per bale	=	728·1250
Terminal taxes -/-/6 per maund	=	15·1910
Establishment at one rupee per bale	=	27·4824
		<hr/>
		8,691·8127
Add Pallidari @ as. 3 %	=	22·9021
		<hr/>
		8,714·7148
Less Dami @ as. 8%	=	43·9720
		<hr/>
		8,670·7428

Add Karta Rs. 1/4/-% plus brokerage	=	123·6714
-1/2/6%		
		Rs. 8,794·4142

This means that the price of 100 bales
 or 1,465·7357 maunds *kapas* = 8794·4142 at
 Lyallpur or the price of one maund of *kapas*
 in the *mandi* of Lyallpur = 8,794 4142

	=	1,465·7357
= Rs. 6 per maund of American <i>kapas</i> .		

APPENDIX E.

Table Showing Fortnightly Average Prices of Kapas per md. at Lyallpur.

Year.	November.				December.				January.				February.				March.				
	I Fortnight.		II Fortnight.		I Fortnight.		II Fortnight.		I Fortnight.		II Fortnight.		I Fortnight.		II Fortnight.		I Fortnight.		II Fortnight.		
	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	Desi.	American.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1926-27	9 7 0	10 5 9	9 14 11	10 6 6	9 4 8	9 11 2	8 9 8	9 7 1	8 7 0	9 8 6	8 14 9	10 0 9	9 15 8	10 15 5	10 15 0	11 8 9	...	...	...	...
1927-28	12 12 0	14 9 7	12 11 9	14 15 2	12 10 1	15 3 1	12 12 8	15 11 2	13 0 3	16 6 4	12 5 3	15 2 4	...	...	...	...	...	...	...	...
1928-29	11 13 3	14 0 0	11 4 5	15 3 7	11 3 4	15 11 4	10 10 1	15 2 7	9 15 2	15 1 7	9 8 0	15 1 4	8 13 2	14 4 0	9 0 8	14 4 2	9 3 0	14 4 10	8 12 10	13 8 4	
1929-30	8 0 0	11 3 6	7 8 6	11 13 0	7 5 10	12 3 7	7 1 1	12 2 3	6 9 6	11 11 10	6 10 1	11 8 6	6 7 7	10 7 6	6 7 5	10 6 4	...	...	...	...
1930-31	5 5 9	7 4 3	5 2 2	7 1 1	4 6 0	5 15 5	4 8 10	6 1 1	5 1 4	6 10 1	5 2 0	6 13 3	5 7 3	7 8 9	5 2 1	8 2 0	...	...	...	...
1931-32	5 14 6	7 3 1	6 3 3	7 5 1	6 14 1	8 3 9	7 8 9	8 12 4	7 10 5	9 0 0	7 7 4	8 10 8	7 5 1	8 7 9	7 4 6	8 10 3	6 15 6	7 15 9	5 12 0	7 3 3	
1933-34	4 13 9	6 1 9	4 11 10	6 1 6	4 4 9	5 7 6	4 2 9	5 6 9	4 7 0	5 12 3	4 12 0	6 5 0	3 13 0	6 10 6	4 12 0	7 2 6	4 12 0	7 3 0	4 10 0	7 4 0	
1934-35	5 0 0	8 0 6	5 8 3	8 10 9	5 14 0	9 11 0	6 3 3	9 14 3	6 6 3	10 1 0	6 11 0	10 6 3	6 12 0	9 15 0	6 4 9	9 12 0	6 4 9	9 6 0	5 2 3	8 10 6	
1935-36	6 11 9	8 13 6	6 10 3	8 8 0	6 8 9	8 0 9	6 3 9	7 13 0	5 15 6	7 5 9	5 14 0	7 0 9	5 12 6	7 0 9	5 12 9	6 14 0	6 2 4	7 2 6	6 4 6	7 0 0	

N. B.—Prices for 1932-33 were not available.

APPENDIX F.

COTTON HANDLED BY CO-OPERATIVE COMMISSION SHOPS IN THE
PUNJAB¹.

Name of the shop.	Year.	Kapas marketed.				Cotton seed marketed.							
		Weight.			Value.	Weight.			Value.				
		Mds.	srs.	ch.	Rs.	as.	p.	Mds.	srs.	ch.	- Rs.	as.	p.
Chak Jhumara	1931-32	8991	0	0	67450	0	0	747	0	0	1880	0	0
	1932-33	9263	0	0	59629	0	0	227	0	0	497	0	0
	1933-34	15210	0	0	77282	0	0	884	0	0	1004	0	0
	1934-35	15301	0	0	111412	0	0	2128	0	0	3369	0	0
Jaranwala ...	1931-32	3980	9	2	29975	10	9						
	1932-33	5368	22	10	34948	0	6						
	1933-34	4937	36	2	24772	6	9						
	1934-35	4957	12	14	36560	8	3						
Abohar ...	1931-32	7577	0	0	58718	0	0	146	0	0	469	0	0
	1932-33	9678	0	0	63601	0	0	236	0	0	835	0	0
	1933-34	19454	0	0	91121	0	0	416	0	0	913	0	0
	1934-35	15004	0	0	86278	0	0	384	0	0	1234	0	0
Mandi Bahad-Din.	1931-32	3182	0	0	24532	0	0						
	1932-33	2551	0	0	16346	0	0						
	1933-34	3108	0	0	18500	0	0						
	1934-35	2127	0	0	19178	0	0						
Guruhar-Sahi ...	1931-32	205	11	9	...			1680	0	0	16800	0	0
	1932-33	182	6	0	33	2	0	1565	0	0	18205	0	0
	1933-34	932	0	0	127	3	9	2434	0	0	34316	0	0
	1934-35	252	4	0	164	3	0	1705	0	0	17400	0	0
Arifwala ...	1931-32	1205	26	14	93424	8	6						
	1932-33	10682	39	2	68552	13	3						
	1933-34	25963	22	8	144992	4	3						
	1934-35	13151	22	6	101678	13	9						
	1935-36	20335	9	15	140839	8	0						
Zamindar's Society, Okara	1931-32	57206	29	5	398070	6	0	1033012	0	0	26203	0	0
	1932-33	50462	6	6	359591	9	3	83992214	0	0	20825	1	3
	² 1933-34	87047	12	6	489452	2	0	9315234	0	0	12583	4	3
	² 1934-35	75685	12	10	584767	2	9	80630	0	0	1336	11	6

1. The figures were procured thanks to Mr. F. B. Wace, I. C. S., Registrar, Co-operative Societies, Punjab.

2. From April to February.

APPENDIX G.
QUESTIONNAIRE.

A. Questions for Cultivators.

1. What is the time of the sowing and the picking of your cotton ?
2. Who picks your cotton ?
3. Do you hold your cotton, or do you dispose it of as it is picked ?
4. If you hold your cotton, what difficulties do you experience?
5. Do you sell away your cotton in the village or do you take it to the market ?
6. Who buys your cotton in your village ?
7. How do you transport your cotton to the market ?
8. What is the cost of transporting cotton from your village to the market ?
9. To which market do you generally take your cotton ? At what distance is your village from the market ?
10. Which is the nearest market to your village ?
11. Do you feel at home in the market ?
12. To whom do you take your cotton in the market ?

13. How is your cotton sold in the market ?
14. Do you understand the method of sale in the market ?
15. What market deductions have you got to pay in cash and kind ?
16. Do you weigh your cotton before you leave for the market ?
17. For how long have you to wait in the market and where do you stay ?
18. When do you need financial help and for what purposes ?
19. Who advances you money and on what terms ?

B. Questions for *Arhtis*.

1. What is the kind of *arhat* you do ?
2. Do you deal in cotton only or in other commoditis as well ?
3. Who brings cotton to your shop ?
4. What is the daily average arrival of cotton at your shop in different months ?
5. From what distances does cotton come to your shop ?
6. What fee do you charge from the seller?
7. How do you conduct the sale of the cotton of your client ?

8. When do you make the payment to the seller ?
9. When does the buyer pay you the price ?
10. What fee do you charge from the buyer ?
11. Are you a member of any *Panchayat* or Association of the market ?
12. What are the functions of your *Panchayat*. Is it active at present ?
13. When is the arrival of cotton generally highest at your shop ?
14. Do you work with your own capital or do you borrow ?
15. If you borrow, from whom and on what terms?

C. Questions for Buyers.

1. How do you buy cotton ?
2. Do you buy it in the village or in the market ?
3. On what basis do you agree to a particular rate of cotton ?
4. Where do you weigh cotton after its rate is settled ?
5. What deductions do you claim during the course of weighment and why ?

6. Who weighs the cotton in the factory and how? How many seers do you count for a maund of cotton?

7. Which other markets compete with your's for getting supplies of cotton?

8. Do you combine into pools, if so, why and with what results?

9. Who lends you money and on what terms?

10. When do you pay the price to the *arhti*?

D. Questions for Managers of Co-operative commission shops.

1. When was this shop started?

2. What is the amount and value of cotton marketed through this shop, during the last three seasons?

3. What is the number of members of this shop?

4. What has been the number of sellers (both members and non-members) during the last three seasons?

5. Do you store cotton? If so, what is its proportion to the total cotton received?

6. How many members took advances during the last three seasons?

APPENDIX 'H.'

Daily Arrivals and Prices of Cotton at Gojra Market.

Date.	Arrivals of Desi Cotton (bales of 392 lbs)	Price per md. of Desi Kapas.	Arrivals of American cotton (bales of 392 lbs.).	Price per md. of American Kapas.
Oct. 1935.				
4	4	5 6 0		
5	4	5 6, 0		
6	—	—		
7	35	6 0 0		
8	1	6 2 0		
9	5	6 2 0		
10	10	6 4 0		
11	2	6 2 0		
12	9	6 2 0		
13	4	6 4 0.		
14	25	6 4 0		
15	10	6 4 0		
16	8	6 5 0		

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs).	Price per md. of American Kapas.
17	10	6 6 0		
18	12	6 8 0	4	7 12 0
19	25	6 8 0	5	8 12 0
20	25	6 8 0	5	8 12 0
21	35	6 10 0	5	8 12 0
22	25	6 8 0	5	8 8 0
23	35	6 9 0	5	8 10 0
24	30	6 10 0	6	8 13 0
25	—	—	—	...
26	125	6 8 0	25	8 14 0
27	—	—	—	—
28	25	6 8 0	5	8 14 0
29	40	6 6 0	10	8 8 0
30	40	6 6 0	10	8 8 0
31	60	6 7 0	15	8 8 0
Nov. 1935.				
1	60	6 7 0	15	8 8 0
2	75	6 8 0	25	8 8 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
Nov. 1935.				
3	100	6 8 0	25	8 10 0
4	50	6 8 0	15	8 10 0
5	40	6 8 0	20	8 10 0
6	130	6 6 0	45	8 7 0
7	70	6 8 0	25	8 8 0
8	40	6 7 0	30	8 9 0
9	80	6 9 0	40	8 8 0
10	50	6 10 0	26	8 6 0
11	50	6 9 0	25	8 7 0
12	80	6 10 0	40	8 8 0
13	100	6 11 0	50	8 10 0
14	56	6 12 0	65	8 12 0
15	75	8 4 0	50	8 14 0
16	175	7 3 0	50	8 14 0
17	150	7 6 0	125	8 13 0
18	200	15 6 0	100	8 12 0

Date,	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
19	150	6 15 3	75	8 10 6
20	150	6 11 3	75	8 8 6
21	120	6 10 0	60	8 7 0
22	80	6 10 0	50	8 8 0
23	75	6 10 6	50	8 8 0
24	50	6 10 0	40	8 8 0
25	30	6 10 0	20	8 8 0
26	75	6 11 0	50	8 9 0
27	125	6 13 0	75	8 9 0
28	125	6 12 0	125	8 8 0
29	80	6 11 0	120	8 7 0
30	100	6 9 6	100	8 4 6
Dec. 1935.				
1	100	6 7 6	50	8 1 0
2	75	6 7 6	75	8 1 0
3	75	6 9 0	150	8 1 0
4	75	6 13 0	150	8 2 0
5	75	6 13 0	75	8 2 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.).	Price per md. of American Kapas.
Dec: 1935.				
6	100	6 13 5	150	8 1 6
7	200	6 14 0	300	8 2 0
8	100	6 14 0	250	8 2 0
9	50	6 14 0	50	8 2 0
10	200	6 11 0	200	6 15 0
11	200	6 8 6	200	6 14 0
12	150	6 5 6	50	6 11 0
13	100	6 8 6	100	7 12 0
14	75	6 8 6	75	7 14 0
15	50	6 8 6	50	7 12 0
16	75	6 8 6	100	7 12 0
17	75	6 8 6	75	7 12 0
18	75	6 7 0	25	7 11 0
19	50	6 7 0	90	7 11 0
20	50	5 7 0	100	7 11 0
21	50	6 7 0	100	7 11 0
22	100	6 7 0	200	7 11 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
23	100	6 7 0	200	7 11 0
24	150	6 8 0	100	7 10 0
25	100	6 6 0	150	7 10 9
26	100	6 10 0	100	7 9 0
27	75	6 5 0	75	7 9 0
28	75	2 5 0	75	7 9 0
29	50	6 5 0	50	7 0 0
30	100	6 5 0	150	7 9 0
31	100	6 8 0	50	7 9 0
Jan. 1936.				
1	100	6 5 0	100	7 10 0
2	100	6 5 0	100	7 11 0
3	100	6 6 0	100	7 12 0
4	250	6 5 0	150	7 11 0
5	350	6 4 0	250	6 10 0
6	200	6 3 0	200	7 9 0
7	200	6 1 0	150	7 7 0
8	200	6 13 0	200	7 5 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of) 392 lbs.	Price per md. of American Kapas.
Jan. 1936.				
9	200	5 13 6	150	7 4 6
10	100	5 12 0	50	7 4 0
11	100	5 13 0	100	7 4 0
12	100	5 14 0	100	7 6 0
13	100	5 14 0	100	7 6 0
14	25	5 14 0	25	7 7 0
15	125	5 14 0	25	7 7 0
16	150	5 14 0	50	7 7 0
17	200	5 14 0	200	7 5 0
18	200	5 12 0	200	7 5 0
19	150	5 12 0	200	7 6 0
20	100	5 12 0	150	7 6 0
21	100	5 12 0	150	7 6 0
22	150	5 12 0	200	7 6 0
23	100	5 12 0	200	7 6 0
24	100	5 12 0	200	7 6 0
25	100	5 11 0	200	7 3 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
26	100	5 12 0	200	7 4 0
27	150	5 12 0	250	7 4 0
28	100	5 10 0	20	7 2 0
29	100	5 8 0	150	7 0 0
30	106	5 8 0	150	7 0 0
31	150	5 6 0	250	6 14 0
Feb. 1936				
1	100	5 6 0	160	6 12 0
2	100	5 8 0	150	6 12 0
3	100	5 8 0	200	6 12 0
4	100	5 8 0	200	6 12 0
5	75	5 6 0	175	6 12 0
6	50	5 6 0	50	6 12 0
7	50	5 8 0	50	6 12 0
8	15	5 11 0	75	6 14 0
9	25	5 12 0	75	6 15 0
10	35	5 12 0	100	6 15 0
11	100	5 14 0	325	7 0 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
12	100	5 12 0	350	6 14 0
13	100	5 12 0	300	6 14 0
14	100	5 14 0	300	7 0 0
15	100	6 0 0	300	7 0 0
16	100	5 14 0	350	7 0 0
17	100	5 14 0	300	7 0 0
18	100	5 14 0	300	6 14 0
19	50	5 14 0	50	6 14 0
20	50	5 13 0	150	6 13 0
21	50	5 14 0	150	6 14 0
22	25	5 14 0	75	6 14 0
23	...	5 14 0	...	6 14 0
24	10	5 14 0	30	6 14 0
25	25	5 12 0	75	6 12 0
26	20	5 12 0	75	6 12 0
27	20	5 12 0	70	6 12 0
28	20	5 14 0	60	6 12 0
29	15	5 13 0	75	6 13 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs).	Price per md. of American Kapas.
March, 1936.				
1	...	5 13 0	...	6 13 0
2	...	5 13 0	...	6 13 0
3	...	5 13 0	...	6 13 0
4	10	5 14 0	30	6 14 0
5	25	5 13 0	75	6 13 0
6	25	5 13 0	75	6 13 0
7	75	5 13 0	75	6 13 0
8	25	6 0 0	125	6 15 0
9	50	6 0 0	150	6 15 0
10	50	6 2 0	150	6 15 0
11	50	6 4 0	200	7 1 0
12	50	6 5 0	150	7 2 0
13	75	6 5 0	250	7 2 0
14	200	6 2 0	300	7 0 0
15	200	6 2 0	300	7 0 0
16	75	6 1 0	150	6 15 0
17	50	6 1 0	150	6 15 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs)	Price per md. of Desi Kapas.	Arrivals of American cotton (bales of 392 lbs.).	Price per md. of American Kapas.
18	30	6 0 0	100	6 14 0
19	25	6 0 0	75	6 14 0
20	45	6 0 0	150	6 15 0
21	25	6 2 0	75	7 0 0
22	25	6 2 0	75	7 0 0
23	25	6 2 0	75	7 0 0
34	25	6 2 0	75	7 0 0
25	50	6 1 0	100	6 15 0
26	50	6 1 0	150	6 15 0
27	25	6 2 0	75	7 0 0
28	25	6 3 0	175	7 2 0
29	25	6 3 0	175	7 0 0
30	35	6 3 0	100	7 0 0
31	25	6 3 0	100	7 0 0
April, 1936.				
1	25	6 4 0	100	7 1 0
2	20	6 3 0	130	7 0 0
3	20	6 3 0	180	7 3 9

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
4	20	6 3 0	80	7 0 0
5	20	6 2 0	80	6 15 0
6	20	6 2 0	80	6 15 0
7	25	6 1 0	135	6 14 0
8	25	6 2 0	125	7 0 0
9	25	6 2 0	100	7 0 0
10	25	6 1 0	125	6 15 0
11	20	6 1 0	80	6 15 0
12	15	6 1 0	85	6 15 0
13	15	6 3 0	85	7 0 0
14	5	6 4 0	50	7 1 0
15	20	6 3 0	75	7 0 0
16	10	6 4 0	40	7 1 0
17	10	6 5 0	50	7 0 0
18	10	6 5 0	70	7 1 0
19	10	6 6 0	40	7 2 0
20	10	6 6 0	50	7 2 0
21	—	6 6 0	50	7 2 0
22	10	6 6 0	25	7 3 0

Date.	Arrivals of Desi Cotton (bales of 392 lbs.)	Price per md. of Desi Kapas.	Arrivals of American Cotton (bales of 392 lbs.)	Price per md. of American Kapas.
23	10	6 6 0	50	7 3 0
24	5	6 6 0	35	7 3 0
25	5	6 6 0	40	7 3 0
26	5	6 6 0	25	7 3 0
27	4	6 6 0	9	7 3 0

GLOSSARY.

(1) <i>Arhat</i>	Commission.
(2) <i>Arhti</i>	Commission Agent.
(3) <i>Bahir ka Sauda</i>	Direct purchase from the village.
(4) <i>Beopar</i>	Business.
(5) <i>Dhela</i>	Half pice.
(6) <i>Gurdwara</i>	Sikh temple.
(7) <i>Kan</i>	Lint per md.
(8) <i>Kanun</i>	Law.
(9) <i>Kapas</i>	Raw Cotton ¹ .
(10) <i>Kotha</i>	Room for storage.
(11) <i>Lambardar</i>	Head of the Village.
(12) <i>Langri</i>	Cook.
(13) <i>Mandi</i>	Market.
(14) <i>Mandir</i>	Temple.
(15) <i>Masjid</i>	Mosque.
(16) <i>Panchayat</i>	Association.
(17) <i>Tola</i>	Weighman.
(18) <i>Watta</i>	Allowance.
(19) <i>Zamindar</i>	Cultivator.

1. The word 'cotton' used in this book means raw cotton, unless specially mentioned as 'ginned cotton' or given in bales.

BIBLIOGRAPHY.

1. Report and Evidence of the Indian Cotton Committee, 1918.
2. Report of the Investigation into Finance and Marketing of cultivator's cotton in the Punjab, 1927-28.
3. Report and Evidence of the Punjab Banking Enquiry Committee, 1929-30.
4. Report of the Royal Commission on Agriculture, 1928.
5. Majority Report of the Indian Central Banking Enquiry Committee, 1931.
6. Season and Crops Report Punjab, 1935-36.
7. Agricultural Journal of India, 1914.
8. Indian Journal of Economics, 1928.
9. Journal of Agriculture and Live-Stock in India, 1935-36.
10. Bombay Cotton Annual, 1935-36.
11. Alfred Marshall: Principles of Economics, 1926.
12. Dawar (L. R.): Market Practices, 1934.
13. Mukhtar Singh (Ch.) : Rural India. Peasants' poverty, its causes and cure.
14. Todd (John A.) : Marketing of Cotton, 1934.
15. Wilcox : Reshaping of Agriculture.
16. Bye-Laws of Co-operative Commission Shops, Punjab.

1. Mentioned in this book as ' Cotton Enquiry Report, Punjab.'

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