

THE  
TEA RESEARCH INSTITUTE  
OF  
CEYLON

Report for the Year 1965

Part I

*Edited by*

E. M. CHENERY, BSc, PhD (Lond), ARCS, DIC

*and*

R. L. De SILVA, BSc (Cey), PhD (Lond), DIC



Published by

THE TEA RESEARCH INSTITUTE OF CEYLON  
ST COOMBS, TALAWAKELE, CEYLON

1967

# CONTENTS

	Page
The Board ... ..	5
The Staff ... ..	6
The Fortieth Annual Report of the Board of the Tea Research Institute (1965) ... ..	9
Summary minutes of the meeting of the Board held on 5th March 1965	17
Summary minutes of the meeting of the Board held on 21st June 1965	23
Summary minutes of the meeting of the Board held on 23rd August 1965	27
Summary minutes of the meeting of the Board held on 13th December 1965 ... ..	30
Balance Sheet ... ..	35
Working Account—St Coombs Estate ... ..	36
Working Account—St Joachim Estate ... ..	36
Income and Expenditure Account for 1964 ... ..	37
Summary of Fixed Assets ... ..	38

# The Tea Research Institute of Ceylon

## THE BOARD

(on 31st December, 1965)

**Chairman** Mr F. Amarasuriya

### Ex-officio Members

*The Director of Agriculture:*

Mr D. C. L. Amerasinghe

*The Honourable the Minister of Finance:*

represented by Mr. G. D. Loos

*The Chairman, Planters' Association of Ceylon:*

Mr W. J. Childerstone

*The Chairman, Agency Section, Planters' Association of Ceylon:*

Mr J. L. Capper

*The Chairman, Low-Country Products Association of Ceylon:*

Mr D. B. Ellepola, CBE

*The Tea Controller:*

Mr C. P. Chanmugam

*The Director, Tea Research Institute of Ceylon:*

Dr E. M. Chenery

### Nominated Members

*Appointed by the Planters' Association of Ceylon:*

Mr S. P. Vytilingam

Mr G. B. Middleton

Mr A. P. Fincher

*Appointed by the Agency Section, Planters' Association of Ceylon:*

Mr H. A. Whittall

Mr D. A. Neale

Mr P. J. C. Durrant

*Appointed by the Low-Country Products Association of Ceylon:*

Mr F. Amarasuriya

Mr S. Pathmanathan

Mr J. L. D. Peiris

*Appointed by the Honourable The Minister of Agriculture to represent the smallholders:*

Mr D. E. Hettiarachchi

Mr M. Rajendram, MBE

*Appointed by the Honourable The Minister of Agriculture to represent the House of Representatives:*

Mr D. J. Ranaweera, MP

**Secretary** Mr A. C. Perera

# The Tea Research Institute of Ceylon

## THE STAFF†

(on 1st January, 1965)

### DIRECTORATE

Director	...	...	E. M. Chenery, BSc, PhD (Lond), ARCS, DIC
Deputy Director	...	...	J. A. H. Tolhurst, BSc (Reading)
Assistant Director	...	...	L. H. Fernando, BSc, PhD (Lond)

### RESEARCH DIVISIONS

#### *Agricultural Chemistry*

Agricultural Chemist	...	...	J. A. H. Tolhurst, BSc (Reading)
Research Assistants	...	...	*W. M. W. B. Manipura, BSc (Cey) S. Sivasubramaniam, BSc (Cey)
Technical Assistants	...	...	(Mrs) B. I. de Silva, BSc (Cey) S. Sandanam, BSc (Cey) T. C. Z. Jayman T. Kularatna, BSc (Cey) V. Mendis M. Sikurajapathy, BSc (Cey) K. Sivalingam, BSc (Cey) A. Somaratne, BSc (Cey) S. Sunderalingam, BSc (Poona)

#### *Biochemistry*

Biochemist	...	...	G. W. Sanderson, BSc (Calif), PhD (Nott)
Biochemist (Manufacture)	...	...	R. L. Wickremasinghe, BSc (Cey), BSc (Lond), PhD (Sheff), FRIC
Research Officer	...	...	A. S. L. Tirimanna, BSc, PhD (Lond)
Research Assistants	...	...	G. R. Roberts, BSc (Cey), ARIC *R. R. Selvendran, BSc (Cey)
Technical Assistants	...	...	V. Fernando B. P. M. Perera K. P. W. C. Perera, BSc (Cey) V. H. Perera, BSc (Cey) K. Sivapalan, BSc (Cey)

#### *Entomology*

Entomologist	...	...	J. E. Cranham, BA (Cantab), DIC
Research Officers	.....	...	D. Calnaido, BSc (Cey), PhD (Lond) W. Danthanarayana, BSc (Cey), PhD (Lond), DIC
Research Assistant	...	...	D. J. W. Ranaweera
Technical Assistants	...	...	E. F. W. Fernando, BSc (Cey) A. Kathiravetpillai, BSc (Cey) C. Shanmugam

#### *Nematology*

Adviser	...	...	A. Kerr, BSc (Edin), PhD (Adel)
Actg. Nematologist	...	...	N. Shanmuganathan, BSc (Cey), PhD (Lond)
Research Officer	...	...	P. Sivapalan, BSc (Cey), PhD (Rutgers)
Technical Assistants	...	...	A. R. M. Hassim P. A. John T. Manivasagar S. Samarajeewa M. K. Vythilingam

† When more than one officer is listed under a designation the names appear in alphabetical order

\* Working overseas

STAFF—*contd.**Plant Pathology*

Adviser	...	...	A. Kerr, BSc (Edin), PhD (Adel)
Plant Pathologist	...	...	N. Shanmuganathan, BSc (Cey), PhD (Lond)
Research Officer	...	...	R. L. de Silva, BSc (Cey), PhD (Lond), DIC
Technical Assistants	...	...	P. V. Arulpragasam, BSc (Madras) S. R. A. Fernando, BSc (Cey) S. Murugiah W. R. F. Rodrigo, BSc (Cey)

*Plant Physiology*

Plant Physiologist	...	...	U. Pethiyagoda, BSc (Cey), PhD (Lond), DIC
Research Assistants	...	...	S. Kandiah, BSc (Cey) S. Nagarajah, BSc (Cey), MS (Calif)
Technical Assistants	...	...	S. Krishnapillai, BSc (Cey) M. Piyasena G. M. H. B. Wijethunga

*Plant Propagation*

Adviser	...	...	A. V. Richards, BSc (Lond), MSc (Calif), Dip Agric (Cantab), AICTA (Trinidad)
Research Assistants	...	...	*V. S. Kulasegaram, BSc (Cey) *A. R. Sebastampillai, BSc (Cey)
Technical Assistants	...	...	A. M. Abeysinghe A. S. B. Gomez, BSc (Cey) *D. Janakiram, BSc (Madras) H. B. Ratnayake H. R. Solomon

*Statistics*

Statistician	...	...	P. Kanapathipillai, BSc (Lond), FSS
Technical Assistant	...	...	K. Seevaratnam

*Technology*

Technologist	...	...	D. Kirtisinghe, BSc (Cey), PhD (Lond), DIC
Tea Taster	...	...	C. H. Wickremesinghe
Research Assistant	...	...	W. Joseph, BSc (Cey)
Technical Assistants	...	...	W. C. A. de Silva, BSc (Cey) C. Kandappah, BSc (Cey) T. A. Munasinghe, T. F. Saldin, BSc (Cey) S. Samarasingham M. T. Subramaniam, BSc (Cey)

*Low-Country Service*

Assistant Director	...	...	L. H. Fernando, BSc, PhD (Lond)
<i>The Low-Country Station, Ratnapura</i>			
District Advisory Officer	...	...	J. V. Sabanayagam, BSA (Toronto)
Technical Assistants	...	...	J. I. H. Bandaranayake H. D. Jayasinghe D. D. Kroon N. S. Rajendran, BSc (Madras) H. H. Samarakoon U. P. de S. Waidyanatha, BSc (Cey) N. Yogaratna, BSc (Alahabad)
Chief Clerk	...	...	R. I. Perera
Stenographer	...	...	S. K. P. Tambimuttu
Accounts Clerk	...	...	K. P. Gunawardena
Electrician	...	...	B. T. Ranasinghe
<i>The Kottawa Substation, Talgampola</i>			
Officer in Charge	...	...	K. H. G. Gunapala

## ADVISORY SERVICE

Chief Advisory Officer	...	...	C. B. Foster-Barham, MA (Cantab)
Research Assistants	...	...	R. K. Nathaniel, BSc (Poona) *D. T. Wettasinghe, BSc (Cey)

\* Working overseas

## ANNUAL REPORT FOR 1965

**STAFF—contd.**

District Advisory Officers			
<i>Uva</i> ... ..	...	L. M. de W. Tillekeratne, BSc (Cey), MEd (Calif)	
<i>Low Country</i> ... ..	...	J. V. Sabanayagam, BSA (Toronto)	
Technical Assistant ( <i>Uva</i> )	...	D. N. R. Wijewardena	
Photographer ... ..	...	D. J. M. Hettiarachchi	
Filing Clerk ... ..	...	K. L. de Alwis	

**LIBRARY AND PUBLICATIONS**

Editors of Publications	...	E. M. Chenery, BSc, PhD (Lond), ARCS, DIC
		R. L. de Silva, BSc (Cey), PhD (Lond), DIC
Librarian ... ..	...	D. J. S. de Silva, BSc (Punjab)

**ESTATES***St Coombs*

Agriculturist ... ..	...	L. A. Seevaratnam, BSc (Dunelm)
Head Factory Officer ... ..	...	V. A. Fernandez
Head Clerk ... ..	...	P. E. de Silva
Apothecary ... ..	...	S. P. de Silva

*St Joachim*

Superintendent ... ..	...	G. S. Muttettuwegama
Head Factory Officer ... ..	...	M. S. W. Wijeratne
Head Clerk ... ..	...	G. L. A. Thomas

**ADMINISTRATION**

Acting Chief Administrative Officer	A. C. Perera
Assistant Administrative Officer	S. Thiagarajah
Acting Secretary to the Director	G. A. S. Gunasinghe
Translator/Instructor ... ..	C. M. Fernando, BA (Cey)

*Accounts Section*

Accountant ... ..	...	Vacant
Accounting Assistant ... ..	...	A. H. B. Dias
Assistant Secretary ... ..	...	C. Kirthiratne, FCCS
Accounts Clerks ... ..	...	K. D. B. H. Abeygunawardena
		H. Attanayake
		G. A. K. P. de Silva
		N. M. Jayatilleke
		S. Kulasabanathan
		M. B. Palies
		T. R. B. Sally
		W. J. Samuel
		N. Satchiathananthan

*Typing Section*

Stenographers ... ..	...	F. G. de Sielvie
		S. A. L. H. Fernando
		P. W. Uduwawala
		S. D. J. J. Vitharnepathirana
Clerk Typists ... ..	...	J. N. Apasingha
		D. W. Bartholomeusz
		V. Kodagoda
		S. B. Wettewe

*Engineering Section*

Factory ... ..	...	O. J. Fernando
Electrical Foreman ... ..	...	W. R. Solomon
Clerk of Works ... ..	...	R. A. Daniel
Storekeeper ... ..	...	I. P. Dissanayake
Mechanics ... ..	...	D. A. S. Opatha
		K. S. Vadivelu
Electrician ... ..	...	W. A. C. de Silva

# The Tea Research Institute of Ceylon

## FORTIETH ANNUAL REPORT OF THE BOARD OF THE TEA RESEARCH INSTITUTE OF CEYLON FOR THE YEAR 1965

### Foundation

The Tea Research Institute of Ceylon was established by Ordinance No. 12 of 1925 dated 27th October 1925.

### Constitution

The Constitution of the Board is laid down in the Legislative Enactments of Ceylon (1956 revision) Cap. 438 and in the following Tea Research (Amendment) Acts :

- No. 8 of 1957 dated 18th March 1957
- No. 2 of 1959 dated 21st January 1959
- No. 3 of 1959 dated 21st January 1959
- No. 57 of 1961 dated 19th June 1961.

A consolidation is now necessary as the numbering of the sections in the amending Acts does not agree with the 1956 revision of the Legislative Enactments of Ceylon.

## MEMBERSHIP OF THE BOARD AND COMMITTEES

### THE BOARD

The members of the Board on 1st January 1965 were :

**Chairman** Mr F. Amarasuriya

### Ex-officio Members

*The Director of Agriculture*

Mr A. T. M. Silva

*The Honourable the Minister of Finance*

represented by Mr G. D. Loos

*The Chairman, Planters' Association of Ceylon*

Mr W. J. Childerstone

*The Chairman, Agency Section, Planters' Association of Ceylon*

Mr J. L. Capper

*The Chairman, Low-Country Products Association of Ceylon*

Mr P. Nadesan, CMG, OBE

*The Tea Controller*

Mr C. P. Chanimugam

*The Director, Tea Research Institute of Ceylon*

Dr E. M. Chenery

**Nominated Members***Appointed by the Planters' Association of Ceylon*

Mr S. P. Vytilingam  
 Mr W. T. Williams  
 Mr G. B. Middleton

*Appointed by the Agency Section, Planters' Association of Ceylon*

Mr P. J. C. Durrant  
 Mr H. A. Whittall  
 Mr D. A. Neale

*Appointed by the Low-Country Products Association of Ceylon*

Mr F. Amarasuriya  
 Mr S. Pathmanathan  
 Mr J. L. D. Peiris

*Appointed by the Honourable The Minister of Agriculture to represent the Small-holders*

Mr D. E. Hettiarachchi, JP, UM  
 Mr M. Rajendram, MBE, JP

*Appointed by the Honourable The Minister of Agriculture to represent the House of Representatives*

Vacant

<b>Secretary</b>	Mr G. M. Sparkes
<b>Solicitors</b>	Messrs Julius & Creasy
<b>Auditors</b>	Messrs Ford, Rhodes, Thornton & Co.

The following changes in membership of the Board were recorded during the year:

Mr D. C. L. Amerasinghe succeeded Mr. A. T. M. Silva from 2nd June.  
 Mr D. B. Ellepola succeeded Mr. P. Nadesan from 27th March.  
 Mr A. P. Fincher succeeded Mr. W. T. Williams from 1st September.  
 Mr A. G. Sharp-Paul acted for Mr. D. A. Neale during his absence on leave from 21st September.  
 Mr D. J. Ranaweera, MP, was nominated on 16th June for a period of three years.  
 Mr A. C. Perera succeeded Mr. G. M. Sparkes as Secretary from 1st October.

**Meetings**

Five meetings of the Board were held on 5th March, 21st June, 23rd August, 29th September and 13th December.

**THE ADMINISTRATIVE COMMITTEE**

The members of the Administrative Committee on 1st January were :

<b>Chairman</b>	<i>The Chairman, Board of the Tea Research Institute</i> Mr F. Amarasuriya
-----------------	---

**Members**     *The Director, Tea Research Institute*  
                   Dr E. M. Chenery

Mr J. L. Capper	Mr C. P. Channugam
Mr W. J. Childerstone	Mr G. D. Loos
Mr D. A. Neale	Mr S. P. Vytilingam

**Secretary**    *The Secretary, Board of the Tea Research Institute*  
                   Mr G. M. Sparkes

The following changes in membership occurred during the year :

Mr D. B. Ellepola was appointed to the Committee on 23rd August.  
 Mr A. C. Perera succeeded Mr. G. M. Sparkes as Secretary from 1st October.

### Meetings

Five meetings of the Committee were held during the year on 12th February, 4th March, 28th May, 12th November and 21st December.

## THE EXPERIMENTAL AND ESTATES COMMITTEE

The members of the Experimental and Estates Committee on 1st January were :

**Chairman**     *The Director, Tea Research Institute*  
                   Dr E. M. Chenery

### Ex-officio Members

*The Chairman, Board of the Tea Research Institute*  
 Mr F. Amarasuriya

*The Chairman, Planters' Association of Ceylon*  
 Mr W. J. Childerstone

*The Chairman, Agency Section, Planters' Association of Ceylon*  
 Mr J. L. Capper

*The Visiting Agent, St Coombs Estate*  
 Mr P. R. U. Easteal

*The Visiting Agent, St Joachim Estate*  
 Mr J. W. Craig

*The Senior Staff of the Tea Research Institute*

### Nominated Members

*Representing the Scientific Committee, TRI*  
 Mr S. P. Vytilingam  
 Mr H. A. Whittall  
 Mr A. P. Fincher

*Representing the District Planters' Associations :*

Badulla	...	Mr R. L. Harvey
Bandarawela	...	Mr P. G. Uglow
Dickoya	...	Mr A. Mackie
Dimbula	...	Mr P. C. Innes
Kandy	...	Mr C. Wijenaik
Kelani Valley	...	Mr R. C. H. Price
Nuwara Eliya	...	Mr R. K. Christie
Sabaragamuwa	...	Mr H. D. Ross
Southern Province	...	Mr D. E. Hettiarachchi

*Representing the Agency Section, Planters' Association of Ceylon*

Mr P. J. C. Durrant

*Representing the Tea Trade*

Mr D. A. Neale

**Convener/Secretary** Dr N. Shanmuganathan

The following changes in membership occurred during the year :

Mr A. P. Fincher succeeded Mr W. T. Williams from 11th September.

**Meetings**

The Committee held three meetings during the year; on 20th February, 8th May and 2nd October.

**THE APPOINTMENTS COMMITTEE**

The members of the Appointments Committee on 1st January were :

**Chairman** *The Chairman, Board of the Tea Research Institute*  
Mr F. Amarasuriya**Members** *The Director, Tea Research Institute*  
Dr. E. M. CheneryMr G. P. Chanmugam      Mr D. B. Ellepola  
Mr D. E. Hettiarachchi      Mr D. A. Neale  
Mr W. T. Williams**Secretary** *The Secretary, Board of the Tea Research Institute*  
Mr G. M. Sparkes

The following changes in membership occurred during the year :

Mr D. B. Ellepola succeeded Mr W. T. Williams from 29th September.

Mr A. C. Perera succeeded Mr G. M. Sparkes from 1st October.

**Meetings**

One meeting was held during the year on 4th March.

**THE BUILDINGS COMMITTEE**

<b>Chairman</b>	Mr S. P. Vytilingam
<b>Members</b>	<i>The Chairman, Board of the Tea Research Institute</i> Mr F. Amarasuriya <i>The Director, Tea Research Institute</i> Dr E. M. Chenery Mr G. B. Middleton                      Mr J. L. D. Peiris
<b>Secretary</b>	<i>The Secretary, Board of the Tea Research Institute</i> Mr G. M. Sparkes

The following changes occurred during the year :

Mr A. C. Perera succeeded Mr G. M. Sparkes from 1st October.

**Meetings**

Three meetings of the Committee were held during the year on 22nd January, 7th June and 4th November.

**THE LOW-COUNTRY STATION COMMITTEE**

The members of the Committee on 1st January were :

<b>Chairman</b>	<i>The Chairman, Board of the Tea Research Institute</i> Mr F. Amarasuriya
<b>Members</b>	<i>The Director, Tea Research Institute</i> Dr E. M. Chenery <i>The Visiting Agent, St Joachim Estate</i> Mr J. W. Craig <i>The Chief Administrative Officer, Tea Research Institute</i> Mr G. M. Sparkes Mr D. E. Hettiarachchi      Mr J. L. D. Peiris Mr S. P. Vytilingam
<b>Co-opted Members</b>	Mr R. A. G. McMichen              Mr M. Rajendram Mr V. G. W. Ratnayaka              Mr H. D. Ross
<b>Secretary</b>	<i>The Low-Country Scientific Officer, Tea Research Institute</i> Dr L. H. Fernando

The following changes in membership occurred during the year :

Mr D. B. Ellepola, Chairman, Low-Country Products Association was nominated by the Board on 23rd August.

**Meetings**

Three meetings of the Committee were held during the year on 13th February, 27th May and 29th September.

**THE SCIENTIFIC COMMITTEE**

The members of the Committee on 1st January were :

- Chairman**    *The Director, Tea Research Institute*  
                   Dr E. M. Chenery
- Members**    *The Chairman, Board of the Tea Research Institute*  
                   Mr F. Amarasuriya
- Mr A. P. Fincher                    Mr S. P. Vytilingam  
                   Mr H. A. Whittall
- Secretary**    *The Secretary, Board of the Tea Research Institute*  
                   Mr G. M. Sparkes

The following changes occurred during the year :

Mr A. P. Fincher succeeded Mr W. T. Williams from 29th August.  
 Mr A. C. Perera succeeded Mr G. M. Sparkes from 1st October.

**Meetings**

One meeting of the Committee was held during the year on 19th February.

**THE SCIENTIFIC ADVISORY COMMITTEE IN THE UNITED KINGDOM**

The members of the Committee on 1st January were :

- Chairman**    F. R. Tubbs, *CBE*, MA, PhD, ARCS, DIC  
                   (*Director, East Malling Research Station, Maidstone*)
- Members**    F. C. Bawden, MA, FRS  
                   (*Director, Rothamsted Experimental Station, Harpenden*)
- T. A. Bennet-Clark, MA, PhD, FRS  
                   (*Professor of Biology and Dean of the School of Biological Sciences,  
                   University of East Anglia, Norwich*)
- G. E. Blackman, MA, FRS  
                   (*Sibthorpian Professor of Rural Economy, University of Oxford,  
                   Oxford*)
- Convener**    F. R. Tubbs, *CBE*, MA, PhD, ARCS, DIC

There were no changes.

## THE COMMITTEE OF MANAGEMENT, TEA RESEARCH INSTITUTE JUNIOR STAFF MEDICAL FUND

The members of the Committee of Management on 1st January were :

The Chairman, TRI (Mr F. Amarasuriya), Mr W. J. Samuel and the Director, TRI (Dr E. M. Chenery).

## THE TRUSTEES OF THE TEA RESEARCH INSTITUTE STAFF PROVIDENT FUND

The Trustees were the Chairman, TRI (Mr F. Amarasuriya), Mr D. E. Hettiarachchi, Mr J. L. Capper, Mr M. K. Vychilingam and the Director, TRI (Dr E. M. Chenery).

There were no changes.

## VISITING AGENTS

Mr P. R. U. Eastal visited St Coombs on 23rd April, 19th July and 25th November, and Mr J. W. Craig visited St Joachim on 26th March, 21st July and 29th November.

## FINANCES

Income for the year totalled Rs. 5,484,660/-. This exceeded the income for the previous year by Rs. 589,800/-. The tea cess increased by Rs. 362,363/- as compared to a decrease of Rs. 20,615/- in the previous year. The profit from St Coombs Estate was Rs. 287,862/- as against Rs. 252,074/- in the previous year. The profit on St Joachim Estate was Rs. 77,381/- as against a loss of Rs. 47,955/- in the previous year. Other sources of income amounted to Rs. 200,809/- as against Rs. 134,497/- in 1964, viz: interest Rs. 56,301/-, Rent of caddy Rs. 2,670/-, Sales of Green leaf Rs. 5,072/-, Sale of clonal cuttings Rs. 10,970/-, Miscellaneous Receipts Rs. 125,796/-.

Revenue expenditure (excluding depreciation and depreciation on investments) increased to Rs. 3,783,177/- as compared with Rs. 3,178,668/- in the previous year.

Increases of expenditure were chiefly recorded in the following items :

Senior staff emoluments	Rs. 87,551.00
Intermediate staff emoluments	,, 73,519.00
Junior staff emoluments	,, 137,253.00
Minor staff emoluments	,, 39,375.00
Daily paid labour	,, 29,096.00
Scientific technical stores and general working expenses	,, 3,257.00
Maintenance of buildings	,, 16,421.00
General combined services	,, 22,168.00
Travelling of staff	,, 44,419.00
Low-Country Station, Ratnapura	,, 71,116.00
Miscellaneous emoluments	,, 559.00
Miscellaneous	,, 90,281.00
Decreases of expenditure occurred in the following items :	
Library and publications	,, 14,023.00
Administration	,, 7,367.00

Capital expenditure totalled Rs. 1,587,580/- against Rs. 3,755,408/- in the previous year, the main heads of expenditure being :

Buildings	Rs. 829,552.00
Land & development	„ 45,820.00
Furniture and equipment	„ 52,484.00
Laboratory equipment	„ 276,693.00
Machinery	„ 367,060.00

The sum of Rs. 829,552/- expended on buildings includes Rs. 592,536/- on buildings put on St Joachim Estate for the Low-Country Station. Accumulated depreciation at 31st December 1965 was Rs 4,600,277/-.

The liquid assets of the Institute totalled Rs. 3,653,720/- and the liabilities, including the outstanding balance of Rs. 1,833,333/- on the Government loan totalled Rs. 2,433,545/-.

### ACKNOWLEDGEMENTS

The Board records its thanks to the Ceylon Association in London, The Planters' Association of Ceylon, The Agency Section of the Planters' Association of Ceylon, The Low-Country Products Association and other Institutions for their continued support and co-operation in matters concerning the Institute and the tea industry in Ceylon

### AUDITORS

Messrs Ford, Rhodes, Thornton & Co., continued to act as Institute's Auditors. The Audited Statement of Accounts and Balance Sheet for the year ending 31st December 1965, are attached to this report.

A. C. PERERA  
*Secretary*

**SUMMARY MINUTES OF THE MEETING OF THE BOARD OF  
THE TEA RESEARCH INSTITUTE OF CEYLON, HELD IN  
TALAWAKELE, ON FRIDAY, 5th MARCH 1965, AT 9-30 A.M.**

**Present**—Messrs F. Amarasuriya (Chairman), J. L. Capper, C. P. Chanmugam, W. J. Childerstone, D. E. Hettiarachchi, G. D. Loos, G. B. Middleton, D. A. Neale, J. L. D. Peiris, M. Rajendram, S. P. Vytilingam, H. A. Whittall, W. T. Williams, Dr E. M. Chenery (Director, TRI) and Mr G. M. Sparkes (Secretary). Also present were Messrs A. C. Perera (Personal Assistant to the Director) and P. Pathmanathan (Assistant Administrative Officer).

Messrs P. J. C. Durrant, P. Nadesan and S. Pathmanathan intimated their inability to be present. Mr A. T. M. Silva was unable to be present.

**1 Minutes of the meeting of the Board held on 17th December 1964**

The minutes were approved.

**2 Matters arising from the minutes**

*Position re SACUK*

The Director said that SAUCK was a useful connection for the Institute to have in the UK both for consultation by the Director as well as for the assistance of the many post-graduates studying there. Dr Tubbs' advice and assistance were readily available to these scholars. He recommended that the Institute continue to avail itself of the services of this body of eminent scientists. After discussion it was unanimously agreed that the services of SACUK be retained and the Board be kept informed of their services as they arise.

**3 Membership of the Board and Committees**

*The Board*

It was reported that the Planters' Association of Ceylon had nominated Messrs W. T. Williams and S. P. Vytilingam as their representatives on the Board with effect from the 14th and 18th February 1965 respectively, for a further period of three years. The Chairman congratulated the two members.

**4 Minutes of the Administrative Committee Meetings held on 12th February 1965 and 4th March 1965**

(a) *Meeting of 12.2.65*

*Staff Provident Fund*

The Assistant Administrative Officer stated that the amendment to the Provident Fund had been approved by the Administrative Committee in August subject to the concurrence of the Commissioner of Labour and the Lawyers. The Lawyers had disagreed with the amendment which was a matter of policy. What was intended was that profits and interest arising from investments, should be apportioned in proportion to the amount standing to the credit of a member of the fund at 31st December. It was not the case that interest was being paid on these amounts.

The Board agreed that the word 'preceding' inserted by the lawyers in Rule 14(2) be deleted.

*Overtime for the Engineering Division*

The recommendation of the Committee to pay overtime on the gross salary to the staff of the Engineering Division was unanimously approved.

*Revision of salaries of the Junior & the Minor Staff*

The minutes of the Special Administrative Committee meeting held the previous day were tabled subject to the amendments suggested. Mr Loos requested that Mr Chanmugam and he be allowed to consult their respective Ministers before a decision was taken. They promised to convey their views before the end of the month. The minutes were approved.

The minutes of the Administrative Committee were approved unanimously subject to the amendments suggested.

**5 Minutes of the Scientific Committee Meeting held on 19th February 1965**

(a) *Seminars for Visiting Agents and Senior Superintendents*

The proposal was agreed to.

(b) *Policy in Research*

Mr Chanmugam inquired at what rate dressings of sulphate of ammonia per acre were applied and how it compared with the Indian levels, and with urea.

The Director said that heavy dressings of sulphate of ammonia were not always quite as good as people thought, owing to increases in soil acidity and availability of toxic manganese; dressings of about 1000 lb. per acre were quite common in Ceylon. With regard to urea, in East Africa there had been conflicting responses. One of its drawbacks in a wet climate was that it was washed into the deep subsoil too quickly. He had reviewed the Agricultural Chemist's evidence and thought that it was of no advantage at all. The real advantage with urea was that it was fairly easy to make and could be transported easily. However, it was going out of favour. Mr Capper said that in India urea was not used on tea as it was about 20% less effective than Sulphate of Ammonia. To a query by Mr Vytilingam the Director said urea was satisfactory as a foliar spray and that he would be experimenting on this aspect.

Mr Chanmugam next enquired why imports of magnesium sulphate and kieserite had gone up. It appeared to go into the tea trade and a rough idea of how much should be imported was required. The Director said it was not necessary to import these fertilizers as there was dolomite in Ceylon. Mr Capper said kieserite goes to the rubber industry and dolomite to tea as its calcium content was of value. The Director said that the Agricultural Chemist would be conducting formal experiments on these fertilisers.

The minutes of the Scientific Committee were unanimously approved subject to the amendments.

**6 Minutes of the Buildings Committee Meeting held on 11th December 1964 & 22nd January 1965**

**(a) Meeting of 11.12.64**

*New site for garage*

The Board approved in principle and directed that the final figures be submitted to the Buildings Committee.

*Improvements to Senior Staff Quarters 12*

The Board approved the estimate of Rs. 250/-

*Plan of Miniature Factory*

The Director said that it would be more profitable if Dr Kirtisinghe visited East Africa rather than Assam. He would discuss and settle it with Dr Kirtisinghe. The Board agreed.

*Improvements to District Advisory Officer's bungalow, Passara.*

The Board approved the estimate.

*Retaining wall for Minor Staff Quarters*

The Board approved the estimate of Rs. 908/30.

**(b) Meeting of 22.1.65**

*Dr Chenery's bungalow—Senior Staff Quarters No 6*

This item was deferred for the next meeting.

*Drain leading away from Senior Staff Quarters Nos 1 to 6*

The estimate of Rs. 3,858.75 was approved.

*Senior Staff Quarters Nos 13 & 14—Alteration to Dining Room Windows*

The estimate of Rs. 1000/- was approved.

*Tenders for Junior Staff Quarters Caddy and Engineering Stores*

The Board approved the tender of Messrs M. Y. Hemachandra & Co.

Regarding tube wells for water supply Mr Capper suggested the Institute consult Mr Adrian Wright.

The Minutes of the Buildings Committee meetings were approved unanimously.

Mr Whittall left the meeting at 12.10 p.m.

**7 Minutes of the Low-country Station Committee Meeting held on 13th February 1965**

*Acquisition*

The Board approved the enhanced purchase price of Rs. 50,000/- suggested

*Factory*

The Board approved the following increases in factory estimates:—

- (1) Taps Rs. 2,880/-
- (2) Fuel tank Rs. 1500/-
- (3) B. I. chimney Rs. 4800/-
- (4) Metal screen Rs. 980/-
- (5) Rollers Rs. 900/-
- (6) Sprinklers Rs. 3000/-
- (7) Experimental Section furniture Rs. 8000/-
- (8) Drains Rs. 3580/-
- (9) Name board Rs. 850/-
- (10) Fifteen inch Rotorvane Rs. 36,000/-

The Board agreed to accept the offer of Rs. 53,000/- for the troughs installed at Palmgarden.

*Labour lines*

The matter was still under negotiation and would be reported shortly.

*Water supply*

The estimate of Rs. 5,000/- was approved.

*Factory*

The estimates were approved.

*T R I buildings*

The Board approved provided that the total including the additional amounts did not exceed the estimates already approved. The final figures should be reported in due course showing what had been spent up to the previous year on buildings and the amount voted for the year.

*Cables*

The Board approved the increase in cost.

The minutes of the Low-country Station Committee meeting were approved unanimously subject to these amendments.

### **8 Minutes of the Appointments Committee meeting held on 4th March 1965**

The minutes of the Appointments Committee Meeting held the previous day were tabled.

(a) *Post of Superintendent, St Coombs*

After discussion the recommendation of the Committee was approved. The Director would decide on a designation, draw up a scheme of recruitment, advertise, and recruit. The amount of fees to be paid to the overlooking Superintendent for labour work would be decided by the Administrative Committee.

The Minutes were approved unanimously subject to the amendments suggested.

**9 Minutes of the Experimental & Estates Committee Meeting held on 20th February 1965**

The minutes were approved unanimously.

**10 Financial matters**

*Revotes*

The Board approved the revotes.

*Supplementary estimates*

The Board approved the following supplementary estimates :

- (a) Luncheons at TRI Symposia Rs. 6000/-
- (b) Three exit gates for St Coombs Rs. 663.75
- (c) Additional office peon for Accounts Division Rs. 2000/-
- (d) Biochemistry equipment for new laboratory Rs. 5000/-.

**11 Staff matters**

(1) *Post of Director*

The Board noted that Dr Chenery had arrived in the Island on 31.12.64. and assumed duties with effect from that date.

(2) *Appointments and resignations*

The following appointments and resignations were noted:

*Appointments*

Mr G. S. Muttettuwagama, Superintendent, St Joachim from 21.12.64  
 Mr W. Joseph, Research Assistant, Technology, from 1.1.65  
 Mr T. Alawattegama, Laboratory Assistant, Technology, from 4.1.65  
 Mr W. W. Wijedasa, Laboratory Attendant, Agricultural Chemistry from 15.1.65  
 Mr B. T. Ranasinghe, Electrician, St Joachim from 1.2.65  
 Mr W. A. C. de Silva, Electrician, St Coombs, from 1.2.65  
 Mr N. M. Jayatilleke, Accounts Clerk from 1.2.65  
 Mr P. Don Gunasena, Driver, from 22.2.65  
 Mr T. F. Saldin, Junior Technical Assistant, Technology, from 15.3.65  
 Mr K. Sivalingam, Junior Technical Assistant, Agricultural Chemistry, from 8.3.65  
 Mr A. Somaratne, Junior Technical Assistant, Agricultural Chemistry, from 1.4.65  
 Mr V. H. Perera, Junior Technical Assistant, Biochemistry Division from 1.1.65  
 Mr D. Janakiran, Junior Technical Assistant, Plant Propagation, from 1.4.65

*Resignations*

Mr T. A. E. Siriwardena, Driver, from 29.10.64  
 Mr C. Andrews, Superintendent, St Joachim from 23.12.64  
 Mr A. L. J. de Croos, Technical Assistant, from 19.1.65  
 Mr W. M. Bandaranaike, Research Assistant, from 10.1.65  
 Mr K. Govindasamy, Technical Assistant, from 25.1.65  
 Mr E. O. Stuart, Technical Assistant, from 28.2.65  
 Mr S. M. Kandasamy, Technical Assistant, from 31.3.65  
 Mr J. G. G. Tennekoon, Superintendent, St Coombs, from 30.4.65.

(3) *Authority to sign cheques*

On the proposal of Mr S. P. Vytilingam, seconded by Mr D. E. Hettiarachchi the Board resolved

“That Dr E. M. Chenery, Director, Tea Research Institute of Ceylon, be authorized to sign cheques on the following three current accounts in place of Dr A. W. R. Joachim with effect from 5.3.65.

- 1 Tea Research Institute of Ceylon.
- 2 Tea Research Institute Staff Provident Fund.
- 3 Tea Research Institute Junior Staff Medical Fund.”

(4) *The Board's Seal*

It was reported that the Board's Seal was affixed on Dr Chenery's contract on 12.2.65 in the presence of the Chairman. Covering sanction was granted.

(5) *C-Plan Scholarships*

The Board approved the following Colombo Plan Scholarships this year recommended by the Director:

- 1 Mr A. R. Sebastiampillai, Research Assistant, Plant Breeding
- 2 Mr G. R. Roberts, Research Assistant, Biochemistry
- 3 Mr S. Sivasubramaniam, Research Assistant, Agricultural Chemistry
- 4 Mr T. C. Z. Jayman, Technical Assistant, Agricultural Chemistry
- 5 Mr W. W. Redlich, Technical Assistant, Plant Pathology.

12 *Other Business*(1) *Disturbance allowance to officers in the Technology Division*

This item was deferred for consideration by the Administrative Committee.

(2) *Trade Union representations*

The Board invited the President and Secretary of the Junior and Minor Staff Unions to the meeting at 1.05 p.m.

The President of the Junior Staff addressing the Board said that for the last 14 years the members of the Junior Staff had co-operated with the Director and the Board and had been very peaceful. Whenever a request for an increase in salary had been made, the Board had brought the salaries and conditions of the staff down whereas living costs were increasing. It had come to a stage elsewhere that demands were granted only after a strike. They had repeatedly complained of the difficult conditions at St Coombs. Some members of the Board thought the salaries paid to its employees were high but when taking expenses into account it was not so. It was very difficult to make ends meet and he requested the Board to consider the just demands put forward by the Union and to be reasonable.

The Chairman on behalf of the Board thanked the President for the exemplary behaviour of the members of the Staff at the Institute and their co-operation with the Director and the Board. He said that he had been their Chairman for the last ten years and he bore in mind the attitude of the members of the Staff and how they had carried on the work of the Institute. He assured the two unions that there would be no lowering of salaries or conditions of service but their demands would be settled by the end of the month when everyone would be happy.

G. M. SPARKES  
*Secretary*

**SUMMARY MINUTES OF THE MEETING OF THE BOARD OF THE  
TEA RESEARCH INSTITUTE OF CEYLON HELD IN COLOMBO ON  
MONDAY, 21st JUNE 1965, AT 9.00 A.M.**

**Present**—Messrs F. Amarasuriya (Chairman), J. L. Capper, C. P. Chanmugam, W. J. Childerstone, P. J. C. Durrant, D. B. Ellepola, D. E. Hettiarachchi, G. D. Loos, G. B. Middleton, D. A. Neale, S. Pathmanathan, J. L. D. Peiris, M. Rajendram, S. P. Vytilingam, H. A. Whittall, W. T. Williams Dr E. M. Chenery (Director, TRI) and Mr G. M. Sparkes (Secretary). Also present was Mr A. C. Perera (Personal Assistant to the Director).

Messrs D. C. L. Amerasinghe and D. J. Ranaweera, MP, intimated their inability to be present.

**1 Minutes of the meeting of the Board held on 5th March 1965**

The minutes were confirmed.

**2 Matters arising from the minutes**

*Pembroke Bungalow*

The Chief Administrative Officer stated that the Company had now agreed to grant the right of way and water service to the bungalow. The lawyers were pursuing the matter.

*Augmentation of Provident Fund*

To a query from Mr Vytilingam the Chief Administrative Officer stated that the figures had been computed and that the next step was for these figures to be audited.

*Post of Superintendent, St Coombs Estate*

The Board formally approved the appointment of Mr L. A. Seevaratnam as Agriculturist.

*Post of Tea Taster*

The Board formally approved the appointment of Mr C. H. Wickremasinghe as Tea Taster.

**3 Membership of the Board and Committees**

*The Board*

It was reported that :

- (1) Mr D. C. L. Amerasinghe had succeeded Mr A. T. M. Silva as Director of Agriculture with effect from 1.6.65;
- (2) Mr D. B. Ellepola, BSc, CBE, had succeeded Mr P. Nadesan as Chairman, Low-Country Products Association of Ceylon with effect from 27.3.65;
- (3) Mr D. J. Ranaweera, MP, had been nominated to represent the House of Representatives with effect from 16.6.65.

The Chairman informed the meeting that Mr A. T. M. Silva had sent a letter expressing his good wishes to the Board on relinquishing office. The Chairman thanked the outgoing members for their services and welcomed the new members. The Board applauded.

**4 Minutes of the Administrative Committee Meeting held on 28th May 1965**

(1) *Special increments and promotions*

The Board approved the Director's scheme to grant special increment and promotions to the members of the staff, provided prior approval of the Board *via* the Administrative Committee was obtained.

(2) *Supplementary estimates*

The Board approved the supplementary estimates.

(3) *Request from the Assistant Director, Rize TRI, Turkey*

The recommendation of the Committee was approved.

On the proposal of Mr Hettiarachchi, seconded by Mr Vytilingam the minutes of the Administrative Committee were approved *mutatis mutandis*.

**5 Minutes of the Buildings Committee Meeting held on 7th June 1965**

(1) *Programme and plans for 1963*

The Board decided to leave the matter in the hands of the Buildings Committee.

(2) *Integration of estate building programme with Institute building programme*

The Board approved.

(3) *Quarters for extension officers*

The Board approved.

(4) *Low-country buildings*

The Board approved.

On the proposal of Mr Capper, seconded by Mr Williams the minutes were unanimously approved.

**6 Minutes of the Low-country Station Committee Meeting held on 27th May 1965**

On the approval of Mr J. L. D. Peiris, seconded by Mr J. L. Capper the minutes were unanimously approved.

**7 Minutes of the Experimental & Estates Committee Meeting held on 8th May 1965**

(1) *Visiting Agent's report on St Coombs Estate*

The Board approved the bonuses for St Coombs Estate staff.

(2) *Shade on St Coombs Estate*

The Board approved the policy of cutting out shade.

(3) *Co-operative experiments*

The paper on co-operative experiments tabled was noted.

The Director said that this programme had been very well received.

The Board approved the sum of Rs 55,000/- for initial expenses for experiments.

The minutes were approved unanimously.

**8 Staff matters**(1) *Leave*

The following were noted:

- 1 Mr J. A. H. Tolhurst, Deputy Director & Agricultural Chemist was on overseas leave from 1.6.65 to 29.9.65;
- 2 Dr A Kerr, Adviser in Plant Pathology was on overseas leave from 13.6.65 to 12.9.65;
- 3 Mr J. E. Cranham, Entomologist was on overseas leave from 23.6.65 to 24.9.65;
- 4 Mr C. B. Foster-Barham, Chief Advisory Officer was on overseas leave from 2.7.65 to 3.10.65;
- 5 Mr W. Joseph, Research Officer, Technology Division, left for training in Mechanical Engineering on a scholarship awarded by the Federation of British Industries, UK, on 23.4.65;
- 6 Dr G. W. Sanderson, Biochemist, returned from overseas leave on 8.3.65.

(2) *Opening of a bank account*

The Board formally approved Papers 1965/73-B and 1965/87-B 18.

**9 Supplementary estimates**

## Item (5) Biochemistry Division

Capital equipment (increase in Vote under Head A Item No 50)	Rs. 2,000.00
Consumable (Glassware, organic chemicals and spare parts)	,, 13,000.00
Item (6) National cash accounting machine	,, 40,000.00
Item (7) Mains failure set for St Joachim	,, 74,000.00
Item (8) Community centre furniture (token vote)	,, 2,000.00

The supplementary estimates were approved.

**Other Business**(1) *Appointments and resignations**Appointments*

Mr L. A. Seevaratnam, Agriculturist, from 5.4.65.

Mr C. H. Wickremasinghe, The Taster, from 1.6.65.

Mr K. M. B. A. Dias, Mechanic, Low-country Station, Ratnapura, from 1.1.65.

*Resignations*

Mr J. G. G. Tennekoon, Superintendent, St Coombs Estate, from 30. 4. 65.

Dr H. N. Hasselo, Chief Agronomist, from 7.7.65.

Dr S. C. Wanigaratne, Research Officer in Agronomy, Low-country Station, Ratnapura, from 1.5.65.

Mr M. H. Ariyaratne, Establishment Clerk, from 15.4.65.

Mr D. S. Jayasekera, Library Assistant, from 21.5.65.

Mr T. M. F. Burah, Laboratory Attendant, Agricultural Chemistry, from 1.6.65.

Mr P. Pathmanathan, Assistant Administrative Officer, from 18.7.65.

(2) *Board Seal*

It was reported that the Board's Seal was impressed on the Agreement with the FSSU *re* Dr Sanderson and Mr Tolhurst on 28.5.65.

The Board granted permission for affixing the Board's Seal on the agreement for opening a bank account for the District Advisory Officer, Passara.

(3) *The Tea Quarterly*

The Director said that summaries of Board minutes were appearing in *The Tea Quarterly* which was a scientific journal. He wished to publish these minutes in Part I of the Annual Report in the future. The Board agreed.

The meeting terminated at 12.45 p.m.

G. M. SPARKES  
*Secretary*

**SUMMARY MINUTES OF THE MEETING OF THE BOARD OF THE  
TEA RESEARCH INSTITUTE OF CEYLON, HELD IN COLOMBO,  
ON MONDAY, 23rd AUGUST 1965, AT 9.00 A.M.**

**Present**—Messrs F. Amarasuriya (Chairman), D. C. L. Amerasinghe, J. L. Capper, C. P. Chanmugam, P. J. C. Durrant, D. B. Ellepola, D. E. Hettiarachchi, G. D. Loos, G. B. Middleton, D. A. Neale, S. Pathmanathan, M. Rajendran, S. P. Vytlingam, W. T. Williams, Dr. E. M. Chenery (Director TRI), and Mr G. M. Sparkes (Secretary). Also present was Mr A. C. Perera (Personal Assistant to the Director).

Messrs. W. J. Childerstone and H. A. Whittall had written regretting their absence. Messrs J. L. D. Peiris and D. J. Ranawecera were unable to be present.

**1 Minutes of the meeting of the Board held on 21st June 1965**

The minutes were approved.

**(1) *Miniature factories for the Hantane & Passara Sub-stations***

The Secretary said that tenders were called for by newspaper advertisement and had been awarded to the two lowest tenderers as follows:

Shelton Brothers, Kandy—Rs. 19,791.80 (Hantane)  
K. J. Davithsingho, Debedde Rs. 19,656.90 (Passara)  
The Board approved.

**(2) *C T C machinery***

The Director stated that quotations had been called for from the two firms manufacturing these machines. He hoped to purchase two machines from each firm for experimental purposes at St Coombs and St Joachim. The Board approved.

**2 Membership of the Board and Committees**

*The Board*

The Chairman welcomed Mr D. C. L. Amerasinghe, Director of Agriculture to the Board.

*Administrative Committee*

Mr D. B. Ellepola was nominated to serve on the Administrative Committee with effect from 23.8.65.

*Low-country Station Committee*

Mr D. B. Ellepola had requested that he be co-opted to the Low-country Station Committee. The Board approved.

The Chairman brought to the notice of the Board that Mr W. T. Williams had tendered his resignation from the Board with effect from 31.8.65 as he was leaving Ceylon in early October. It was noted that a nomination would be made by the Planters' Association. The Chairman thanked Mr Williams for his valuable service over the years. The Board applauded.

### 3 Supplementary estimates

The Board approved a supplementary sum of Rs. 250/- as overtime for the Low-country Station, Ratnapura under Vote 14, sub-head 5.

### 4 Other business

#### (1) *Appointments & resignations*

##### 1 *Appointments*

Mr C. M. Bavanather, Office Attendant, from 15.6.65  
Mr. T. N. Buhar, Driver/Office Attendant, Passara Sub-station, from 1.6.65.

##### 2 *Resignations*

Mr L. S. Weragoda, Technical Assistant, from 31.1.65.  
Mr S. A. Piyasena, Temporary Watcher, from 30.4.65.  
Mr L. A. Gunapala, Watcher, from 1.7.65.  
Mr Nestor Peiris, Stenographer, from 14.7.65.  
Mr J. P. J. E. Navaratne, Records Clerk, from 23.8.65.

##### 3 *Scholarships*

Mr. A. R. Sebastianpillai, Research Officer, Plant Breeding proceeded to the U K on 6.8.65.

Mr D. Janakiran, Technical Assistant, Division of Plant Propagation proceeded to India on 8.7.65.

#### (2) *The Board's Seal*

##### 1 *Pembroke Bungalow*

The Secretary said the deed of transfer was held up last year due to a legal bar arising from the proposed Control of Acquisition Act. When Parliament was dissolved the Act lapsed. The lawyers had been informed that there was a proposal to reintroduce the Act. It was, therefore, necessary that a fresh resolution be passed by the Board as the members mentioned in the previous resolution were not now on the Board.

On the proposal of Mr J. L. Capper, seconded by C. P. Chanmugam the Board approved the following resolution :

“Resolved that the Board do sell and convey the property and premises called Pembroke Bungalow situated at Nagoda in the district of Kalutara and its appurtenant rights at, or for the price, or sum of Rs. 15,000/-.

Further resolved that the Seal of the Board be affixed to the Deed of Transfer covering the said transaction in the presence of Mr F. Amarasuriya, Chairman, The Board of the TRI; Mr J. L. D. Peiris, and Dr E. M. Chenery, Director, TRI, who were members of the Board”.

The Board also approved the affixing of the Board's Seal on the formal receipt for the purchase price.

(2) *Miniature factories for the Hantane & Passara Sub-stations*

The Board granted authority for affixing the Seal on the contract documents for the above, on the proposal of Mr J. L. Capper, seconded by Mr C. P. Chanmugam.

(3) *Extension to the District Advisory Officer's bungalow—Passara*

On the proposal of Mr. J. L. Capper, seconded by Mr C. P. Chanmugam the Board granted permission for affixing the Board's Seal on the contract for the above.

3 *UPASI Conference on 6.9.65*

The Board approved that Mr S. P. Vytilingam and Dr R. L. de Silva should be Board and Institute representatives respectively at the above conference.

4 *The Director's leave*

The Director said that he proposed to go to the U K *via* Japan next year when on leave to inspect their Mechanical pluckers and driers. The Board approved.

The meeting terminated at 1.10 p.m.

G. M. SPARKES  
*Secretary*

**SUMMARY MINUTES OF THE MEETING OF THE BOARD OF THE  
TEA RESEARCH INSTITUTE OF CEYLON, HELD IN COLOMBO  
ON MONDAY, 13th DECEMBER 1965, AT 9.00 A.M.**

**Present**—Messrs F. Amarasuriya (Chairman), J. L. Capper, W. J. Childerstone, C. P. Chanmugam, A. P. Fincher, D. E. Hettiarachchi, G. D. Loos, G. B. Middleton, S. Pathmanathan, J. L. D. Peiris, M. Rajendram, D. J. Ranaweera, M.P., A. G. Sharp-Paul, S. P. Vytilingam, H. A. Whittall, Dr E. M. Chenery (Director, TRI) and Mr. A. C. Perera (Secretary).

Dr L. H. Fernando (Assistant Director) and Mr S. Thiagarajah (Assistant Administrative Officer) were also present.

Messrs D. B. Ellepola and P. J. C. Durrant intimated their inability to be present.

**1 Minutes of the meeting of the Board held on 23rd August 1965**

The minutes were confirmed.

**2 Matters arising from the minutes**

*Instant Tea*

Reported that Messrs. Ceytea Ltd. had by their letter dated 24.11.65 informed that the ownership had changed over to Messrs Unilevers Ltd.

**3 Minutes of the Low-country Station Committee meeting held on 29th September 1965**

*Spring in experimental section*

Dr L. H. Fernando said that the water on the floor of the experimental section had been traced to a leak in the pipeline. This defect has now been remedied.

On the proposal of Mr J. L. Capper, seconded by Mr S. P. Vytilingam the minutes were approved subject to the amendments agreed to.

**4 Minutes of the Buildings Committee meeting held on 4th November 1965**

**(1) Junior Staff Quarters**

The supplementary statement of expenditure sent by the Architects was approved.

**(2) Scientific Stores**

In reply to Mr Chanmugam the Director said that adequate storage space was urgently required for fertilizers and equipment which had been lying around in the back passage of the laboratory. Also that a dry store was needed for CAN. This prompted an enquiry regarding the price of CAN by Mr Chanmugam. Mr Capper replied that originally a small consignment of 50 tons of CAN was imported. The difference in price of CAN and sulphate of ammonia in Ceylon was entirely due to the difference in freight.

Sulphate of ammonia had a preferential freight rate which CAN was not entitled to. He hoped that when larger quantities of CAN were imported it might be possible to obtain preferential freight rates. Regarding the difference between Indian and Ceylon prices, Mr Capper said that in Ceylon they had to pay 12½ per cent duty. There was no duty on fertilizer in India.

(3) *Maintenance Work*

The Board noted that as from 1st January 1966, the Engineering Department would be carrying out all maintenance work under the supervision of the Factor and the Clerk of Works.

(4) *Proposed improvements to St Coombs factory*

Mr W. M. Appuhamy's tender for Rs. 55,190/80 for the proposed improvements to St Coombs factory extension, being the lowest tender, was accepted.

On the proposal of Mr J. L. Capper, seconded by Mr S. P. Vytilingam, the minutes were approved subject to the amendments agreed to.

**5 Minutes of the Experimental & Estates Committee meeting held on 2nd October 1965**

In reply to Mr Channugam, the Director said that an article on methyl bromide for *Poria* control would be published shortly.

(2) *Retiring allowance*

(1) In reply to Mr Childerstone, Mr Seevaratnam said that the retiring allowance had been estimated on an arbitrary basis but payments would be made in accordance with C E E F regulations. Mr Seevaratnam was requested to frame his estimates for future years on the actual number of retiring labourers.

On the proposal of Mr J. L. Capper, seconded by Mr S. P. Vytilingam the St Coombs and St Joachim estate estimates for 1966 and the minutes of the meeting of the Experimental & Estates Committee were approved.

**6 Minutes of the Administrative Committee meeting held on 12th November 1965**

(1) *Fixed Assets Register*

The Board approved the Committee's recommendation but requested that the Government Valuer be asked to value the Institute's land and buildings.

(2) *Accounts as at 31st August 1965*

In reply to Mr Loos the Secretary said that a sum of Rs. 1,000,000/- was placed on fixed deposit for a period of six months on 20.10.65. The accounts were approved.

(3) *Revotes (Rs. 12,700.39), Transfer of votes (Rs. 22,206.00) and Supplementary Votes (Rs. 88,600.00).*

The re-votes, transfer of votes and supplementary votes were approved Messrs Loos, Channugam and Rajendram dissented.

Mr J. L. Capper left the meeting at this stage.

(4) *Dr D. Kirtisinghe, Technologist*

Dr Kirtisinghe's appointment as Technologist was confirmed as from 15th October 1965.

(5) *General conditions of service*

Tea—The Board approved the following *free* issues of tea :

Married officers	2 lb. B M
	1 lb. B O P
Unmarried officers	1 lb. B M
	1 lb. B O P

Additional requirements of tea could be purchased at market prices.

(6) *Professor G. E. Blackman, FRS, Member, Scientific Advisory Committee in the U K*

The Director said that Professor Blackman's air passage (1st class) London-Kuala Lumpur would be paid by the Rubber Research Institute of Malaya. The Australian Academy of Science would pay his fare from Singapore round Australia and back to Colombo. The passage from Colombo to the U K would be the TRI contribution. The Chairman said that Professor Blackman's stay for a few days at the TRI St Coombs would be of considerable help to the scientific officers as he helped us very much during his last visit. The Board after discussion agreed to grant Professor Blackman's air passage from Colombo to the U K.

(7) *Item (3)—TRI Sports Club*

The Board approved an increased grant to the Club Rs. 4,000/- per annum. It was noted that this amount was not included in the estimates for 1966.

On the proposal of Mr Vytilingam, seconded by Mr D. E. Hettiarachchi the Administrative Committee meeting minutes were approved.

**7 Staff matters***Dr N. Shanmuganathan*

The Director's recommendation that Dr Shanmuganathan be appointed Head of the Plant Pathology Division from 1.1.1966 was approved.

**8 Other Business**(1) *Appointments, Resignations, etc.*

The following were noted :

(a) *Appointments*

Mr A. S. B. Gomez, Technical Assistant, Plant Propagation Division from 1.10.65.

Mr S. R. Fernando, Technical Assistant, Plant Pathology Division from 1.12.65.

Mr T. A. Munasinghe, Technical Assistant, Technology Division from 1.11.65.

Mr T. Manivasagar, Technical Assistant, Nematology Division from 1.12.65.

Mr S. Wimaladharma, Technical Assistant, Plant Physiology Division from 1.1.66.

(b) *Resignations*

Mr K. G. A. Dharmawardene, Research Assistant, Technology Division from 1.10.65.

(c) *Retirements*

Mr M. Piyasena, Senior Technical Assistant, Plant Physiology Division from 31.1.66.

Mr V. Mendis, Senior Technical Assistant, Agricultural Chemistry Division from 31.1.66.

Mr J. A. H. Tolhurst, Agricultural Chemist, on 29.9.65.

Mr J. E. Cranham, Entomologist, on 23.9.65.

Dr A. Kerr, Adviser in Plant Pathology on 12.9.65.

Mr C. B. Foster-Barham, Chief Advisory Officer on 4.10.65.

(c) *Returned from post-graduate training*

Dr W. Danthanarayana, Research Officer, Entomology, on 23.9.65.

Dr P. Sivapalan, Research Officer, Nematology, on 19.11.65.

The Board recorded its appreciation of the loyal services rendered to the Institute by the following retiring officers :

- (1) Mr M. Piyasena, Senior Technical Assistant, Plant Physiology Division, retiring after 35 years of service.
- (2) Mr V. Mendis, Senior Technical Assistant, Agricultural Chemistry Division, retiring after 36 years of service.
- (3) Mr F. G. de Selve, Chief Stenographer, retiring after 30 years of service.

2 *The Board's Seal*

It was reported that the Board's Seal was affixed on the following documents :

- (1) Deed of Transfer Pembroke Bungalow
- (2) Formal receipt for the purchase of above bungalow
- (3) Agreement for miniature factories at the Hantane & Passara Sub-stations
- (4) Agreement for the extension to the District Advisory Officer's bungalow, Passara
- (5) Agreement for the opening of a Bank Account for the District Advisory Officer, Passara.

Authority was granted to affix the Board's Seal on the following papers :

- (1) Soil bins field recorders room — W. M. Appuhamy
- (2) Factory extension, St Coombs — W. M. Appuhamy
- (3) Scientific stores — W. M. Appuhamy
- (4) Minor staff quarters — W. M. Appuhamy
- (5) Engineering stores—Messrs M. Y. Hemachandra & Co. Ltd.
- (6) Junior Staff Quarters—Messrs M. Y. Hemachandra & Co. Ltd.

The meeting terminated at 2.00 p.m.

A. C. PERERA  
*Secretary*



**TEA RESEARCH INSTITUTE OF CEYLON**

Schedule 2

36

**ST JOACHIM ESTATE WORKING ACCOUNT FOR THE YEAR ENDED 31st DECEMBER 1965**

1964 Rs.		Rs.	cts.	Rs.	cts.	1964 Rs.		Rs.	cts.	Rs.	cts.
	<b>ESTATE EXPENDITURE</b>						<b>TEA SALES—GROSS PROCEEDS</b>				
	General Charges ... ..	123,896.04					Colombo ... ..	325,028	lbs.		571,093.78
	Field Work and Cultivation ... ..	125,355.74					Local BOP ... ..	36	"		64.45
	Production ... ..	220,923.01					Local BM ... ..	461	"		184.40
382,113	Other Charges ... ..	3,537.51		473,712.30			Local Dust ... ..	4,082	"		1,646.16
							Gratis ... ..	4	"		
	<b>CHARGES</b>							329,611			572,988.79
	Colombo Brokerage and Handling Charges ... ..			12,563.96							
	Ad Valorem Sales Tax ... ..			11,739.21		333,431	Sale of Green Leaf ... ..	10,869	lbs.		2,412.90
47,955	Debit Tax on Sales Tax ... ..			7.50							
	Balance to Income and Expenditure Account ... ..			77,381.47		585	Profit on Rubber Area ... ..				
						142	Sale of Clonal Cuttings ... ..				
							Ground Rent ... ..				2.75
<u>334,158</u>				<u>Rs. 575,404.44</u>		<u>334,158</u>				<u>Rs. 575,404.44</u>	

**ST COOMBS ESTATE WORKING ACCOUNT FOR THE YEAR ENDED 31st DECEMBER 1965**

1964 Rs.		Rs.	cts.	Rs.	cts.	1964 Rs.		Rs.	cts.	
	<b>ESTATE EXPENDITURE</b>						<b>TEA SALES—GROSS PROCEEDS</b>			
	General Charges ... ..	123,792.47					Colombo ... ..	395,538	lbs.	1,033,120.28
488,030	Field Work and Cultivation ... ..	109,412.64					Local BOP ... ..	3,740	"	6,591.42
	Production ... ..	391,234.90		624,440.01			Local BM ... ..	14,219	"	11,867.24
							Technology Division ... ..	424	"	987.92
14,442	Colombo Brokerage and Handling Charges ... ..			18,573.53			Gratis ... ..	5,417	"	
161,062	Ad Valorem Sales Tax ... ..			129,305.66		897,334				1,052,566.86
163	Debit Tax on Sales Tax ... ..			87.99						
252,074	Balance to Income and Expenditure Account ... ..			287,862.03		18,437	Sale of Clonal Cuttings ... ..			7,702.36
<u>915,771</u>				<u>Rs. 1,060,269.22</u>		<u>915,771</u>				<u>Rs. 1,060,269.22</u>

ANNUAL REPORT FOR 1965



**TEA RESEARCH INSTITUTE OF CEYLON**  
FIXED ASSETS AS AT 31st DECEMBER 1965

	Cost as at 31. 12. 64	Additions 1965	Adjustments		Disposals	Net Cost as at 31. 12. 65	Depreciation to 31. 12. 64	Depreciation in 1965		Accumulated Depreciation to 31. 12. 65	Written down value at 31. 12. 65
			Debit	Credit				Rate	Amount		
St Coombs Estate—Land	1,338,533.37	21,532.47	—	—	—	1,360,065.84	—	—	—	—	1,360,065.84
St Joachim Estate—Land	654,481.65	24,288.55	—	—	—	678,770.20	—	—	—	—	678,770.20
Water Supply—St. Coombs	627,328.56	3,721.38	—	—	—	631,049.94	349,472.00	10%	62,732.85	412,204.85	218,845.09
Water Supply—St. Joachim	23,203.45	12,242.01	—	—	—	35,445.46	3,835.80	10%	2,320.34	6,156.14	29,289.32
Laboratory & Office—St. Coombs	806,748.18	49,094.32	—	—	—	855,842.50	177,966.67	4%	32,273.92	210,240.59	645,601.91
Laboratory & Office—St. Joachim	—	—	—	—	—	—	—	—	—	—	—
Senior Staff Bungalows—St. Coombs	1,162,988.42	9,933.18	—	—	—	1,172,921.60	281,371.58	4%	46,519.53	327,891.11	845,030.49
Senior Staff Bungalows—St. Joachim	—	—	—	—	—	—	—	—	—	—	—
Intermediate Staff Bungalows—St. Coombs	369,624.43	19,052.18	—	—	—	388,676.61	28,831.38	4%	14,784.97	43,616.35	345,060.26
Intermediate Staff Bungalows—St. Joachim	—	—	—	—	—	—	—	—	—	—	—
Junior Staff Bungalows—St. Coombs	1,658,810.39	80,599.73	—	—	—	1,739,410.12	227,102.95	4%	66,352.41	293,455.36	1,445,954.76
Junior Staff Bungalows—St. Joachim	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous Buildings—St. Coombs	820,639.08	41,438.33	—	—	—	862,077.41	244,964.05	4%	32,825.56	277,789.61	584,287.80
Miscellaneous Buildings—St. Joachim	—	—	—	—	—	—	—	—	—	—	—
Sundry Buildings—St. Coombs	770,694.50	675.00	—	—	—	771,369.50	333,387.76	4%	30,827.78	364,215.54	407,153.96
Norris Memorial Club	68,080.36	—	—	—	—	68,080.36	12,890.38	4%	2,723.21	15,613.59	52,466.77
Factory—St. Coombs	480,749.47	14,011.51	—	—	—	494,760.98	327,599.31	4%	19,229.97	346,829.28	147,931.70
Factory—St. Joachim	940,329.44	182,283.57	—	10,101.84	—	1,112,511.17	404.07	4%	37,613.17	38,017.24	1,074,493.93
Buildings—St. Joachim	1,832,534.66	410,253.85	—	—	15,000.00	2,227,788.51	36,195.97	4%	73,301.38	109,497.35	2,118,291.16
Hantane Sub-Station	257,387.13	1,367.50	—	—	—	258,754.63	60,916.82	10%	25,738.71	86,655.53	172,099.10
Passara Sub-Station	90,974.25	20,847.47	—	—	—	111,821.72	24,344.26	10%	9,097.42	33,441.68	78,380.04
Kottawa Sub-Station	128,491.00	—	—	—	—	128,491.00	33,074.91	10%	12,849.10	45,924.01	82,566.99
Furniture—St. Coombs	712,098.73	20,317.38	—	—	—	732,416.11	300,031.58	10%	71,209.87	371,241.45	361,174.66
Furniture—St. Joachim	38,498.59	12,400.05	—	—	—	50,898.64	4,339.86	10%	3,849.85	8,189.71	42,708.93
Fixtures—St. Coombs	230,060.40	4,411.69	—	—	1,909.20	232,562.89	189,073.16	10%	23,006.04	212,079.20	20,483.69
Fixtures—St. Joachim	14,665.00	—	—	—	—	14,665.00	2,459.60	10%	1,466.50	3,926.10	10,738.90
Office Equipment—St. Coombs	135,029.83	14,686.35	—	—	—	149,716.18	57,527.02	10%	13,502.98	71,030.00	78,686.18
Office Equipment—St. Joachim	19,246.18	670.00	—	—	—	19,916.18	1,681.55	10%	1,924.61	3,606.16	16,310.02
Laboratory Equipment and Sundry Machinery St. Coombs	1,052,473.21	276,693.01	292.50	—	—	1,329,458.72	496,876.36	10%	105,247.32	602,123.68	727,335.04
Laboratory Equipment and Sundry Machinery St. Joachim	9,579.58	—	53,000.00	—	53,000.00	9,579.58	1,915.91	10%	957.95	2,873.86	6,705.72
Estate Machinery—St. Coombs	481,237.65	34,628.89	—	—	1,205.00	514,661.54	278,683.72	10%	48,123.76	326,807.48	187,854.06
Estate Machinery—St. Joachim	634,813.94	332,432.30	—	—	—	967,246.24	—	10%	63,481.39	63,481.39	903,764.85
Vehicles	441,396.39	—	—	—	—	441,396.39	261,286.91	25%	62,083.78	323,370.69	118,025.70
	<b>Rs. 15,800,697.84</b>	<b>1,587,580.72</b>	<b>53,292.50</b>	<b>10,101.84</b>	<b>71,114.20</b>	<b>17,360,355.02</b>	<b>3,736,233.58</b>		<b>864,044.37</b>	<b>4,600,277.95</b>	<b>12,760,077.07</b>