Rubber Research Institute of Sri Lanka

Action Plan 2025

Content

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Introduction

The origin of rubber research in Sri Lanka goes back to 1909, when a group of planters in the Kalutara District got the service of a chemist to study the coagulation of rubber. This was later expanded to form a Rubber Research Scheme in 1913 and then named as the Rubber Research Institute of Ceylon (now Sri Lanka) in 1951showing that the Rubber Research Institute of Sri Lanka (RRISL) is the oldest Research Institute in the world. It has a proud record of service to the industry, in all the agronomic and Technological aspects.

RRISL is the nodal agency in Sri Lanka having the statutory responsibility for research and development (R & D) on all aspects of rubber cultivation, processing and product development for the benefit of the rubber industry. The institute carries out R & D on agronomy and biology of the crop, the chemistry of natural rubber and technologies of product manufacture together with environmental and socioeconomics aspects of all subsections. Further, the institute is committed towards technology transfer activities and training of extension personnel and other stakeholders. Accordingly, it has five biological research Departments. i.e. Genetics & Plant Breeding, Plant Science, Plant Pathology & Microbiology, Soils & Plant Nutrition and Biochemistry & Plant Physiology and four Chemistry and Technology Departments i.e. Raw Rubber Process Development & Chemical Engineering, Raw Rubber & Chemical Analysis, Polymer Chemistry and Rubber Technology & Development. Technology transfer is carried out by the Advisory Services Department together with the unit/section of Adaptive Research, Biometry, Agricultural Economics and Audio Visual & Information Technology. Administration department, Accounts section and Works section support the R & D activities conducted by the above departments and units / sections.

Organizational Structure and Arrangements

The organizational structure is summarized in Diagram 1- (page10).

Assignment of Responsibilities, Authority and Accountability

The Director as the Chief Executive Officer of the Institute is responsible for all the research and development activities, and administrative and financial affairs of the Institute under the general direction and control of the Rubber Research Board. The responsibility and authority for execution of the research, advisory and administrative plan of each department lies with the Head of the relevant department/section. The Deputy Directors are expected to assist the Director and Additional Director in discharging their executive functions in the relevant subjects.

Authority of the Organization

According to the Rubber Research Ordinance (No. 10 of 1930), a Rubber Research Board has been established for the purpose of furthering and developing the rubber industry. The Board governs a Rubber Research Institution with the view of managing, conducting, encouraging and promoting scientific research with respect to rubber cultivation, processing and product manufacture and dealing with all issues connected with the rubber industry. The areas covered are development of new clones, production of quality planting material, cultivation and management of rubber plantations, prevention and control of pest and diseases, beneficial soil microbiology and other microbiological aspects , harvesting rubber trees for latex, soil and moisture management, , plant physiological aspects, rubber based farming systems, expansion of rubber cultivation to new areas and impact assessment on rural livelihood, carbon sequestration & environmental impacts, raw rubber processing and conversion into marketable products, treatment of rubber factory effluents and providing of advisory services. This Ordinance has been amended from time to time; the most recent introduction has been the “Rubber Research Bill Part II of April 2003 with the amendment No. 28”.

Our Clients

Management staff and workers of all Estates and Smallholders are important clients of the institute. Close links have been established between all these groups by constant interactions. The raw rubber and rubber product manufacturers, the consumers of raw rubber and raw rubber latex exporters are the other groups of institute’s clients. Along with other sister organizations such as Rubber Development Department, RRISL caters to the needs of the smallholders and assists them in selling latex to centrifuged latex factories or in producing quality smoked sheets. Emphasis is given for marketing of rubber and also to introducing new technologies to rubber growers and small-scale industrialists. Further clients are supported with trouble shooting and testing facilities.

Vision and Mission

The institute's vision is to emerge as the center of excellence in providing high quality scientific technologies to the rubber industry. Its mission is to revitalize the rubber sector by developing economically and environmentally sustainable innovations and transferring the latest technologies to the stakeholders through training and advisory services.

Objectives

The broad objective of the RRISL is to assist the Government of Sri Lanka (GoSL) in the sustainable development of the rubber industry by providing required technologies. Based on the policy for the Plantation sector, we expect the rubber industry in the country to be competitive in the international arena by capturing significant market share and also assuring decent living of plantation community in the country. Strategies proposed to be implemented are given below.

- Considering the existing level of popularity for rubber in the area, suitability and land availability for further expansion, two regions for rubber cultivation in the country are identified for focus oriented R&D activities.

  - ❖ A rubber triangle comprising Kalutara, Ratnapura and Kegalle districts is identified as a mega zone for rubber cultivation in the traditional rubber growing area. Since spare lands for further cultivation of rubber in this zone is limited, productivity increase is the focus. RRISL will provide technologies and suitable protocols targeting an average productivity of over 1500 kg/ha/-year by 2025 in this zone. To be competitive at international level, cost of production is expected to be kept below USD 2/kg in plantation companies. In line with the other development programmes of GoSL, RRISL assists small & medium scale entrepreneurs to set up rubber based industries in environmental friendly manner by providing required technologies.

  - ❖ Another mega zone for rubber in drier climate comprising Monaragala, Ampara districts and Anuradhapura has been identified to expand the cultivation for increased production. Whilst assisting GoSL to meet a target of 30,000 ha of rubber in this region, RRISL will provide improved protocols to maintain an average productivity level of 1500 kg/ha/year by 2025. Solar energy is promoted as the principal energy source for rubber industry in this zone. In addition, rubber is promoted in this zone as a means of sequestering atmospheric CO_2 targeting carbon trading in voluntary market. Farming system approach is encouraged to increase land use efficiency and farmers' income further.

- In addition to the above two-mega zones, RRISL is engaged in promoting rubber in other regions of the country on demand basis.

- In order to meet the targets set in above approaches, agronomic research is focused on developing sustainable and user-friendly agronomic practices and disease resistant, environmentally robust yielding genotypes for improved productivity and greater level of farmer acceptance. Rubber technological research

will cater mainly the small & medium entrepreneurs and develop products for a high level of value addition and for niche markets. In addition, information is generated with required technologies to promote rubber as an environmentally friendly industry. Further, impact-guaranteed technology programmes are advocated mainly in mega zones in support of achieving set targets.

Research Departments/Units

Research departments & units of RRISL are to carry out research and development work and dissemination of outputs to the relevant sectors through extension network given meeting the objectives through the strategies mentioned. The upstream and downstream segments of the industry, are categorized into two as rubber agronomy and technology.

Agronomy

Agronomy departments conduct research and development activities on all aspects of the growth of the rubber tree and its productivity. Research activities on breeding clones for high yields, disease resistance/ tolerance, vigorous growth, tolerance to gaseous stimulation and increased timber production are given the highest priority. In addition, reduction in the cost of production with efficient uses of resources is the key focus of research. Further, research and development activities have been commenced on further expansion of rubber cultivation to nontraditional areas. The Advisory Services Department is catering to the needs of the smallholders. Whist Genetic & Plant Breeding Department is located at Nivithigalakale substation, Mathugama, the other four biological research departments and three supporting units are functioning at Dartonfield, Agalawatta. The Advisory Services Department is located in Telawala Road, Rathmalana.

1 Genetics & Plant Breeding Department

Main objective of this department is to develop clones with high yield potential combined with desirable secondary characters. To achieve this, clones are produced by hand pollination and resulting new genotypes are tested first under small scale and then in collaboration with estates and also under smallholder conditions. Among the secondary characteristics; growth vigor, tolerance to diseases, resistance to wind damage & brown bast, high timber volume etc. are considered important. Research work is also conducted towards the early identification of clonal characters using RADP techniques.

2 Plant Science Department

The broad objectives of this department are to identify and recommend cost effective and the best techniques from plant production up to latex harvesting which would maximize productivity. The quality of planting material is improved constantly. Planting techniques to improve the performance of the clearings and also methods of exploitation to cut down on cost of production (COP) are researched. The yield characteristics of the different clones are too investigated at the department. Cultural practices during the immature phase along with intercropping are also looked at and recommendations are made where necessary. Plant physiological research is conducted to help increase productivity and tissue culture work is also continued with some

progress. Apart from research and advisory work, this Department is also involved in activities to ensure high - quality plant production for the sector through regular monitoring of all rubber nurseries.

3 Plant Pathology & Microbiology Department

Centre for planning, implementation and management of research on (a) all aspects of the maladies – biotic and abiotic aspects of the rubber plantations and (b) improvement of beneficial soil microflora. Main research projects include the screening of pesticides to identify effective chemical controlling systems, screening of clones for disease resistance, development of integrated pest management systems, studies on the biology and epidemiology of pests and surveillance of potential disease outbreaks to avoid unnecessary sudden conditions. Studies on the microbiological aspects are also undertaken.

4 Soils & Plant Nutrition Department

The main thrust areas are research on improvement of soil fertility, increasing fertilizer use efficiency, soil & water conservation and weed control. This department also provides services such as site-specific fertilizer recommendations for mature rubber, land selection for planting rubber and chemical analysis of soil, plant and fertilizer samples.

5 Biochemistry & Physiology Department

This department aims to meet the needs of stakeholders in the rubber industry particularly in the biochemical and physiological aspects. The ultimate focus is to build up a cleaner environment meeting the productivity goals in the present-day context. Among the research programs, testing low-intensity tapping systems with different methods of stimulation and developing convenient and reliable means of assessing rubber content in latex are in priority. The biochemical characteristics of the rubber wood and the

6 Advisory Services Department

The main objective is the technology transfer to the rubber smallholders in order to improve the adoption rate of recommended technologies to enhance productivity and profitability of the rubber growers.

7 Biometry Section

Providing statistical consultancy to other research departments of RRI, stakeholders and students, maintenance of databases on meteorological factors in the rubber growing areas, while providing data of the agro-meteorological station at Dartonfield to the national system are among the key services of the Biometry section. Development, modification and application of statistical techniques to suit the rubber sector and studies on environmental change are the main research focuses.

8 Adaptive Research Unit

This unit uses both" Top-down" and "Bottom-up" approaches to refine the technologies sector recommended by the research departments in favour of smallholders and should improve adaptive researches to cater the smallholder requirements, accordingly. In addition, this unit facilitates rubber cultivation in non-traditional areas. Among the research activities of the unit, developing protocols for rubber cultivation in nontraditional areas, assessing livelihood and environmental impacts of rubber cultivation and evaluating rubber based farming systems and other agronomic practices whilst characterizing the socio economic conditions of smallholdings.

9 Agriculture Economics Unit

This unit is mainly involved in two major research areas namely, a) Socio-economic studies in the rubber sector in relation to cultivation, processing and marketing and b) Impact evaluation of different policies implemented in the rubber sector.

Technology

The Technology Departments of the Institute carryout research and development work on raw rubber processing and rubber products, with the aim of developing new high value end products and also improving the quality of the products already being manufactured in the country to meet international standards. The departments concerned are situated at Telawala Road, Rathmalana and their functions are as follows.

1 Raw Rubber Process Development and Chemical Engineering

The main function of the department is to carry out research and development on raw rubber processing for the betterment and sustainability of the industry while protecting the environment. The department provides advice on trouble shooting, process development and quality improvement in the raw rubber processing industry. The department is also responsible for assisting the raw rubber industry in human resource development and human safety. Providing technical know–how and all other assistance in the management of wastewater generated in raw rubber processing and rubber product manufacturing industries are also major functions of the department.

2 Polymer Chemistry

Major objectives of the department is to carry out Research and Development work on Polymers to optimize the quality and productivity of polymer manufacturing and processing industry. Modification of natural rubber, dry and latex form for improved quality, development of polymers including latex forms to suit the end user applications and identification and selection of additives to optimize process ability of polymer compounds are major Research and Development areas of the department.

3 Rubber Technology and Development Department

Major objective of the department is to carry out Research and Development work on all aspects of Rubber Technology in order to upgrade the rubber based product industries in Sri Lanka to acquire the global standards and thereby making Sri Lankan rubber products competitive in the international markets. Rubber compound development, both latex and dry rubber, physical testing of rubber products and compounds, assisting the small and medium scale prospective rubber product entrepreneurs in product development are among the major functions of the department.

4 Raw Rubber and Chemical Analysis Department

The main function of the department is to provide testing and analytical facilities for all forms of dry rubber and rubber latex and issuing of test certificates recognized by all parties concerned in the rubber trade. Research and development work related to chemical analysis and development of test methods related to testing of rubber and latex of all forms is the other major activity of the department.

Service Units

1 Audio Visual & Information Technology Unit

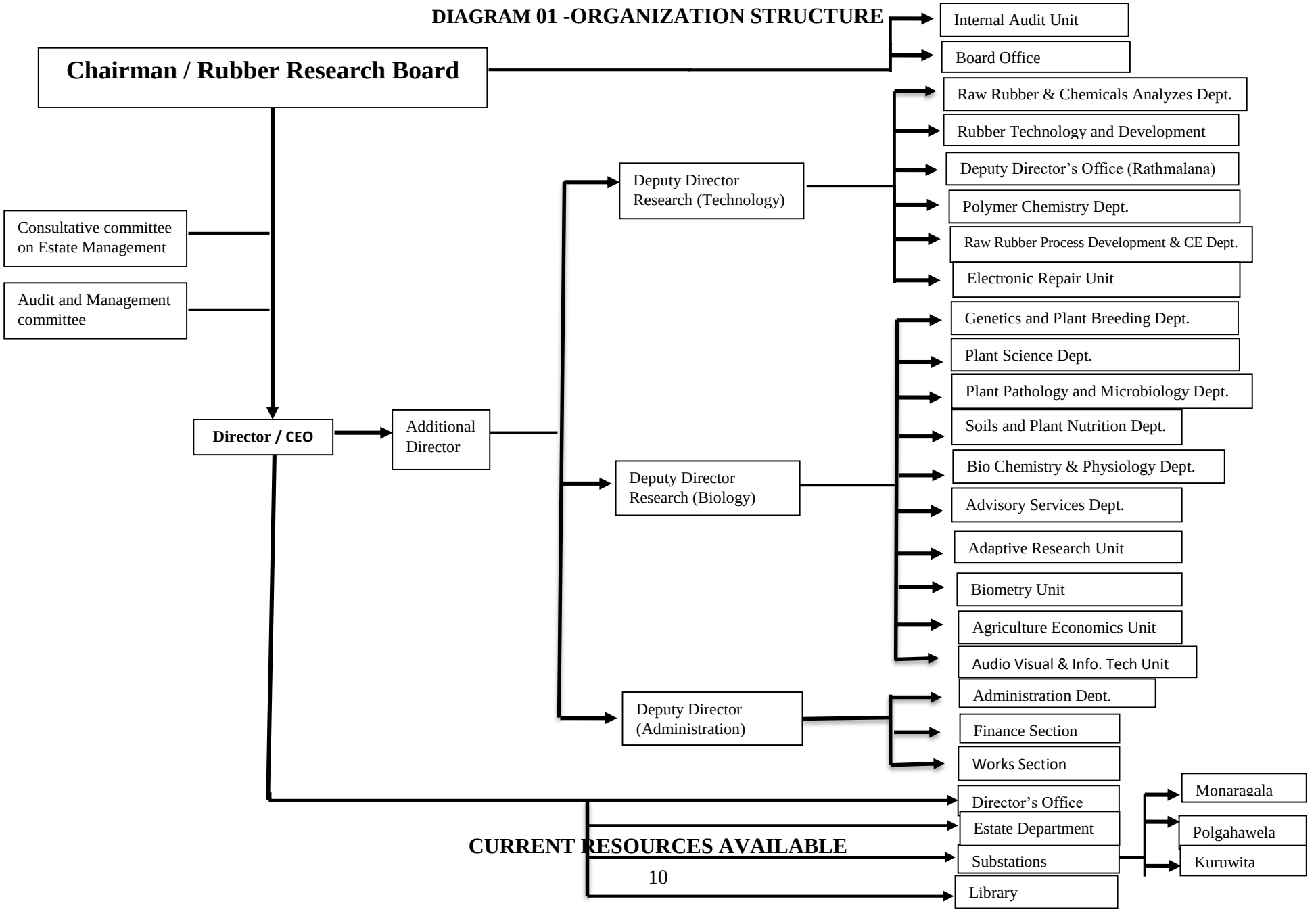
Provides audio visual aids including scientific photography for the research and extension activities. Administration and maintenance of the computer network of the institute including Rathmalana Offices. Updating of the RRI website and supervising maintenance of the institutes' international telephone network and attendance recording machines. This unit also supports the functions of institute accounting software package.

2 Electronic Instruments Repair Unit

Undertakes the repairs of the electronic scientific instruments of the institute. However, currently this unit has no staff.

RUBBER RESEARCH INSTITUTE OF SRI LANKA

DIAGRAM 01 -ORGANIZATION STRUCTURE



CURRENT RESOURCES AVAILABLE

The Rubber Research Institute of Sri Lanka (RRISL) has about 2970m^2 of laboratory and office space at its Head Quarters in Agalawatta. Biological research departments and units are located in Agalawatta. In addition, Plant Breeding Department and the Training Center are located in Nivithigalakale substation, Mathugama. Technology Research Departments, Advisory Services Department and the Board Office situated at Rathmalana. Further, about 5313m^2 building space is available at substations located in Monararagla, Kuruwita and Polgahawela.

RRISL also owns approximately 492ha of lands at the Head Office Agalawatta, and its substations Nivithigalakale, Kuruwita, Polgahawela & Monararagla. In particular, Monararagla Substation is devoted to support the expansion process of the rubber cultivation in Monararagla District and in the Eastern Province.

Human Resources

Human resources are considered as the most important asset of any research organization and its qualification-based profile is presented in Tables 1- 4. Details of cadre positions are given in Table 05. Around 26 scientists are engaged on research activities. Advisory Services Department has 05 Regional Extension Officers and currently has only one Regional Officer.

HUMAN RESOURCE PROFILE BY DISCIPLINE ACROSS DIVISIONS
(As at 31st December 2024 with only the highest level of qualifications)

01. **Research& Extension Staff (only executive grades)**

Discipline	Ph.D.	M.Phil.	M.Sc.	B.Sc.	Without Degree/Diploma	Total
Management	01	00	00	00	00	**01**
Genetics & Plant Breeding	02	00	00	01	00	**03**
Plant Science	02	00	00	01	00	**03**
Plant Pathology & Microbiology	02	01	00	00	00	**03**
Soils & Plant Nutrition	00	00	00	01	00	**01**
Biochemistry & Physiology	01	00	00	00	00	**02**
Polymer Chemistry	01	00	00	01	00	**01**
Raw Rubber and Chemical Analysis	01	00	00	01	00	**02**
Rubber Technology & Development	01	00	00	01	00	**02**

Raw Rubber Process Development Chemical Engineering	00	01	00	00	00	**01**
Advisory Service	01	00	00	00	00	**01**
Biometry	00	00	00	01	00	**01**
Adaptive Research	02	00	00	00	00	**02**
Agricultural Economics	00	01	00	01	00	**02**
Estate	00	00	00	01	00	**01**
Grand Total	**14**	**03**	**0**0	1**0**	**00**	**26**

02. Research& Extension Support Staff (including staff grades)

Discipline	M.Phil.	M.Sc.	B.Sc.	Diploma	Without Diploma/ Degree	Total
Genetics & Plant Breeding	01	00	02	01	01	**05**
Plant Science	00	00	05	01	01	**07**
Plant Pathology & Microbiology	00	02	02	01	00	**05**
Soils & Plant Nutrition	00	00	04	03	01	**08**
Biochemistry & Physiology	00	00	03	01	00	**04**
Advisory Service	00	00	12	02	00	**14**
Polymer Chemistry	00	01	03	01	00	**05**
Raw Rubber and Chemical Analysis	00	00	02	00	01	**03**
Rubber Technology & Development	00	00	03	02	00	**05**
Raw Rubber Process Dev. & Chemical Engineering	00	00	02	00	02	**04**
Biometry	00	00	00	01	00	**01**
Adaptive Research	00	00	00	01	00	**01**
Grand Total	**01**	**03**	**38**	**14**	**06**	**62**

03. Administrative Staff – Executives (non - research)

Discipline	MBA	Degree	ICASL/ CIMA/ ACCA/ APFA/ CFPA	IRCA	Diploma	Without Dip./ Degree	Total
Administration	01	00	00	00	00	00	**01**
Accounts	01	01	00	00	00	00	**02**
Internal Audit	00	00	00	01	00	00	**01**
Audio Visual Aids Production	00	01	00	00	00	00	**01**
Works Section	00	00	00	00	01	00	**01**
Estate	00	01	00	00	00	00	**01**
Grand Total	**02**	**03**	**00**	**01**	**01**	**00**	**07**

04. Administrative Staff – Non - Executives (including staff grades)

Discipline	MBA	Degree	RMP	Diploma	Without Diploma/ Degree	Total
Scientific Departments	00	00	00	01	03	**04**
Advisory Service Department	00	01	00	00	04	**05**
Administration Department	01	02	00	01	08	**12**
Accounts Section	00	02	00	00	10	**12**
Internal Audit Unit	00	00	00	00	01	**01**
Library & Publication	00	01	00	00	00	**01**
Board Office	01	00	00	01	00	**0 2**
Works Section	00	02	00	03	01	**06**

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Discipline	MBA	Degree	RMP	Diploma	Without Diploma/ Degree	Total
Estate Department	00	00	00	00	04	**04**
Instrument Repair Unit	00	00	00	00	00	**00**
Kuruwita Substation	00	00	00	00	01	**01**
Polgahawela Substation	00	00	00	00	01	**01**
Monaragala Substation	00	00	00	00	03	**03**
Grand Total	**02**	**08**	**00**	**06**	**36**	**52**

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Cadre Information as at 31.12.2024

Serial No.	Designation	Service	Grade	Salary Code	Salary Scale	Service Level	Approved Cadre			Actual Cadre			Other (Acting/…)
							Permanent	Contract	Casual	Permanent	Contract	Casual	
1	Chairman					Senior Level							
2	Director		HM 2-3	HM 2-3	98215-12x2700-130615	Senior Level	1			0			
3	Additional Director		HM 2-1	HM 2-1	93020-12x2700-125420	Senior Level	1			1			
4	Deputy Director Research		HM 1-3	HM 1-3	86865-15x2270-120915	Senior Level	2			1			1
5	Heads of Research Departments		HM 1-3	HM 1-3	86865-15x2270-120915	Senior Level	10			2			
6	Principal Research Officer		HM 1-3	HM 1-3	86865-15x2270-120915	Senior Level	14			4			
7	Principal Advisory Officer		HM 1-3	HM 1-3	86865-15x2270-120915	Senior Level	1			0			
8	Deputy Director (Administration)		HM 1-2	HM 1-2	81670 -15x2270 -115720	Senior Level	1			0			
9	Senior Accountant		HM 1-2	HM 1-2	81670 -15x2270 -115720	Senior Level	1			1			
10	Senior Manager - Estate		HM 1-1	HM 1-1	80295-15X2270-114345	Senior Level	1			1			

11	Senior Research Officer		AR 2	AR 2	76200-10X2000-96200	Senior Level	19			6			
12	Senior Advisory Officer		AR 2	AR 2	76200-10X2000-96200	Senior Level	2			1			
13	Accountant		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			1			
14	Manager - Estate		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			0			
15	Resident Engineer		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			0			
16	Senior Administrative Officer		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			1			
17	Network Administrator		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			1			
18	Internal Auditor		1/II	MM 1-2	54550-10x1375-15x1910-96950	Senior Level	1			1			
19	Research Officer		1/II	AR 1	53150-10X1375-15X1910-95550	Senior Level	26			11			
20	Advisory Officer		1/II	AR 1	53150-10X1375-15X1910-95550	Senior Level	3			0			
21	Registered Medical Practitioner		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			0			
22	Administrative Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	2			1			
23	Training Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			1			
24	Engineering Assistant		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			1			
25	Librarian & Publication Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			1			

26	Personal Asst. to Chairman		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			0			
27	Personal Asst. to Director		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			0			
28	Accounting & Procurement Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			1			
29	HR Development Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			0			
30	PRO/Welfare Officer		1/II	JM 1-2	43355-10x755-18x1135-71335	Tertiary Level	1			0			
31	Rubber Extension Officer		1/II/III	MA-4	37970-10x755-15x930-5x1135-65145	Tertiary Level	22			14			
32	Audio Visual Aids Producer Officer		1/II/III	MA-4	37970-10x755-15x930-5x1135-65145	Tertiary Level	1			0			
33	Experimental Officer		1/II/III	MA-4	37970-10x755-15x930-5x1135-65145	Tertiary Level	30			19			
34	Translator		1/II/III	MA-4	37970-10x755-15x930-5x1135-65145	Tertiary Level	1			0			
35	Technological Officer (Civil)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
36	Technological Officer (Mechanical)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			1			
37	Technological Officer (Electrical)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
38	Library Asst. & Publication Asst.		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	2			0			
39	Transport Officer		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			1			

40	Management Assistant (Book-keeping)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
41	Management Assistant (Store-keeping)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	2			0			
42	Pharmacist		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
43	Factory Officer		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
44	Technical Officer (Computer Hardware)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
45	Technical Officer (Audio Visual)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	1			0			
46	Technical Officer (R & D)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	51			30			
47	Technical Officer (Instrument)		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	2			0			
48	Field Officer		1/II/III	MA 2-2	30310-10X300-7X350-4X600-20X710-52360	Secondary Level	12			3			
49	Management Assistant		1/II/III	MA 1-2	27910-10x300-7x350-12x600-12x710-49080	Secondary Level	65			40			
50	Telephone Operator		1/II/III	MA 1-2	27910-10x300-7x350-12x600-12x710-49080	Secondary Level	2			2			
51	Driver		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	30			17			
52	Electrician/Linesmant		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	4			2			
53	Carpenter		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	4			2			

54	Mason		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	4			0			
55	Plumber		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	2			2			
56	Polisher/Painter		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			0			
57	Mechanic		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			0			
58	Motor Mechanic		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	2			0			
59	General Mechanic		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			1			
60	Ref./Air-conditioning/Electrician		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			1			
61	Tinker/Painter		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			1			
62	Tinker/Welder		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			1			
63	Blacksmith		1/II/III	PL-3	26290-10x270-10x300-10x330-12x350-39490	Primary Level	1			1			
64	Laboratory Attendant		1/II/III	PL 2	25750-10x270-10x300-10x330-12x350-38950	Primary Level	46			35			
65	Guest House Keeper		1/II/III	PL-2	25750-10x270-10x300-10x330-12x350-38950	Primary Level	2			0			
66	General Worker (Generator Operator)		1/II/III	PL -2	25750-10x270-10x300-10x330-12x350-38950	Primary Level	2			2			

67	Junior Assistant Field Officer *		1/II/III	PL 2	25750-10x270-10x300-10x330-12x350-38950	Primary Level	0			2			
68	Office//Club/Library/Stores Attendants		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	26			22			
69	Vehicle Attendant		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	3			1			
70	Watcher		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	10			10			
71	Labourer		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
72	Dispensary Attendant		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	2			2			
73	Gardner		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	2			3			
74	General Worker (Gene./Water Pump)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	3			1			
75	General Worker (Masonry)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
76	General Worker (Motor Vehicles)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
77	General Worker (Painting/Polishing)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
78	General Worker (Plumbing)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			3			
79	General Worker (Water Pump Operator)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	3			1			
80	Sanitary Attendant		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			

81	General Worker (Carpentary)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
82	General Worker (Electrical)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			1			
83	General Worker (Cooking)		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	1			2			
84	General Workers ***		1/II/III	PL 1	24750-10x250-10x270-7x300-15x330-37000	Primary Level	0			17			
	Total						**460**			**285**			

*** No Scheme of Recruitment for these posts**

RECRUITMENT SCHEDULE FOR SOME OF THE VACANCIES TO BE FILLED DURING THE YEAR 2025

No.	Designation	Approved cadre	No. of Vacancies Scheduled to be filled	Time of recruitment Scheduled
01	Director	01	01	March
02	Deputy Director Research (Biology)	01	01	March
03	Deputy Director Research (Technology)	01	01	March
04	Deputy Director (Administration)	01	01	March
05	Head of Departments	10	02	March
06	Senior Research Officers	19	05	March
07	Senior Advisory Officers	02	01	March
08	Research Officers	26	15	March
09	Resident Engineer	01	01	March
10	Manager - Estate	01	01	March
11	Registered Medical Practitioner	01	01	March
12	Administrative Officer	02	01	March
13	P.A. to Chairman	01	01	March
14	P.A. to Director	01	01	March
15	Human Resource Development Officer	01	01	March
16	Experimental Officer	30	08	March
17	Audio Visual Aids Production Officer	01	01	March
18	Rubber Extension Officer	22	08	March
19	Technical Officer (R & D)	51	10	March

20	Technical Officer (Audio Visual)	01	01	March
21	Technical Officer (Instrumental)	02	01	March
22	Technical Officer (Computer Hardware)	01	01	March
23	Technological Officer (Electrical)	01	01	March
24	Library Assistant/Publication Assistant	01	01	March
25	Management Assistant (Store Keeper)	02	01	March
26	Management Assistant (Book Keeping)	01	01	March
27	Factory Officer	01	01	March
28	Field Officers	12	05	March
29	Management Assistant	65	10	March
30	Drivers	30	13	March
31	Electrician/Linesmant	04	02	March
32	Carpenter	04	02	March
33	Mason	04	04	March
34	Polisher/Painter	01	01	March
35	Mechanic	01	01	March
36	Motor Mechanic	02	02	March
37	Lab. Attendant	46	11	March
38	Guest House Keeper	02	02	March
39	Creche/ Office/ Library/ Stores/ Club Attendant	26	02	March
40	Vehicle Attendant	03	02	March
41	Sanitation worker	02	01	March
	Total		**127**	

ACHIEVEMENTS DURING LAST FIVE YEARS

Rubber Research Institute of Sri Lanka has a proud record in all fields of rubber research with international recognition. Some achievements made during the last five years for the development of the rubber industry of the country are given below.

2024

- The newly developed hat-type rainguard provided the highest rain protection with no need for annual replacement, while the apron-type rainguard also provided effective rain protection but required yearly replacement.
- Introducing the root-balled plant method as an innovative technique for preparing planting materials that effectively replace weak specimens, enhance plant strength, promote healthy growth and ensuring the tree stand.
- An effective chemical cocktail was identified against the Circular Leaf Spot Disease during the year 2024. . Twelve sites out of fourteen tested showed positive results.
- Three clones have been identified as disease tolerants towards the Circular Leaf Spots Disease RRIC 100, RRISL 2006 and CEN 4, An effective microbe was identified to be used in latex coagulation.
- Successfully developed a liquid organic fertilizer using Rubber Factory Processing Effluent (RFPE) as a replacement to water and with more nutritional quality compared to the conventionally prepared liquid organic fertilizers.
- The Kriging technique demonstrated superior performance compared to IDW and Spline methods for estimating spatial distribution of soil properties and deriving management zones under rubber plantations. To explore nutrient variability, satellite images were initially employed; however, results revealed that NDVI-based satellite images lacked sufficient resolution to provide realistic outcomes. As a result, further evaluation using high-resolution proximal imagery, such as drone-based images, will be conducted to enhance the accuracy of management zone derivation.
- Development of Solar power pre-drying unit for sheet rubber - cost for sheet rubber production can be reduced.
- Development of auto feeding unit for crepe rubber production.
- Customer Support Services: Issued certificates for latex, raw rubber, and chemical analysis, generating an income of Rs. 3,203,009.00.
- Installed a latex testing laboratory at the Monaragala sub-station to address the problems faced by farmers in the Monaragala and Ampara districts of the Uva province, ensuring a fixed price for latex.
- Launched an e-testing service to enhance the efficiency of services provided to the rubber industry.
- Introduced an environmentally friendly alternative method for removing magnesium ions from latex to improve its quality. Further steps are being taken to obtain patents for this innovation.
- Initiated investigations into the effect of PESTA disease on rubber properties and end products.

- Collaborated with MOPI to address the shortage of raw materials, a significant bottleneck in the TSR industry. Cabinet approval has been granted to import raw materials (50% of production capacity), helping to alleviate the supply-demand imbalance that previously hindered production.
- Conducted training workshops on testing methodologies for latex and dry rubber, targeting university students and laboratory technicians in rubber factories.
- A rubber block was developed out of natural rubber glove waste for landscaping and construction applications at the request of Ranketi Rubber Mills Pvt. Ltd.
- Natural rubber latex toys were produced using foam rubber at the request of Lanka Rubber Toys Company (Pvt.) Ltd
- Foam rubber-coated coir blocks were developed for sound absorption application in the filming industry at the request of CocoTech Exports Lanka (PVT) Ltd.
- Hemp fiber block was developed at the request of Auckland University, New Zealand.
- A natural rubber-based survival collar was developed at the request of General Sir John Kotelawala Defence University.
- A rock model was developed for the filming industry at the request of Lanka Rubber Toys Company (Pvt.) Ltd.
- The Prosthetic sock compound was developed out of foam rubber at the request of General Sir John Kotelawala Defense University.
- Chlorinated natural rubber and Epoxidized Natural Rubber ENR (5%) were successfully synthesized at laboratory scale and their characteristics were studied by FTIR spectrophotometer.
- FTIR spectra and thermal properties of 656 samples of polymer materials and composites provided by industry and universities were analyzed by gravimetric analyzer (TGA) and based on their results, relevant instructions were given to industrialists where necessary.

2023

- Patent rights were applied for the low cost hand-made compost enriched rubberized-coir pith media developed to produce bio-fungicide.
- 2 Patent rights were applied for the new ethephon formulation developed by incorporating oleic acid to improve slow release properties of the active ingredient.
- Natural rubber (NR) composites with good mechanical properties were produced using reduced graphene oxide nanosheets synthesized in the laboratory. Polyethylene glycol (PEG) grafted reduced graphene oxide and Cu grafted reduced graphene oxide were also synthesized successfully and NR composites were produced incorporating the same. Electrical conductivity of 1 phr Cu grafted reduced graphene oxide incorporated NR composite was at a maximum level.
- Cellulosic fibers of corn husk (CHF) were extracted successfully from corn husk leaf waste and treated with chemicals. The treated CHF even at a low loading (2.5 phr) in NR composites showed its potential to reinforce NR in the presence of a coupling agent.
- A NR based eraser with the lettering “Dartonfield” was produced using the crepe rubber manufactured at the RRISL crepe rubber factory in Dartonfield, Agalawatta

- NR latex based glue was developed to bond recycled carpet waste material (composite of wool and jute fibres and polypropylene) to different NR latex based materials and to a fabric material on a contract signed with Auckland University, New Zealand and the technology was transferred to the University.
- A dry rubber based cellular rubber compound was developed for a marine engineering application at the request of Tantri Trailers (Pvt.) Ltd.
- A Deproteinized natural rubber (DPNR) based transparent medical product was manufactured at the request of Ceylon Natural Rubber (Pvt.) Ltd.
- A crepe rubber based compound suitable to produce an innovative medical item was developed at the request of a neuro surgeon attached to the Kotalawala Defense University, Ratmalana.
- Tapping commenced at the clonal evaluation trial at non-traditional rubber growing areas to evaluate the best performing clone for water stress condition.
- National Vocational Qualification NVQ-qualified (NVQ Level 3) socially recognized Rubber Harvesting Assistants were trained and intended to introduce to the Rubber sector for the first time in Sri Lanka. The objective of this project is to offer a social and professional recognition to Rubber Harvesting Assistants with NVQ certification and attracting youth to the profession of latex harvesting in an attempt to find a solution for perennial tapper shortage issue while assuring enhanced tapping quality in the rubber sector.
- Farmer participatory adaptive research trials were established in Ipalogama and Nuwaragam Palatha-Central Divisional Secretaries Divisions of Anuradhapura District.
- Rubber-based farming models were established in Thalawa and Nachchaduwa Divisional Secretaries Divisions of the Anuradhapura district.
- The rate of adoption of the RRISL recommendations among Regional Plantation Companies, medium-scale estates and smallholdings in the Kalutara district was identified.

2022

- Extension officers (142) from RDD, ASD and Thurusaviya have been given training on Low Intensity Harvesting (LIH) and use of ethephon.
- Smallholders (1834) belonging to 38 RDO divisions and managers, field staff and harvesters (1313) from 58 RPCs were given theoretical and practical awareness to adopt LIH system (S/2 d4).
- Laboratory procedures were established as per ISO 17025 Laboratory accreditation status.
- Participated in the proficiency-testing programme conducted by the Malaysian Rubber Board and showed outstanding performance among 15 international latex testing laboratories.
- Field latex was modified to replace the currently used synthetic polymer based binder employed in the production of paper based on fibres of the “Mana” weed
- Tyre tread compound was developed using environmental and user-friendly sesame oil as an alternative to petroleum based aromatic processing oil.
- Crepe rubber based fishing bait was developed in collaboration with Samson International PLC at the request of Ministry of Fisheries and Aquatic Resources Development.
- Crepe rubber based cellular compound for yoga mat was developed in collaboration with a rubber product manufacturing company.

- Crepe rubber based compound for a toy item for pets was produced at the request of an entrepreneur.
- Novel rubberized-coir based slipper sole was produced at the request of an entrepreneur.
- Low cost, novel shoe sole with different designs was produced using tyre crumbs (GRT) and compounded natural rubber latex at the request of a tyre crumb manufacturing company.
- Reduced graphene oxide (rGO) was synthesized and natural rubber composites containing rGO were produced.
- Natural rubber based dental device was produced at the request of an entrepreneur.
- Natural rubber based compound for a novel machine was developed at the request of an entrepreneur
- Crepe rubber based compound was developed to produce erasers.
- 147 crepe rubber, 517 rubber compound, 29 rubber product and 40 polythene sample tests were conducted and reports were issued at the request of the rubber industry and state universities.
- 32 entrepreneurs / rubber small holders were trained at RRISL, Rathmalana on "Rubber product manufacture" on their request. Also, groups of 14 rubber small holders were trained at RRISL, Rathmalana on “Manufacture of rubber products at cottage level” in collaboration with the Advisory Services Department in connection with the “Livelihood Development Program.
- Rubber Technology and Development department in collaboration with the Advisory Services department of RRISL conducted a workshop for 13 female entrepreneurs on manufacture of paper based on fibers of “Mana” weed using the novel binder developed with modified field latex at the request of the Divisional Secretariat, Galigamuwa
- Latex harvesting was commenced in the first established rubber field in the Mullaitivu district of the Northern Province.
- The carbon trading project developed for voluntary carbon market with the 3,000 hectares of new rubber cultivations in Uva and Eastern Provinces was validated by a third-party accredited auditor for Verified Carbon Standards (VCS).
- Awareness programmes were conducted to educate rubber growers on dry zone rubber cultivation in Horowupathana of Anuradhapura district and feasibility studies were conducted for suitability assessments.
- Farmer participatory adaptive research trials were established in Horowupathana, Nochchiyagama and Nuwaragam Palatha Central Divisional Secretariats of Anuradhapura district.
- A training programme was conducted on latex harvesting and sheet rubber processing for rubber farmers in the Northern Province at Vavuniya in collaboration with the Advisory Services Department.
- Development of five interim rubber clones to the rubber growers.

2021

- Rubber compounds suitable to produce brake pads, brake washers and cable guides used in vehicles as well as a rubber component for a biomedical item produced in Sri Lanka were developed at the request of medium scale rubber product manufacturing companies.

- Sixty-four on farm participatory research trials were completed for compost application covering 131.8 total acres.
- Districts – Kalutara, Kurunegala, Kandy/Matale, Kegalle, Matara, Galle, Colombo, Ratnapura
  Mature lands – 27 (Acres – 68)
  Immature lands – 37 (Acres 63.8)
- Introduction and Establishment of pasture in selected land of rubber smallholders in Kalutara district. Objective of this study was to improve the livelihood of rubber smallholder sector by introducing an extra income. Fourteen farmers were participated for the project covering 12 acres.
- Promotion of cinnamon as a boundary crop for the rubber plantations. There have been no marked variations of growth and yield of rubber adjacent to the fence crops.
- Graphene oxide was synthesized successfully using graphite as intermediate material in the synthesis of nanographene, which will be used in manufacture of electronic components.
- Development of two rubber intercropping models with Guava and Soursop
- Establishment of environmental friendly, economically viable slow release fertilizer technique to improve crop performance of Hevea at 14 estates under Pussellawa, Agalawatta, Kelani Velley and Kegalle Plantations and six small holder sites.

2020

- Two new commercial ethephon formulations i.e. water based and oil based were developed locally.
- Use of the Reusable Slow Release Fertilizer Porous Tube (RSPT) has resulted in significantly higher in plant girth (20%), soil exchangeable Mg, leaf nitrogen and magnesium over the conventional fertilizer application.
- Shoes were produced for the export market in collaboration with a medium scale manufacturer by partial replacement of virgin rubber in out-sole compounds with patented novel reclaimed rubber developed using an environmental friendly reclaiming agent with the aim of reducing the cost of shoes.
- NR based composites with synthesized micro and nano fibers of coir were developed with the aim of replacing carcinogenic carbon black and enhancement of properties.
- Initial development of NR latex based fashionable gloves to protect against the Covid-19 pandemic.
- NR latex compound as a waterproof coating material for tents made out of fabric was developed on a request made by a client as a need during Covid-19 pandemic.
- NR based composites with durian husk fibres as a partial replacement for carbon black, which has been identified as a carcinogenic ingredient, were developed and shoe soles were produced in collaboration with the Textile Department, Open University of Sri Lanka.

BUDGET ESTIMATES- 2025
Head No. 135-02-18-001-1503 / 1509
Recurrent Expenditure

Object Code	Category/Object Title	Sche.No.	Budget 2024 Rs.000's	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
	Recurrent Expenditure					
	Personal Emoluments		**325,920**	**319,405**	**378,000**	**112,000**
1001	Salaries & wages	**1**	180,795	171,454	217,265	56,000
1002	Overtime & Holiday Payments		19,127	11,030	15,041	5,000
1003	Other Allowances	**2**	125,998	136,921	145,694	51,000
	Travelling Expenses		**8,500**	**9,829**	**11,000**	**2,000**
1101	Domestic		7,500	9,627	10,000	2,000
1102	Foreign		1,000	202	1,000	
	Supplies		**33,850**	**29,524**	**37,800**	**9,650**
1201	Stationary & Office Requisites		5,000	2,121	4,000	1,000
1202	Fuel - Other Vehicles			-		
002	Fuel Allowances		5,500	5,436	6,000	2,000
009	Fuel for pool vehicles		15,000	15,091	18,000	4,200
010	Fuel for other purpose		5,000	4,462	6,000	1,250
1203	Diets and Uniforms			-		-
002	Uniforms		250	562	600	200
1205	Other	**3**	3,100	1,852	3,200	1,000

Object Code	Category/Object Title	Sche.No.	Budget 2024 Rs.000's	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
	Maintenance Expenditure.		**21,900**	**15,802**	**19,500**	**2,400**
1301	Vehicles		7,000	6,141	8,000	900
1302	Plant, Machinery & Equipment		2,500	2,110	2,500	400
1303	Building & Structures - Repairs & Maintenance		12,000	6,952	8,000	900
1304	Software maintenance		400	599	1,000	200
						-
	Services		**85,750**	**62,636**	**87,700**	**21,950**
1401	Transport/Hiring Vehicles		400	225	400	100
1402	Postal and Communication		4,000	3,176	4,000	1,000
1403	Electricity and Water		15,800	17,473	18,000	3,600
1404	Rents and Local Taxes		400	121	200	500
1405	Cleaning and Janitorial Services		1,100	1,017	1,200	400
1409	Other Services	**4**	58,250	37,648	58,900	15,150
138	Machinery and Other Equipment Service Agreement		4,500	2,165	3,600	800
139	Insurance Expenditures		500	663	520	150
140	Miscellaneous Service Expenditure		800	148	880	250
	Total Recurrent Expenditure		**475,920**	**437,196**	**534,000**	**148,000**

BUDGET ESTIMATES- 2025
Head No. 135-02-18-001-1503 / 1509
Recurrent Expenditure (Detailed)

Object Code	Category/Object Title	Sche.No.	Budget 2024 Rs.000's	Exp 2024 Rs.000's	Budget Est. 2025 Rs.000's	2025 Vote on A/C Rs.000's
1001	**Salaries & Wages**	**1**	**180,795**	**171,454**	**217,265**	**56,000**
	Salaries & Wages		149,651	140,529	174,455	44,500
	EPF Contribution		25,926	25,619	35,675	9,700
	ETF Contribution		5,218	5,306	7,135	1,800
1002	**Overtime & Holiday Payments**		**19,127**	**11,030**	**15,041**	**5,000**
	Overtime & Holiday Payments		19,127	11,030	15,041	5,000
1003	**Other Allowances**	**2**	**125,998**	**136,921**	**145,694**	**51,000**
	Cost of Living		32,429	56,953	64,279	25,000
	Rent and other Allowance		1,200	806	1,200	400
	Gratuity Payments		8,076	10,948	5,743	2,000
	Medical Benefits		39,949	33,440	39,143	11,700
	Research Allowances		11,023	5,854	20,215	2,500
	Professional allowance		3,000	3,067	7,565	850
	Interim Allowance		18,960	17,227	-	5,500
	Transport		6,600	5,730	5,400	1,800
	Telephone Allowance		4,761	2,896	2,150	1,250

Object Code	Category/Object Title	Sche.No.	Budget 2024 Rs.000's	Exp 2024 Rs.000's	Budget Est. 2025 Rs.000's	2025 Vote on A/C Rs.000's
1205	**Other Supplies**	**3**	**3,100**	**1,852**	**3,200**	**1,000**
	Medical Expenditures		100	59	200	100
	Other Consumables		2,000	868	2,000	600
	L.P. Gas Expenditures		1,000	925	1,000	300
1409	**Other Services**	**4**	**58,250**	**37,648**	**58,900**	**15,150**
	Printing Charges/ Publications		800	115	300	250
	Insurance Expenditures (Fire and property)		2,000	2,171	2,500	400
	Polgahawela Sub Station Maintenance		250	-	300	100
	Moneragala Sub Station Maintenance		250	250	300	100
	Field Expenditures		2,000	973	1,800	500
	IRRDB Contribution /Exp		2,100	1,573	2,100	
	Administrative & General Charges		5,000	2,940	4,000	1,800
	Training Programme Exp.		12,600	1,051	1,500	700
	Welfare Expenditures		250	161	500	100
	Contractual services for Research Support		33,000	28,414	45,600	11,200
	Revenue	**5**	**90,000**	**30,017**	**40,000**	**16,000**
	Other Revenue		78,000	18,017	28,000	12,000
	Estates Contribution		12,000	12,000	12,000	4,000

BUDGET ESTIMATES- 2025
Head No. 135-02-18-001-2201
Capital Expenditure

Object Code	Category/Object Title	Budget Est. 2024 Rs.000's	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
	CAPITAL EXPENDITURE				
	Rehabilitation and Improvement of Capital Assets	**-**	**-**	**37,060**	**-**
2001	Buildings - Rehabilitation			14,800	
2002	Plant, Machinery and Equipment			5,500	
	Structures-Repairing of Internal Roads			4,000	
2005	Maintenance of Buildings			12,760	
	Acquisition of Capital Assets	**1,750**	**1,750**	**18,790**	**250**
2102	Furniture and Office Equipment	1,750	1,750	5,180	
2103	Other- Laboratory Equipment's			8,110	250
2106	Software Development			5,000	
	Library Books			500	
2105	Lands and Land Improvements	**5,750**	**5,388**	**12,150**	**1,250**
	Lands and Land Improvements- Research & Dev.	800	768	3,000	
	Monaragla Substation Nursery	800	728	2,800	250
	Establishment of Adaptive Research Trials (Polgahawela)	400	393	800	250
	Establishment of Research Trials (North East)	750	734	2,050	250

Object Code	Category/Object Title	Budget Est. 2024 Rs.000's	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
2401	**Capacity Building**		-		
	Human Capital Development Programme	3,000	2,765	3,500	500
2507	**Research Projects**	**22,500**	**22,521**	**32,000**	**10,500**
	Research and Development	22,500	22,521	32,000	10,500
	Total Capital Expenditure - CF	**30,000**	**29,659**	**100,000**	**12,000**

BUDGET ESTIMATES- 2025

Head No. 135-02-18-001-2201

Capital Expenditure - Summery

	Expenditure	Budget 2024	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
	Personal Emoluments	325,920	319,405	378,000	112,000
	Recurrent Expenditure	150,000	117,791	156,000	36,000
	Capital Expenditure - CF	30,000	29,659	100,000	12,000
	Total	**505,920**	**466,855**	**634,000**	**160,000**
	Financed by				
	Own Revenue - from RRI	78,000	18,017	28,000	12,000
	Own Revenue - from Estates	12,000	12,000	12,000	4,000
1503	Treasury Grant – Personal Emoluments	325,920	325,920	335,000	112,000
	Treasury Grant – Personal Emoluments- Additional requirement			43,000	

		Budget 2024	Exp 2024 Rs.000's	Budget 2025 Rs.000's	2025 Vote on A/C Rs.000's
1509	Treasury Grant – Other Recurrent	60,000	60,000	60,000	20,000
	Treasury Grant – Other Recurrent - Additional requirement			56,000	
2201	Treasury Grant - Capital	30,000	30,000	100,000	12,000
	Total	**505,920**	**445,937**	**634,000**	**160,000**
	Special Capital Projects MPI - On Going				
	Screening of drought/stress tolerant Hevea Clones for sustainable rubber cultivation in marginal areas	1,510	1,510		
	Studies on the biology and epidemiology of the Pestalotiopsis Leaf fall disease and to develop effective management strategies	10,740	10,740	6,980	2,000
	Total Special Capital Projects- MPI	**12,250**	**12,250**	**6,980**	**2,000**
	Total Capital Expenditure	**42,250**	**42,250**	**106,980**	**14,000**

RUBBER RESEARCH INSTITUTE OF SRI LANKA

CASH FORECAST FOR SPECIAL CAPITAL DEVELOPMENT PROJECTS

Project Name: **Studies on the biology and epidemiology of the Pestalotiopsis Leaf fall disease and to develop effective management strategies**

CF MPI

Month		**Jan.**	**Feb.**	**Mar.**	**Apr.**	**May**	**June**	**July**	**August**	**Sep.**	**Oct.**	**Nov.**	**Dec.**	**Total**
Financial Requirement (Rs. Mn.)	Recurrent													
	Capital	0.37	0.47	0.67	0.49	0.50	0.50	0.75	0.75	1.00	1.00	0.48	-	**6.98**

ACTION PLAN 2025
RUBBER RESEARCH INSTITUTE OF SRI LANKA

Thrust Area

Recommendations on technologies and technology transfer to enhance productivity and profitability of rubber cultivation and rubber product manufacturing through research and development activities

Major research & development tasks for 2025

1. Testing of the chemical cocktail against the circular leaf spot disease of rubber collaboratively with the stakeholders in a larger number of sites.
2. Analysis of the molecular basis of the new pathogen population of CLSD collaboratively with the RIKEN, Japan.
3. Improvement of testing facilities for rubber product manufacturers and small & medium-scale entrepreneurs (SMEs) to promote the rubber product development sector.
4. Improvement in land productivity of rubber through the knowledge enhancement and skill development in the plantation sector.
5. Promotion of SMEs and rubber smallholders in rubber product manufacture with knowledge inputs and by assisting in troubleshooting.
6. Conducting new/novel rubber product developments for local and foreign markets.
7. Provide testing facilities for different forms of raw rubber, rubber compounds, and products to promote the raw rubber and rubber product manufacturing sectors.
8. Promotion of the rubber sector towards a sustainable industry.
9. Analysis of climate change and variability indicators to study climate parameters in rubber-growing areas.
10. Development of new clones with high yields, vigour, and drought and disease tolerance/resistance through accelerating the breeding procedures and screening for the effectiveness collaboratively with all the departments.
11. Ensure the issuing of the quality of rubber plants produced from government and RPCs for rubber growers through nursery certification.
12. Introduction of an improved irrigation system and planting technique.
13. Introduction of the novel porous root trainers in rubber nurseries.
14. Introduction of novel rapid and juvenile bud grafting techniques to rubber nurseries.
15. Introduction of digitalized data collection and extension service providing technologies.
16. Implementation of low cost wastewater treatment technologies for raw rubber processing industries.

Allocation of funds for the January to December 2025 (Rs. Million)

Source of fund	Capital	Recurrent	Total
Consolidated fund	100.00	395.00	99.00
Consolidated fund – Thro MPI	6.98	-	-
Generated fund	-	40.00	-
Grand Total	**106.98**	**435.00**	**99.00**

Procurement Plan – 2025

Dept./ Line Agency/ Ministry	Procurement Category (Goods, Works & Services etc.)	Estimated Cost Rs.(Mn)	Source of finance name of Donor	Procurement method (CB, LIB, LNB, NCB and National shopping etc.)	Level of Authority	Priority status U- Urgent P- Priority N- Normal	Current Status procurement preparedness activities	Schedule Date of Commencement	Schedule date of completion	Remarks
	GOODS			National Competitive Bidding (NCB) / Restricted National Competitive Bidding (LNB) / Shopping as applicable in accordance with procurement guidelines for goods/ works and services						
	Furniture and Office Equipment	5.18	CF		DPC(Minor)	P	Awaiting Necessary Approvals	01.04.2025	31.12.2025	
	Plant, Machinery & Equipment	5.50	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Other Laboratory Equipment	8.11								
	Software Development	5.00	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Library Books	0.50	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	WORKS									
	Building Rehabilitation & Improvements Building	14.80	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Structures-Repairing of Internal Roads	4.00	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Maintenance of Buildings	12.76	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Research Projects									
	Research and Development	32.00	CF		DPC(Minor)	P		01.04.2025	31.12.2025	

Dept./ Line Agency/ Ministry	Procurement Category (Goods, Works & Services etc.)	Estimated Cost Rs.(Mn)	Source of finance name of Donor	Procurement method (CB, LIB, LNB, NCB and National shopping etc.)	Level of Authority	Priority status U- Urgent P- Priority N- Normal	Current Status procurement preparedness activities	Schedule Date of Commencement	Schedule date of completion	Remarks
	SERVICES			National Competitive Bidding (NCB) / Restricted National Competitive Bidding (LNB) / Shopping as applicable in accordance with procurement guidelines for goods/ works and services						
	Lands and Land Improvements- R&D	3.00	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Monaragala Substation Nursery	2.80	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Establishment of Adaptive Research Trails, Polgahawela	0.80	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Establishment of Research (Eastern and Northern) Provinces	2.05	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Human Capital Development Project (Foreign/Local)	3.50	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Sub Total	**100.00**								
	Special Capital Projects- MPI									
	Studies on the biology and epidemiology of the Pestalotiopsis Leaf fall disease and to develop effective management strategies	6.98	CF		DPC(Minor)	P		01.04.2025	31.12.2025	
	Sub Total	6.98								
	Total	**106.98**								

Dept. / Sec	Description	QTY	Rate	Amount	Rs. Mn.
Buildings - Rehabilitation					
Audio Visual Unit	Repairing the Roof of the AV & IT Unit			0.50	
Work Section	Boys chamary (MA 19) & Canteen Repair			3.00	
	Auditorium (Roof Repairing work)			2.00	
Plant Pathology	Roof and gutters			2.50	
Plant Science	Rooftop & gutters			1.00	
	Rehabilitation of PS Upper lab			2.00	
Soils & Plant N	Removing glass roof top &Construct a gas cage			1.00	
Polymer Chemistry	Rehabilitation of roof			2.80	14.80
Plant, Machinery and Equipment Rehabilitation					
Polymer Chemistry	Repair Scientific Equip			5.50	5.50

Budget 2025 - Procurement Details

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Other- Laboratory Equipment's					
Audio Visual Unit	Hardware Firewall for DF Office Premises	01 No.		1.50	
	Surge protector for power panel & Trip	03 Nos.		0.41	
	Installation of Surge Protection System at NK	01 No.		4.00	
Bio- Chemistry	vacuum glass cabinet		1.00	0.20	
Plant Pathology	Mist Blowers			1.70	
Genetic &Plant Breeding	Sprayer Machine	2.00	0.15	0.30	8.11
Structures-Repairing of Internal Roads					
Work Section	Internal Road Repairs (Main gate to Director Bungalow)			3.00	
Genetic &Plant Breeding	Structures-Repairing of Internal Roads			1.00	4.00
Maintenance of Buildings					
Work Section	Rep. M.A. 18 , M.A. 11 , MM/AR 5	3.00		5.00	
	Roof (HMB 03,MA 01 -NK,MA 02 -NK, PL 02-NK, MA 10, MA 06, OI 07, OI 5, HMB 02,HMB 4,HMB 5,HMB 6)	10.00			
	Roof repairing of Rathmalana Administration	1.00			
Maintenance of Water Supply	Purchasing of 12.5hp water pump			0.80	
ASD – Training Center	repairing Gents wash room of dormitory			2.40	8.20

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Work Sec – Electricity Supply	Repl. Old house wiring(OI 06,OI 7,OI 8, MA 1,MA 4, PL 4,PL 12, PL 13,PL 14)	9.00		2.00	
	Street Security Lamps			0.26	
	Maintenance of Generators	2.00		1.50	
	Erection of New Line			0.80	4.56
Acquisition of Capital Assets					
Furniture and Office Equipment					
Audio Visual Unit	12V / 100Ah VRLA Battery for Power Inverters	10 Nos.		1.10	
	Cisco Unmanageable Network Switch	02 Nos.		0.25	
	Cisco Manageable Core Switch	02 Nos.		0.65	
	Amplifier for Audio System at DF Auditorium	01 No.		0.20	
Work Section	Desk top computer	1.00	0.30	0.30	
	WS Tools			0.25	
Accounts	Desk top computer 1- High Capacity Computer	2.00		0.75	
Adaptive Research Unit	Computer chairs	2.00	0.02	0.04	
	Book racks	3.00	0.02	0.06	
	Filling cabinet	2.00	0.03	0.05	
Genetic &Plant Breeding	1 laptop computer	1.00		0.30	

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Board Office	Voice recorder	1.00	0.05	0.05	
	Desktop Computer	1.00	0.30	0.30	
	Fax Machine	1.00	0.10	0.10	
	External Hard Disk	1.00	0.03	0.03	
Director Office	Colour printer	1.00	0.10	0.10	
	Laptop	1.00	0.30	0.30	
	Voice recorder	3.00	0.05	0.15	
Admin	Fax Machine	1.00	0.10	0.10	
Additional Director	Printer	1.00	0.10	0.10	5.18
Software Development					
Audio Visual Unit	Redesigning and dev. the official website of RRISL	01 No.		5.00	
	Development of Human Resource Management Solution (Document Management System) ERP	01 No.			5.00
Library Books					
Library DF	Library books and Publication	1.00		0.50	0.50
<u>Development Capital</u>					
Lands and Land Improvements- Research & Development					
Genetics & Plant Breeding	Fencing and Gate construction			2.00	
Plant Science	Main drain to divert water entering from hillside	1.00	1.00	1.00	3.00

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Monaragla Substation Nursery					
Plant Pathology	Existing clonal screening trials			0.50	
Monaragala	R&D Exp			2.30	2.80
Establishment of Adaptive Research Trials (Polgahawela)					
Adaptive R. Unit	R&D Exp			0.50	
Bio- Chemistry	New clones and RRISL 2001 experiment			0.30	0.80
Establishment of Research Trials (North East)					
Adaptive R. Unit	R & D		0.70		
	Smoke house	1.00	0.10		
	Rubber fertilizer	2 MT	0.25		
	Intercropping materials	Banana/Cocoa/Maize etc.	0.20	1.25	
Bio- Chemistry	Clonal screening trials established in North and East			0.30	
Plant Pathology	Existing clonal screening trials four sites			0.50	2.05
Human Capital Development Programme				3.50	3.50
				68.00	**68.00**

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Research and Development					
Genetics & Plant Breeding	R&D Exp			0.82	
	Polybags	5,000		0.09	
	Fertilizer	200 Kg		0.50	
	Weedicide	40L		0.10	
	Fungicide	5Kg		0.03	
	UPS	2.00		0.05	
	Calculators	2.00		0.01	
	Pen drives/Hard drives	4.00		0.05	
	Aluminum Ladder	2.00		0.05	
	Spry machine	2.00		0.30	
	Laboratory equipment, equipment repairs & consumables			1.50	3.50
Rubber Technology	Calibration of the physical testing machines		0.20		
	Repairing and calibration of the RPA, Service agreement for the air dryer and compressor		0.20		
	Repairing of rubber mixing and physical testing machineries (small Banbury (55g), white and black two roll mills….		0.10		
	Servicing of rubber product R & D Center machineries		0.20		
	Rubber & Chemical Ingredients/Testing charge		0.80		

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Rubber Technology	Gloves/gas mask/goggles		0.05		
	Complete the construction part of the department		0.10		
	Painting of the laboratory		0.20		
	Purchase of a pH meter		0.10		
	Four-Point Probe Electrical Conductivity Meter		0.60		
	Purchase of Automatic shore A, shore D, shore C hardness tester		0.05		
	Purchase of Infrared Thermometer		0.02		
	Purchase of a desktop computer		0.08		
	Purchase of a printer		0.05		
	Preparation leaflets and banners		0.05	2.80	
Adaptive R. Unit	R & D Expenses			1.23	
Plant Science	2,3,5-triphenyl tetra sodium chloride (TTC) (25ml bottle)	1 No.	0.02		
	Size 6x15" Black Polythene bags (gauge 300)	2000 No.	0.05		
	R/U 9:11:11:4 young budding fertilizer mixture (50Kg)	4 No	0.05		
	High graded Eppawala Rock Phosphate (50kg)	4 No.	0.04		
	Mesh (Sieve size 4.75) 1m width	6 m	0.00		
	Coir pith	1000 kg	0.02		
	Compost	500 kg	0.01		
	Boots (size no. 40 (1 pair), 42 (2 pairs),43 (2 pairs), 44 (5 pairs)	10 No.	0.05		

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Plant Science	Raincoats (XL)	4 No.	0.01		
	Ascorbic Acid (Analytical, 100g bottle)	1 No.	0.01		
	Repairing of distilled water unit	1 No.	0.02		
	Plastic measuring cylinder 1L	2 No	0.00		
	Plastic measuring cylinder 500 ml	4 No.	0.00		
	Plastic measuring cylinder 100 ml	4 No.	0.00		
	Plastic buckets (5L)	10 No.	0.00		
	Lacker paint (200 ml, yellow, green, white, blue 2 nos. each)	8 No.	0.01		
	Stop watch	2 No.	0.01		
	LED Sensor-Based Road Tracer	1 No.	0.08		
	Optimization of Light Quality for Hevea brasillensis Nursery Growth	1 No.	0.40		
	Utilization of Audio Bio harmony to Improve Rubber (Hevea brasillensis) Growth in the Nursery	1 No.	0.40		
	6 Benz ladenine	4 No	0.04		
	Planting material for intercrops	400 No.	0.04		
	Seeds for intercrops	4 Kg	0.01		
	Shade net (50%)	50 feet	0.05		
	PVC condute (1/2")	120 Length	0.05		
	Rainguard sealant	100 Kg	0.02		
	Rainguard rexing	200 m	0.04		
	Filed Expenditure		2.07	3.50	

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Agri & Eco. Unit	R&D Exp		0.57		
	Portable Hard drive	1.00	0.03		
	UPS 1200VA	1.00	0.04		
	Monitor	1.00	0.20	0.84	
Bio- Chemistry	R&D Exp		1.02		
	pH meter	01 No	0.10		
	Wood auger	01 No	0.05		
	Pressure gun	01 No	0.03		
	Chemicals & Consumables	Depends	0.80		
	Rubber fertilizer	400 kg	0.40		
	Agrochemicals	Depends	0.05	2.45	
Bio Metry	R&D Exp		0.63		
	Portable Hard drive	1.00	0.03		
	UPS 1200VA	1.00	0.03		
	Computer upgrade	1.00	0.15	0.84	
Plant Pathology	Pesticides		0.60		
	Other chemicals		0.20		
	Fertilizer		0.30		
	Protective ware & related		0.20		
	Microbiological growth media		0.10		
	Molecular biological chemicals		0.10		
	Sequencing of cultures / DNA		0.30		
	Other consumables		0.20		
	Chemicals and other consumables		0.30		
	Materials for handicrafts		0.20		
	Materials for biopesticide production		0.10		

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Plant Pathology	Training materials		0.10		
	Training Programmes		0.10		
	Stationeries		0.20		
	Machinery repairing		0.20	3.20	
Polymer Chemistry	Repairing of the Centrifuge machine		0.10		
	Servicing of FTIR,ICPOES and GCMS		1.00		
	Research and testing		0.44		
	lab coats/gloves/gas mask/goggles		0.02		
	Purchase of a water bath		0.25		
	magnetic stirrer with hot plate		0.24	2.05	
Raw Rubber & Chemical Analysis	Chemicals		0.79		
	Wash Bottles (Plastic)		0.01		
	Plastic Droppers		0.01		
	Heat Resistant Gloves		0.01		
	Paper cutters		0.00		
	Surgical Gloves		0.01		
	Gas Masks		0.05		
	Pen drive		0.00		
	Purchase of ISO Standard		0.10		
	Calibration of Mooney Viscometer		0.20		
	Instrument Calibration		0.30		
	Participation for proficiency testing programme with MRB		0.20		
	Repair of two roll mill		0.30		
	Laboratory glassware		0.60		
	waste chemical disposal		0.09	2.67	

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
RR & CE	R&D Exp		2.18		
	Calibration of Equipment	1.00	0.15		
	Safety items (First aid, safety shoes, lab coats)		0.08	2.40	
Soils & Plant Nutritious	R&D Exp		1.527		
	Sulphuric Acid	5.00	0.034		
	Alcohol	2.00	0.060		
	Acetic acid AR	2.00	0.009		
	Acyteline gas cylinders	1.00	0.043		
	Diphenylamine	1.00	0.020		
	Filter papers	10.00	0.092		
	HYDROGEN PEROXIDE	10.00	0.100		
	Orthophosphoric acid AR 85%	1.00	0.018		
	Sodium Hydroxide AR	1.00	0.006		
	Sodium Hypochlorite	1.00	0.002		
	Sodium sulphate anhydrous AR	2.00	0.004		
	Compost	4,000	0.100		
	Magnesium Lamp	1.00	0.225		
	Membranes	1.00	0.500		
	Consumables	40.00	0.050		
	Buretts	2.00	0.025		
	Pipette Fillers	10.00	0.015		
	Thermometers	2.00	0.040		
	Calibration of analytical balances	4 Balances, 2 pH meters	0.150		
	Calibration of glassware	Depends	0.150		
	Conducting Proficiency Test	1 Test	0.100	3.27	

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.	
Advisory Ser.	Tapping machineB25B251:B260		0.300		
	Tapping knives		0.150		
	Pruning saw (Protected cover)		0.020		
	Bark gauge		0.200		
	Boots		0.050		
	Plastic boxes - small		0.050		
	Plastic boxes - Large		0.050		
	Hand shovels		0.013		
	Magnetic Levels		0.013		
	Scrapers		0.020		
	Marking pegs		0.020		
	Measuring tapes		0.005		
	DJI RS 4 Gamble Stabilizer		0.170		
	Head phone		0.030		
	Thermometers		0.050		
	Metrolac		0.030		
	360 foldable touch screen laptop		0.040		
	Touch pen		0.020		
	Wireless microphone		0.050		
	Wireless Bluetooth ear bud		0.030		
	Portable Bluetooth speakers set		0.200		
	Field Expenditure		1.740	3.25	32.00
	TOTAL			**100.00**	**100.00**

Dept. / Sec	Description	QTY	Rate	Amount Rs. Mn.
MPI Special Project	Studies on the biology and epidemiology of the Pestalotiopsis Leaf fall disease and to develop effective management strategies			
Plant Pathology	Microbiological growth media	500g X 2	0.05	
	Molecular biological reagents -Taq polymerase		0.50	
	Sequencing of cultures/ DNA	10 cultures	0.20	
	Other consumables		0.05	
	Publications		0.20	
	Other expenses		0.40	
	Technical Assistant x 2	12months	0.80	
	Contact fungicides -Mancozeb/copper-based		1.00	
	Systemic fungicides -Carbendazim/ Hexachonozole		0.20	
	New molecule testing -other effective fungicides		0.12	
	Sprayers and their improvements / repairs		0.14	
	Chemicals and other consumables -Stains/ filter papers/ etc.		0.50	
	Contractual work - Labour	12 months	0.30	
	Spraying supplements (Nutrient supplements/ stickers/ spreaders/ etc.)		1.00	
	Preparation of training materials		0.30	
	Training programmes		0.20	
	Stationeries		0.20	
	Booklet on the new research and developments of CLSD		0.32	
	Misc expenses		0.50	**6.98**

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Action Plan for Revenue Collection

Rs. Mn.

Category	Dept.	Programme	Activities	Key Performance Indicators	Targets								Output/ Outcome Total	
					Q1		Q2		Q3		Q4			
					P	F	P	F	P	F	P	F	P	F
Laboratory Services	**Rathmalana**													
	RTD	Testing of raw rubber, rubber compounds & products	Conducting tests requested by stakeholders	No. of tests	230	0.40	250	0.30	250	0.30	150	0.20	800	1.00
	PC		Sample testing services	No. of tests		0.40		0.40		0.40		0.40		1.60
	RR & CA		Sample testing services	No. of test carries out	365	1.20	200	0.60	200	0.70	300	0.90	1000	3.40
	RRPD & CE		Sample testing services	No. of tests		0.60		0.60		0.60		0.60		2.40
	Tyre Centre		Sample testing services	No. of tests		0.60		0.60		0.60		0.60		2.40
	Dartonfield													
	BC	Conducting awareness programmes for growers	Awareness programmes for growers on LIH with stimulation. New Ready Reckoner chart and Biochemical and physiological status of the rubber tree	No of programmes	1	0.03	1	0.03	1	0.03	1	0.03	4	0.11
	PP & MB	Sample testing	Microbiological tests 16	No of tests	25%	0.10	25%	0.02	25%	0.02	25%	0.02	100%	0.16
		Handicrafts	Selling as souvenirs 200	No of items	50%	0.18	50%	0.01					100%	0.19

Laboratory Services	PP & MB	Bio efficacy testing	No of one products tested	No of bio efficacy certificates		0.33	100%	0.05					100%	0.38
	S & PN	Analytical services	Issuing certification for land suitability, site specific fertilizer applications and analyzing fertilizer, leaf soil, compost samples and workshops and training programs	Number of reports, workshops, training programs	29%	1.20	48%	2.00	12%	0.50	12%	0.50	100%	4.20
	PS	Inspection and certification of nursery plants (ongoing project)	Issuing authentic plants & Budwood	No. of plants	300	0.05	1,000	0.15	2,000	0.30	2,000	0.30	5,000	0.80
		Conduct training programmes / make advisory visits on nursery techniques, planting, tapping and intercropping	Bark audit and Tapping quality assessments	No. of hectares covered	100	0.15					100	0.10	200	0.25
			Selling Marking plates	No. of stencils	10	0.02	10	0.02	10	0.02	10	0.02	40	0.08
			Hiring Plant Science Auditorium	No. of days occupied	5	0.04	5	0.04	5	0.04	5	0.04	20	0.15
	ASD	Productivity improvement of RPCs	Four practical workshops	Number of workshops	1	0.13	1	0.13	1	0.13	1	0.13	4	0.50

	ASD – Training Center	1.Scheduled Program	16 -Training programs	320 participants	4	0.60	4	0.60	4	0.60	4	0.60	16	2.40
		2.On request program	24 - training programs	600 participants	6	0.30	6	0.30	6	0.30	6	0.30	24	1.20
		3.Outside Program	10 - events	300 participants	2	0.30	2	0.08	3	0.12	3	0.10	10	0.60
Others	Accounts	Other Income	Tender Fees, Loan Interest and Others	No of Activities	25%	0.70	25%	0.70	25%	0.70	25%	0.70	100%	2.80
	Admin	Other Income	Solar, Sale of Publication etc.	No of Activities	25%	0.85	25%	0.85	25%	0.85	25%	0.83	100%	3.38
	Estate Contribution		Sale of Rubber - Estate	No of MT	25%	3.00	25%	3.00	25%	3.00	25%	3.00	100%	12.00
	TOTAL					**11.18**		**7.47**		**6.20**		**6.36**		**40.00**

DISTRIBUTION AMONG THE DIFFERENT DIVISSIONS – January/ December 2025

Programme & Project 1. Name 2. Duration 3. TEC & Source of Funds	Activity	R&D Estimate (Rs. Mn) 2025	Source of funds DF&GF		R&D Targets (Rs. Mn)	Output	Responsible Officer Name Designation
Genetics & Plant Breeding Dept.		3.50	CF&GF	**FT**	3.50	• The annual HP programme successfully breeds desired genotypes from selected mother plants. • Preliminary evaluation of mother plant nursery identified promising traits like improved yield and disease resistance. • New HP progeny selected from SSCT genotypes show potential for better productivity and resilience. • HP entries tested at the estate level show real-world performance, guiding further adoption or refinement.	Dr. Kapila Liyanage,
Plant Science Dept.	Research & Development Activities and providing services on all aspects of Natural Rubber	3.50	CF&GF	**FT**	3.50	• Development of affordable rubber plant propagation methods to reduce costs. • Strategies to reduce the impact of environmental stresses on rubber plantations. • Ensuring continuous latex production throughout the rubber tree's lifespan. • Plant certification program and advisory support to improve rubber nursery quality and troubleshooting.	Dr. T. U. K. Silva, PRO
Plant Pathology Dept.		3.20	CF&GF	**FT**	3.20	• Recommendation of resistant *Hevea* clones towards leaf disease • Testing of effective pesticide cocktail against CLSD further trails. • Implementation of the National plan to combat CLSD collaboratively with the RDD. • Identification of beneficial microbes / applications. • Training of stakeholders. • Attending to complicated advisory visits. • Training programmes	Dr. (Mrs). S. Fernando, Head
Biochemistry Dept.		2.45	CF&GF	**FT**	2.45	• Effective introduction of LIH systems to rubber growers • Identification of crop loss and financial status in CLSD effected fields harvested with LIH • Identification of sustainable rubber clones through latex diagnosis. • Identification of yielding capacity of genotypes during the early stages of the screening process • Identification of sustainable rubber clones for the nontraditional rubber growing areas • Identification of effect of CLSD on latex diagnosis and yield determinant factors • Biochemical and physiological studies towards the timber clones	Dr. (Mrs) S. Kudaligama, Head

Programme & Project 1. Name 2. Duration 3. TEC & Source of Funds	Activity	R&D Estimate (Rs. Mn) 2025	Source of funds DF&GF		R&D (Rs. Mn) Jan – April	Output	Responsible Officer Name Designation
Soils & Plant Nutrition Dept.	Research & Development Activities and providing services on all aspects of Natural Rubber	3.27	CF&GF	**FT**	3.27	• Introduction of sustainable fertilizer methods to improve soil fertility for rubber cultivation. • Development of fertilizers to manage Circular Leaf Spot Disease (CLSD) and improve rubber plantation growth. • Use of MIR and NIR technologies, along with remote sensing, for optimized soil and plant nutrition. • Accreditation of soil and plant nutrition lab to provide certifications and analyze soil, fertilizer, and organic samples.	Mr. Sangeeth Liyanaarachchi, RO
ASD		3.25	CF	**FT**	3.25	• Development of strategic approaches for using cyber tools to transfer rubber farming technologies to farmers effectively. • Creation of a protocol to manage both public and private extension personnel in the rubber sector, improving coordination and service delivery. • Improving the adoption of RRISL recommendations in substandard rubber holdings and processing centers through participatory approaches in rubber-growing areas. • Development of an online advisory platform to address technology adoption challenges and troubleshooting for rubber stakeholders.	Dr. Sanjeewa Gunarathne, AO
R.R. & C.A. Dept.		2.67	CF	**FT**	2.67	• Conduct 1000 test for latex, dry rubber & rubber processing chemicals. • Conduct 03 training programmes for rubber industries. • Obtain accredited status for 07 latex quality parameters. • Conduct quality assurance & quality control related projects. • 5. Conduct 05 troubleshooting activities on client requests.	Dr. A.P. Attanayake PRO
R.R.P.D& C.E. Dept.		2.40	CF	**FT**	2.40	• The incorporation of Graphene Oxide (GO) into centrifuged latex, crepe, and sheet rubbers enhances their tensile strength, flexibility, and tear resistance. • Graphene Oxide improves the uniformity and dispersion within the rubber matrix, leading to better processing characteristics and higher-performance materials. • Residual metal ions in raw rubbers reduce their tensile strength and increase brittleness. • Metal ions interfere with the vulcanization process, resulting in weaker crosslinking and poorer final vulcanizate properties.	Mr. Kasun Adhikari, RO

Programme & Project 1. Name 2. Duration 3. TEC & Source of Funds	Activity	R&D Estimate (Rs. Mn) 2025	Source of funds DF&GF		R&D (Rs. Mn) Jan – April	Output	Responsible Officer Name Designation
RT & D	Research & Development Activities and providing services on all aspects of Natural Rubber	2.80	CF	**FT**	2.80	• Graphite derivatives improve the physico-mechanical properties of rubber composites in term of tensile strength, resilience and wear resistance, making it more durable for engineering applications. • The composites exhibit enhanced electrical conductivity, making them suitable for electronic applications like flexible sensors, actuators, and EMI shielding. • Graphite derivatives boost thermal conductivity, enabling better heat dissipation for high-temperature applications.	Dr W D Sampath, SRO
Polymer Chemistry Dept.		2.05	CF	**FT**	2.05	• Expansion of the rubber product range developed using modified-natural rubber grades • Reduction in the imports of modified-natural rubber grades /products based on modified-natural rubber grades • Enhancement of export earnings from modified-natural rubber grades/products based on modified-natural rubber grades	Mrs. H I K Samarasinghe, RO
Adaptive Research Unit		1.23	CF	**FT**	1.23	• Successful promotion of rubber cultivation in non-traditional areas, broadening the geographical reach of the industry. • Evaluation of the adoption rate of recommended agronomic practices in non-traditional areas, identifying factors influencing their uptake and effectiveness.	Dr. (Mrs). E. S, Munasinghe, PRO
Biometry Section		0.84	CF	**FT**	0.84	• The application of appropriate statistical methods enhances the reliability of research interpretations, ensuring more accurate and valid conclusions. • The research provides reliable data to stakeholders, supporting better decision-making for climate-related actions and policies.	Mr. Shanaka Dilhan, RO
Agriculture Economic		0.84	CF	**FT**	0.84	• The research identifies the socio-economic impacts of rubber cultivation, including income generation, employment, and sustainability challenges, offering insights for policy improvement. • The study provides a comprehensive analysis of rubber industry data, facilitating better economic management, forecasting, and decision-making for stakeholders in the sector.	Mrs. P. G. N. Ishani RO
Funds		**32.00**			**32.00**		
Other Capital					**-**		
Total Funds		**32.00**			**32.00**		

RUBBER RESEARCH INSTITUTE OF SRI LANKA

DIVISIONAL CAPITAL EXPENDITURE BUDGET – January/ December 2025

Departments	Building Rehabilitation	Plant, Machinery & Equipment	Maintenance of Buildings	Maintenance of Electricity Supply	Furniture & Office Equipment	Other- Laboratory Equipment's	Library Books	Maintenance of Road	Land & Land Improvements - R& D	Software Development	Monaragala	Polgahawela	North East	HRD Programme	R & D	Total
Accounts/Pro/ Stores					0.75											0.75
Administration - RT																-
Administration -DF					0.10									3.50		3.60
Audio Visual & IT Units					2.20	5.91				5.00						13.11
Board Office					0.48											0.48
DDR (B)																-
DDR (T)																-
Director Office					0.55											0.55
Additional Director Office					0.10											0.10
Estate																-
Internal Audit Unit																-
Library DF							0.50									0.50
Monaragala Substation											2.30					2.30
Polgahawela Substation												-				-
ASD – Training Center			2.40													2.40
Work Section	14.80		5.80	4.56	0.55			3.00								28.71
Adaptive Research Unit					0.15							0.50	1.25		1.23	3.13
Adv. Service															3.25	3.25

Departments	Building Rehabilitation	Plant, Machinery & Equipment	Maintenance of Buildings	Maintenance of Electricity Supply	Furniture & Office Equipment	Other- Laboratory Equipment's	Library Books	Maintenance of Road	Land & Land Improvements - R& D	Software Development	Monaragala	Polgahawela	North East	HRD Programme	R & D	Total
Agriculture & Eco. Unit															0.84	0.84
Bio- Chemistry						0.20						0.30	0.30		2.45	3.25
Bio Metry															0.84	0.84
Genetics & PB					0.30	0.30		1.00	2.00						3.50	7.10
Plant Pathology						1.70					0.50		0.50		3.20	5.90
Plant Science									1.00						3.50	4.50
Polymer Chemistry		5.50													2.05	7.55
RR & CA															2.67	2.67
RR & CE															2.40	2.40
Rubber Technology															2.80	2.80
Soils & Plant Nutrition															3.27	3.27
Total	**14.80**	**5.50**	**8.20**	**4.56**	**5.18**	**8.11**	**0.50**	**4.00**	**3.00**	**5.00**	**2.80**	**0.80**	**2.05**	**3.50**	**32.00**	**100.00**

RUBBER RESEARCH INSTITUTE OF SRI LANKA

DISTRIBUTIONAMONG THE DIFFERENT DIVISSIONS – January/ December 2025 (Recurrent)

Programme & Project Name Duration TEC & Source of Funds	Allocation - 2025			Activity based Budget			Source of Funds	Financial Quarterly Targets				Responsible Officer Name & Designation
	CF	GF	Total	Emoluments	Other	Total		Q1	Q2	Q3	Q4	
Accounts/Pro/ Stores	36.63		36.63	26.15	10.48	36.63	CF	9.16	9.16	9.16	9.16	Mr. B S S Hewage - SA
Administration - RT	11.31	10.00	21.31	15.01	6.30	21.31	CF&GF	5.33	5.33	5.33	5.33	Ms. Akila Tharinduni - AO
Administration -DF	12.30	30.00	42.30	30.14	12.16	42.30	CF&GF	10.57	10.57	10.57	10.57	Mr. DMS Dissanayake SAO
Audio Visual & IT Units	23.14		23.14	16.30	6.84	23.14	CF	5.79	5.79	5.79	5.79	Mr. Priyantha Peris - NA
Board Office	5.07		5.07	3.57	1.50	5.07	CF	1.27	1.27	1.27	1.27	Ms. Akila Tharinduni - AO
Director Office	10.83		10.83	7.63	3.20	10.83	CF	2.71	2.71	2.71	2.71	Dr S P Withanage - AD
Estate	26.93		26.93	18.97	7.97	26.93	CF	6.73	6.73	6.73	6.73	Mr. P A Lakshman - SME
Internal Audit Unit	6.88		6.88	4.85	2.04	6.88	CF	1.72	1.72	1.72	1.72	Ms. S Senadheera - IA
Library DF	4.51		4.51	3.17	1.33	4.51	CF	1.13	1.13	1.13	1.13	Ms. Chanika Wijesekara - PO
Monaragala Substation	3.83		3.83	2.69	1.13	3.83	CF	0.96	0.96	0.96	0.96	Mr. P A Lakshman - SME
Polgahawela Substation	1.43		1.43	1.01	0.42	1.43	CF	0.36	0.36	0.36	0.36	Mr. P A Lakshman - SME
ASD – Training Center	1.90		1.90	1.34	0.56	1.90	CF	0.48	0.48	0.48	0.48	Dr. S Gunarathne - HOD(CU)/SAO
Work Section	79.25		79.25	56.51	22.74	79.25	CF	19.81	19.81	19.81	19.81	Ms. D Prasadani - RE (CU)/EA
Adaptive Research Unit	14.36		14.36	10.11	4.25	14.36	CF	3.59	3.59	3.59	3.59	Dr. E Munasinghe - PRO
Adv. Service	32.98		32.98	23.41	9.57	32.98	CF	8.24	8.24	8.24	8.24	Dr. S Gunarathne - HOD(CU)/SAO

Agriculture & Eco. Unit	4.87		4.87	3.43	1.44	4.87	CF	1.22	1.22	1.22	1.22	Ms. P G N Ishani - RO
Bio- Chemistry	20.87		20.87	14.70	6.17	20.87	CF	5.22	5.22	5.22	5.22	Dr. S Kudaligama HOD
Bio Metry	5.99		5.99	4.22	1.77	5.99	CF	1.50	1.50	1.50	1.50	Mr. D Rathnayake -RO
Genetics & PB	38.22		38.22	26.91	11.30	38.22	CF	9.55	9.55	9.55	9.55	Dr. K Liyanage - PRO
Plant Pathology	27.79		27.79	19.57	8.22	27.79	CF	6.95	6.95	6.95	6.95	Dr. S Fernando - HOD
Plant Science	35.40		35.40	25.28	10.12	35.40	CF	8.85	8.85	8.85	8.85	Dr. TUK Silva-PRO
Polymer Chemistry	13.10		13.10	9.23	3.87	13.10	CF	3.27	3.27	3.27	3.27	Ms. H Samarasinghe - RO
RR & CA	16.10		16.10	11.34	4.76	16.10	CF	4.03	4.03	4.03	4.03	Dr. A P Attanayake - PRO
RR & CE	14.11		14.11	9.94	4.17	14.11	CF	3.53	3.53	3.53	3.53	Mr. Kasun Adhikari - RO
Rubber Technology	19.70		19.70	13.87	5.83	19.70	CF	4.93	4.93	4.93	4.93	Dr. Sampath - SRO
Soils & Plant Nutrition	26.50		26.50	18.66	7.84	26.50	CF	6.62	6.62	6.62	6.62	Mr. S Liyanaarachchi - RO
Total	**494.00**	**40.00**	**534.00**	**378.00**	**156.00**	**534.00**	**-**	**133.50**	**133.50**	**133.50**	**133.50**	**-**

Detailed Action Plan for Research &Development: -Agronomy Departments

Genetics and Plant Breeding Department (Rs. Mn 3.50)

Name of the Project :Breeding Selection and Evaluation of new Genotypes using Conventional and Molecular Breeding Strategies

Major Activates	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Annual hand pollination (HP) programme	2.5.1 & 2.5.2		Kalutara		01 year	0.2	0.1	0.02	0.05	0.08	0.1	0.15	0.18	0.20	200 new genotypes	5	15	40	50	75	100	200		Dr. K.K. Liyanage, 0773283651. lkapila@ymail.com	Conduct research on promoting locally adopted technological solutions to increase the productivity of agricultural products such as tea, rubber, coconut, and paddy, and to ensure the workers' safety.
Preliminary evaluation of HP mother plants			Kalutara		Continuous	0.5	0.1	0.02	0.05	0.08	0.10	0.25	0.38	0.50	Evaluate two hand pollinated progenies, Expand the bud wood nursery with five new promising clones	5	10	30	40	50	75	100			

Small scale evaluation of new genotypes selected (SSCTs)			Kalutara		Continuous	0.5	0.25	0.05	0.10	0.15	0.25	0.3	0.4	0.5	Establishment of 01 SSCT, Evaluation of 10 established SSCT's	5	10	15	25	30	60	100			
Evaluation of selected HP entries under estate collaborative level (ECTs)			Kalutara' Ratnapura		Continuous	0.7	0.3	0.05	0.15	0.20	0.30	0.45	0.5	0.7	Established 2 ECT and evaluated 18 established trials	5	10	20	25	30	60	100			Direct farmers to systematically cultivate commercial crops like coconut, rubber, and cinnamon in unconventional areas
Evaluation of selected HP entries in collaborating with smallholders in traditional and non-traditional rubber growing areas (SRTs)			Kalutara, Ampara, Hambanthota		Continuous	0.8	0.4	0.05	0.15	0.25	0.40	0.5	0.6	0.8	Established 01 SRT and evaluated 06 established trials	5	15	25	40	50	75	100			Direct farmers to systematically cultivate commercial crops like coconut, rubber, and cinnamon in unconventional areas

Molecular characterization of selected genotypes			Kalutara		Continuous	0.7	0.15	0.01	0.05	0.10	0.15	0.20	0.50	0.70	05 selections	5	20	30	40	50	70	100		Do	Conduct research on promoting locally adopted technological solutions to increase the productivity of agricultural products such as tea, rubber, coconut, and paddy, and to ensure the workers' safety.
Multilateral clone exchange programme					Continuous	0.1	0.05	0.01	0.02	0.03	0.05	0.06	0.08	0.1	Exchange 05 clones	10	20	30	40	50	75	100		Do	Do

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Plant Science Department (Rs. Mn. 3.50)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter		
Nursery experiment on plant quality improvement	1,2,13	No. of methods improved	Moneragala, Kalutara	10 no. of large-scaled nursery owners	1 year	0.6	0.05	0.01	0.02	0.04	0.05	0.40	0.50	0.6	One method	5%	10%	15%	25%	50%	75%	100%		Dr. T U K Silva, 034 2247383, 034 2247427, tuksilva@yahoo.com
Introducing advanced potting media & container	1,2,13	No. of media introduced	Middeniya, Kalutara	10 no. of large-scaled nursery owners	1 year	0.1	0.02	0	0.01	0.02	0.02	0.07	0.08	0.1	One medium	5%	10%	15%	25%	50%	75%	100%		
Automated micro-irrigation system for rubber nurseries	7,13	No. of design	Kalutara	Nursery owners	1 year	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	One design	10%	20%	25%	35%	60%	80%	100%		

Development of haploid rubber plants through tissue culture technique	13	Identified medium	Kalutara			0.1	0.04	0.01	0.02	0.04	0.04	0.06	0.08	0.1	Best medium to be identified	5%	10%	15%	25%	50%	75%	100%		Dr. T U K Silva, 034 2247383, 034 2247427, tuksilva@yahoo.com
Investigation seasonal floods on growth and yield of rubber	1,2,13	No. of findings	Kalutara	stallholders and estates in flooded area	1 year	0.07	0.04	0.01	0.02	0.03	0.04	0.05	0.06	0.07	One recommendation	5%	10%	15%	25%	50%	75%	100%		
Effect of priming of rubber plants with naturals or chemical to enhance growth and yield	1,2,13	No. of recommendations	Moneragala, Kalutara	stallholders and estates	3 years	0.63	0.10	0.00	0.00	0.00	0.10	0.40	0.53	0.63	One field trial established	5%	10%	15%	25%	50%	75%	100%		
Development of rubber based intercropping models	1,2,13	No. of intercrop models	Kalutara, Moneragala	stallholders and estates	3 years	0.50	0.30	0.075	0.15	0.23	0.30	0.35	0.45	0.50	One recommendation	5%	10%	15%	25%	50%	75%	100%		

Testing of different latex harvesting systems	1,2,13	No. of harvesting systems tested	Kalutara	stallholders and estates	1 year	0.45	0.2	0.05	0.1	0.15	0.2	0.25	0.35	0.45	One trial field established	5%	10%	15%	25%	50%	75%	100%		Dr. T U K Silva, 034 2247383, 034 2247427, tuksilva@yahoo.com
Testing of different rain guard types	1,2,13	No. of rain guard types	Kalutara	stallholders and estates	1 year	0.3	0.20	0.03	0.10	0.15	0.20	0.25	0.28	0.30	One trial field established	10%	20%	30%	50%	60%	80%	100%		
Development of different planting densities and spatial arrangements of rubber	13	No. planting densities tested	Kalutara, Moneragala	stallholders and estates	3 years	0.15	0.07	0.01	0.02	0.04	0.07	0.1	0.12	0.15	Annual data collection and maintenance	5%	10%	15%	25%	50%	75%	100%		
Inspection and certification of nursery plants (ongoing project)		No. of plants certified	All Island	stallholders, estates and nursery owners	on-going	0.15	0.08	0.02	0.04	0.06	0.08	0.1	0.125	0.15	Number of plants certified	5%	10%	15%	25%	50%	75%	100%		
Conduct training programmes / make advisory visits	1.2.13	No. training conducted	All Island	stallholders, estates and nursery owners	on-going	0.15	0.05	0.01	0.03	0.04	0.05	0.075	0.1	0.15	Number of issues handled	5%	10%	15%	25%	50%	75%	100%		

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Plant Pathology & Microbiology Department (Rs. Mn. 3.20)

Major Activities	Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
									January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Screening of chemical pesticides to control pests – screening of clones to identify disease resistant clones	Screening of chemical pesticides to control diseases effectively	2,12	2,3	Kalutara, Colombo, Kegalle, Rathnapura, Galle, Moneragala	All the rubber Growers, Researchers, Policy makers, University students	Continues	1.0	0.4	0.10	0.20	0.30	0.40	0.5	0.8	1.0	No of pesticides -02	5	10	15	20	40	75	100		Dr. (Ms.) T.H.P.S. Fernando, Head Plant Pathology & Microbiology Dept.	
	Screening of Hevea clones against the economically important diseases															No of clones -50	2	6	8	10	40	75	100			
Studies on the biology, molecular biology of pests and development of biological controlling protocols	Biology and molecular biology of leaf and stem disease pathogens					Continues	1.0	0.3	0.1	0.2	0.25	0.3	0.4	0.8	1.0	Publications - 04	2	6	8	10	60	80	100	Moneragala 0.5 added		

Studies on beneficial microbiology to explore microbiological applications and strengthen the microbiological testing through accreditation	Maintenance of national culture collection					2 - 4 years	0.2	0.16	0.05	0.10	0.12	0.14	0.16	0.18	0.2	Microbe cultures - 100	5	10	15	25	50	75	100			
	Biological controlling of pathogens															Biopesticides - 01	2	4	8	10	20	30	100			
	Development of microbiological applications															Microbe applications - 02	2	4	8	10	50	75	100			
Surveillance of potential pests and disease outbreaks to avoid unwanted sudden disease epidemics - Advisory &	Surveys to Identify destructive disease condition and making early warnings					Continues	1.0	0.25	0.05	0.10	0.20	0.25	0.3	0.7	1.0	Early warnings - 04	2	4	6	10	20	75	100			

	Investigations on pest and diseases from the non-traditional rubber growing areas and development of management strategies															Advisory circulars - 04	5	10	15	25	50	75	100	NE 0.5 added		
	Advisory services															Advisory visits - 100	5	10	15	25	50	75	100			
	Training programmes															Training programmes -20	5	10	15	25	50	75	100			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Soil & Plant Nutrition Department (Rs. Mn. 3.27)

Name of the Project : Introducing Environment-Friendly Fertilizer Application Techniques and Organic Amendments to Improve the Fertility and Conditions of Rubber Growing Soils in Sri Lanka (0.2 Mn)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Efficacy testing of commercially available organic amendments for rubber cultivation	2.12.13.15	No of organic amendments tested	All the rubber growing areas	All the sector	Depend on the requirement	0.15	0.06	0.015	0.03	0.045	0.06	0.11	0.13	0.15	2 products	2 %	5 %	7.5 %	10 %	15 %	20 %	25 %	The progress will be depend on the requests from customers to evaluate their products	Mr. L. A. T. S. Liyanaarachchi, sangeethliyanaarachchi@gmail.com,0778197733	
Advisory and workshops for Slow Release Techniques	2.12.13.15	No of programs conducted	All the rubber growing areas	All the sector	Depend on the requirement	0.05	0.02	0.005	0.010	0.015	0.020	0.03	0.04	0.05	5 programs	0	1	0	2	3	4	5	Couldn't able to conduct upto April due to financial constraints		

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project : Development of New Inorganic Fertilizer Formulations for Nursery Plants, Immature and Mature Rubber Plantations, and to manage the new Circular Leaf Spot Disease (CLSD) (1.4 Mn)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Optimization Fertilizer Formulations for Accelerated Growth in Rubber Nursery Plants	2,9,12	Growth rate improvements of plants and number of plants production increased	Moneragala, Colombo, Kegalle	All the rubber growers	one year	0.8	0.015	0	0.015	0	0	0.3	0.6	0.8	No of nurseries established (04)	0	0	0	0	0	0	1	The nursery at the Moneragala will be finished in this year and other three nurseries will be ended up in the next year		
Evaluation of Novel Nutrient Sources to Improve the Yielding Capacity and Sustainability by Fertilizer Optimization of Mature Rubber Plantations in Sri Lanka	2,12,13,15	Latex yield increased	Kalutara, Colombo	All the rubber growers	Two years	0.3	0.015	0	0.0075	0.015	0	0.115	0.215	0.3	Yield increment	0	0	0	0	0	5 %	10 %	The ultimate yield increment will measure after two years		

Evaluation of Novel Fertilizer Mixture (R/U 20:07:20) for immature Rubber	2,12,13	No of sites applied	Kalutara, Colombo, Kegalle	All the rubber growers	5 Years	0.1	0.001	0.001	0	0	0	0.026	0.066	0.1	No of sites (04)	0	0	0	0	0	2	4	Sites are already selected and applied treatments are evaluating further up to 5 years		
Identify the clone based nutrient demands to develop clone based fertilizer mixtures	2,12,13,12	No of clones evaluated	Kalutara	All the rubber growers	2 Years	0.1	0.001	0.001	0	0	0.020	0.045	0.085	0.1	No of clones (02)	0	0	0	0	2	0	0	Number of clones evaluated will be based on the conditions		
Effect of nutrient management on the Pestalotiopsis (New leaf fall disease) in rubber	2,12,13,12	No of mixtures developed	Kalutara and Colombo	All the rubber growers	5 Years	0.1	0	0	0	0	0.015	0.045	0.07	0.1	No of mixtures (02)	0	0	0	0	0	0	2	Two mixtures are testing here for both immature and mature rubber		

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project : Development of an Integrated, Rapid, and Cost-Effective Methodology for Soil and Leaf Nutrient Determination in Rubber Cultivations in Sri Lanka Using Mid Infrared Spectroscopy, Soil Sensors, and Drone-Based Remote Sensing (0.8 Mn)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Establishing of data plots in rubber growing soils throughout the rubber growing soil series	2,9,15	No of data plots established	All the rubber growing districts	All the rubber growers	2 Years	0.3	0.025	0.005	0	0.010	0.025	0.15	0.20	0.30	No of plots (07)	0	0	0	1	4	6	7			
Evaluation of different nutrient assessment techniques in terms of laboratory and field methods	2,9,12	No of techniques evaluated	All the rubber growing districts	All the rubber growers	2 Years	0.5	0.025	0	0.01	0	0.025	0.15	0.30	0.50	No of techniques (03)	0	0	0	1	0	2	3			

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Conducting proficiency testing program for laboratory analysis ,the maintenance of the laboratory and maintenance of instrument service fees	9,12	Number of parameters evaluated via proficiency tests	Kalutara	All the stakeholders	1 year	0.05	0.01	0	0	0	0.01	0.025	0.05	0	No of parameters (04)	0	0	0	2	4	0	0			
Issuing land suitability reports	2,15	No of reports	All the areas in the	All the stakeholders	1 year	0.05	0	0	0	0	0	0.025	0.05	0	10 reports	0	0	0	0	5	10	0			
Upgrading the laboratory status to obtain the ISO 17025 certification	9,12	Development level	Kalutara	All the stakeholders	2 years	0.10	0.025	0	0	0.015	0.025	0.050	0.075	0.10	Development level (%) upto 50% in this year	0	5%	5%	10%	10%	25%	50%			

Issuing site specific fertilizer recommendation reports for mature rubber plantations	2,12	No of reports issued	All the mature rubber areas	All the stakeholders	1 Year	0.2	0	0	0	0	0	0.075	0.125	0.2	60 reports	0	0	0	0	0	0	60			
Training of the staff	4,9	No of trainings	Kalutara	All the staff	1 year	0.05	0	0	0	0	0	0.025	0	0.05	2 Trainings	0	0	0	0	1	0	2			
Efficacy testing of fertilizers and weedicides	2, 12	No of products tested	All the rubber growing areas	All the stakeholders	Depends	0.05	0.03	0.015	0.02	0.025	0.03	0.04	0.05	0	2 products	0	0	0	0	0	1	2	No of products based on the requests by customers		
issuing 60 analytical reports on soil leaf, fertilizers and organic product	2,12	No of reports issued	All the areas in the country	All the stakeholders	1 year	0.37	0.05	0.01	0.02	0.03	0.05	0.175	0.3	0.37	30 reports	2	4	6	8	18	28	30			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Bio Chemistry & Physiology Department (Rs. Mn. 2.45)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details	Linked Gov. policy Frame work Page &
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Effective introduction of LIH systems to rubber growers	8.5 10.1 12.2	No. of growers	Colombo, Kalutara, Rathnapura, [illegible]	50	Continuous	0.20	0.07	0.02	0.03	0.05	0.07	0.08	0.15	0.20	Fields 20	1	2	3	4	5	10	20		KVVS Kudaligama 0772640413	
Impact of CLSD on the efficacy of LIH Systems		No. of fields monitored	Kalutara, Rathnapura, Kegalle	Rubber growers in the country	2023-2027	0.10	0.07	0.01	0.03	0.05	0.07	0.03	0.03	0.10	Fields 20	5	5	5	5	5	10	20			
Optimizing agro management practices of rubber through biochemical and physiological aspects		No. of practices	Kalutara, Rathnapura, Kegalle, Moneragala	Rubber growers in the country	2025 - 2030	0.10	0.03	0.01	0.01	0.02	0.03	0.02	0.06	0.10	Treatments 4	4	4	4	4	4	4	4			

Further improving the quality of locally formulated ethephon formulation to alleviate tapping and stimulation stress to trees (2023 - 2030)		No. of formulations	Kalutara, Colombo	Rubber growers in the country	2023- 2030	0.30	0.02	0.01	0.01	0.02	0.02	0.10	0.20	0.30	Improved level 15%	25%	25.1%	25.3%	26%	5%	10%	15%		KVVS Kudaligama 0772640413	
Identification of sustainable rubber clones/genotypes through latex diagnosis.		No. of clones/genotypes	Kalutara, Kegalle	Rubber growers in the country	Continuous	0.45	0.11	0.03	0.06	0.09	0.11	0.15	0.3	0.45	Clones/Genotypes-25	25	25	25	25	25	25	25			
Identification of effect of weather and climatic factors on physiological and biochemical features and yield of rubber tree		No. of clones	Kalutara, Gampaha, Vavuniya, Ampara, Polonnaruwa, Anuradhapura	Rubber growers in the country	Continuous	0.50	0.2	0.05	0.10	0.15	0.20	0.15	0.25	0.50	clones 9	8	8	8	8	8	8	8			
Use of rubber wood as an alternative to forest timber and timber allied products		No. of clones	Kalutara, Rathnapura, Kegalle, Kurunegala, Moneragala, Ampara, Vavuniya	Rubber growers and rubber wood industries in the country	2025 - 2030	0.80	0.08	0.01	0.02	0.04	0.08	0.3	0.5	0.8	Clones 10	10	10	10	10	5	5	5			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Adaptive Research Unit (Rs. Mn. 1.23)

Name of the Project :Expansion of rubber cultivation to non-traditional areas

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025 (Cumulative)							Physical Targets 2025 (Cumulative)								Remark	Responsible Officers Contact Details	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Development of suitable protocols to cultivate rubber in Dry Zone (99.5%)	1a, 1.2	5,6	Ampara, Anuradhapura, Vavuniya, Mullathiw		2003 - 2027	0.46	0.05	0.04	0.04	0.04	0.05	0.03	0.06	0.09	Technologies for DZ rubber cultivation refined	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	100%		0772642469 enokamunasinghe@yahoo.com	Framework page 74-76 Bullet No. 3.6
Assessments on socioeconomic impact of rubber cultivation in nontraditional areas. (96%)							–	–	–	–	–	0.03	0.06	0.09	Impact assessments conducted	-_	_	_	_	96.5%	97%	97.5%			
Identification of agronomic and socio-economic feasibility for rubber cultivation in new areas of dry zone. (85%)							0.04	_	0.02	0.03	0.04	0.05	0.10	0.15	New DS divisions identified for rubber cultivation	-_	85.2%	85.3%	85.3%	85.5%	86%	86.5%			
Identification of suitable farming models for new areas (74%)							–	–	–	–	–	0.05	0.10	0.13	Area-specific rubber based farming	-_	_	_	_	76%	78%	80%			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project :Productivity improvement through technology development

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Assess the adoption rate of recommended agronomic practices in rubber cultivation in non-traditional areas (50%)	4.1, 5, 10.4	5, 6	Ampara, Monaragala		2016 - 2027	0.77	0.134	0.040	0.085	0.125	0.134	0.13	0.25	0.45	Smallholder rubber fields assessed (100%)	54 %	58 %	62 %	62 %	65 %	85 %	100 %		772642469 enokamunasinghe@yahoo.com	Framework page 74-76 Bullet No. 3.6
Situational analysis and field investigation of immature rubber clearings established in the last four years in Kegalle and Kurunegala districts (0%)			Kegalle, Kurunegala				0.036	0.005	0.015	0.025	0.036	0.06	0.10	0.32	Smallholder rubber fields investigated (50%)	3 %	8 %	13 %	18 %	15 %	35 %	50 %			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Biometry Section (Rs. Mn. 0.84)

Name of the Project : Improving the reliability of interpretations of research projects through appropriate statistical methods

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Research support for research projects conducted by RRISL	NA	No. of research projects benefited	NA	All Scientific staff	1 year	0.18	0.01	-	0.005	-	0.005	0.035	0.095	0.18	Research support for projects identified for 2024 Action Plan	5 %	10 %	20 %	25 %	50 %	75 %	100 %		Mr. Dilhan Rathnayaka	
Development, modification and application of appropriate statistical methods for agronomic, socio-economic and industrial experiments in the rubber sector	NA	No. of applications/ modifications/ applications of statistical methods	NA	All Scientific staff	1 year	0.17	0.01	-	-	0.005	0.005	0.035	0.085	0.17	01 developments/ modifications/ applications and subsequent publications	5 %	7 %	15 %	20 %	45 %	70 %	100 %			

Name of the Project : Reliable information for stakeholders for climate related actions for better decision making

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Maintenance of databases on meteorological data in rubber growing areas	13	No. of databases maintained	All rubber growing areas	All Stakeholders	1 year	0.28	0.03	-	0.01	0.02	0.03	0.10	0.17	0.28	No. of databases 05	5 %	12 %	20 %	25 %	50 %	75 %	100 %		Mr. Dilhan Rathnayaka	
Analysis of climate change and variability indicators	13	No. of indicators analyzed	All rubber growing areas	All Stakeholders	1 year	0.21	0.02	-	0.01	-	0.02	0.06	0.10	0.21	No. of indicators 01		5 %	15 %	20 %	40 %	70 %	100 %			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Agriculture Economics Unit (Rs. Mn 0.84)

Name of the Project : Analysis on Socio-economic implications & sustainability issues of rubber cultivation

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Analysis of Food Security of Estate workers	2.1, 2.2	No of publication	Kalutara	Estate worker communities	2024.01.01-2025.12.31	0.252	0.063	0.016	0.032	0.047	0.063	0.126	0.189	0.252	100	72.5	75	77.5	80	85	90	100	Continuous from previous year	Ms. P. G. N. Ishani	
Sustainability Analysis of Rubber cultivation	12.1, 12.2	No of publication	NA	Smallholder rubber farmers and policy makers	2024.01.01-2025.12.32	0.168	0.042	0.011	0.021	0.032	0.042	0.084	0.126	0.168	100	81	82	83	85	90	95	100			

Name of the Project : Rubber Industry data management and economic analysis

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details	Linked Gov. policy
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Economic and trade data management and Analysis	NA	No. of databases maintained	NA	All stakeholders attached to the rubber sector	2025.01.01-2025.12.32	0.168	0.042	0.011	0.021	0.0315	0.042	0.084	0.126	0.168	NA	NA	NA	NA	NA	NA	NA	NA	Each year defined new physical targets		
Analysis of smallholder rubber farmers' resilience and adaptation to climate change	12.1, 12.2, 12.8	No of publication	Kalutara, Rathnapura, Kegalle	Smallholder rubber farmers	2024.01.01-2025.12.32	0.252	0.063	0.016	0.0315	0.04725	0.063	0.126	0.189	0.252	100	55	60	65	70	80	90	100	This is a collaborative activity with Advisory Department. Continuous from previous year. Having difficulties with data collection as farmers don't have records on tapping days	Ms. P. G. N. Ishani	

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Advisory Services Department (Rs. Mn. 3.25)

Name of the Project : Development of the strategic cyber extension approaches to transfer technologies of rubber farming practices

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Building a network among the RFs in the e-advisory service	8		All rubber growing districts	Nearly 5000 smallholders, Management of RPCs	12 months	0.601	0.03	0.003	0.006	0.027	0.030	0.47	0.50	0.601	1. Building a network among the 500 RFs in the e-advisory service	25	50	75	100	250	400	500		Dr P.K.K.S. Gunarathne (071-3195674)	3.2 (110-116)
2. Development of podcast videos on RF for the SM platforms															2. Development of 2 podcast videos on RF for the SM platforms	0	0	0	0	1	2	0			
3.Development of technical content videos on RF for the SM platforms															3.Development of 8 technical content videos on RF for the SM platforms	0	0	0	2	4	6	8			

6. Monitoring and evaluation	5.Establishment of the e-Advisory service / Advisory calling center	4.Development of a cyber-extension protocol	4. Manage FB account/page and u tube channel for the cyber extension
8			
All rubber growing districts			
Nearly 5000 smallholders, Management of RPCs			
12 months			
	6.Establishment of the e-Advisory service / Advisory calling center	5.Development of a cyber-extension protocol	4. Development of 60 FB contents
	0	0	5
	0	0	10
	0	0	15
	1	0	20
	0	0	30
	0	0	45
	0	1	60

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project : Technically rehabilitation in sub-standard rubber holdings and rubber processing centers by participatory approach in the rubber growing areas

Major Activates	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1.Identification of sub-standard smallholdings/ smokehouses	8		All rubber growing districts	160 rubber smallholdings and 100 medium estates	12 months	1.077	0.27	0	0.001	0.27	0	0.46	0.86	1.077	1.200 technically rehabilitated rubber holdings (Smallholdings and medium estates)	0	0	0	0	0	0	100		Dr P.K.K.S. Gunarathne (071-3195674)	3.2 (110-116)
2.Conducting ***Arunella*** programme/ practical workshops / awareness programmes/															2.10 established intercropping demonstration plots	0	0	0	0	5	0	5			
3.Introduction of appropriate technologies/ practices															3. 25 established rain-guards demonstration	0	0	0	5	20	0	0			

6.Monitoring and impact evaluation	5.Implementation of corrective measures of RF practices	4.Conducting technical advisory service (in – situ)/ e-advisory service
8		
All rubber growing districts		
160 rubber smallholdings and 100 medium estates		
12 months		
	5. 15 new processing centers/ Demonstration centers	4. 10 technically rehabilitated processing centers/ Demonstration
	0	0
	0	0
	0	0
	0	0
	0	0
	0	0
	15	10
Dr P.K.K.S. Gunarathne (071-3195674)		

Name of the Project : Technical advisory and strategic extension service to solve technology adoption issues/trouble shooting of rubber growers/ stakeholders

Major Activates	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Identify and conduct technical advisory visits (In-situ) / e- Advisory /Introduce new/ appropriate technologies/ practices (on request)	8		All rubber growing districts	1200 rubber growers	12 months	0.362	0.002	0	0	0.002	0	0.12	0.25	0.362	1200 (Depends) technical advisory visits completed/ Solved technical issues	100	200	300	400	600	900	1200		Dr P.K.K.S. Gunarathne (071-3195674)	3.2 (110-116)
2. Conduct group advisory (***Vihidum Sathkara***) for selected smallholdings/ **STaPTs programme for RPCs/** e -Advisory to solve technical issues															12 conducted group advisory (***Vihidum Sathkara***) for selected village covering and addressing technical issues	1	2	3	4	9	12	0			
3. Monitoring and impact evaluation																									

Name of the Project : Development of para extension service to enhance adoption rate of RRISL recommendations/ rubber farming practices

Major Activates	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Identify target groups	8		All rubber growing districts	650 human resources of rubber farming	12 months	0.85	0	0	0	0	0	0.32	0.53	0.85	1. 400 skilled rubber harvesting assistants in RPCs and medium estates	0	0	50	75	200	350	400		Dr P.K.K.S. Gunarathne (071-3195674)	
2. Conduct practical workshops/ training classes/ exhibitions/ field days/ technical awareness programmes															2. 100 skilled field staff in RPCs	0	0	25	0	50	75	100			

3. Registration the service providers in RRISL														3. 125 skilled medium estate staff/owners	0	0	100	0	125	0	0			
4. Monitoring and impact evaluation														4. 40 registered/ introduced rubber farming service providers	0	0	0	0	40	0	0			

Name of the Project : Development of extension protocol to manage the private extension service in the rubber sector

Major Activates	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Develop of the data base of private extension services in the rubber sector	8		All rubber growing districts	100 private extension personnel in 25 private extension organizations	12 months	0.36	0	0	0	0	0	0.12	0.25	0.36	1. Development of a protocol of private and public extension services in the rubber sector	0	0	0	0	0	0	1		Dr P.K.K.S. Gunarathne (071-3195674)	
2. Train and register private extension personnel in RRISL															2. Conducting four in-service training programme for RDOs and private extension personal	0	0	1	0	1	1	1			
3.Conduct research extension dialog / in-service training programme for RDOs															3. Development of training module on practical workshops for rubber harvesting assistants	0	0	0	0	0	0	1			

4.Develop training modules on practical workshops															4. Conducting research extension dialog	0	0	0	0	1	0	0			
5. Develop of the protocol of private extension services in the rubber sector															5. Registering 25 private extension organizations in RRISL	0	0	0	0	0	0	25			
6. Monitoring and impact evaluation																									

Technology Departments:-

Rubber Technology & Development Department (Rs. Mn 2.80)

Name of the Project : Synthesis of graphite derivatives and development of rubber composites with good physico-mechanical, electrical, and thermal conductive properties for high-tech engineering and electronic applications

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025 (Cumulative)							Physical Targets 2025 (Cumulative)								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Identification of graphite and graphite derivatives incorporated rubber products	9.2.1., 9.3.1. & 9.b.1.	No. of rubber products	RRISL		1 year	0.1	0.05	0.01	0.02	0.03	0.05	0.07	0.09	0.10	4 Rubber products	10 %	20 %	25 %	35 %	50 %	75 %	100 %		Dr. W.D.M. Sampath, Tel : 077 2548221 Email : wikcramage@yahoo.com	Page 88 & bullet no 3.9/ Page 74 & bullet no 3.6
Synthesis of graphite derivatives		No. of graphite derivatives				0.5	0.1	0.02	0.05	0.08	0.1	0.3	0.45	0.5	2 Graphite derivatives	5 %	10 %	25 %	40 %	50 %	75 %	100 %			
Development of graphite derivatives incorporated dry rubber-based compounds/products for industries/entrepreneurs		No. of dry rubber based compounds / products		3 companies		0.8	0.1	0.02	0.05	0.08	0.1	0.4	0.5	0.8	3 Dry rubber based compounds/products	5 %	10 %	25 %	40 %	45 %	70 %	100 %			

Development of graphite derivatives incorporated latex based compounds/products for industries/entrepreneurs			No. of latex rubber based compounds / products		1 company		0.3	0.05	0.01	0.02	0.03	0.05	0.1	0.2	0.3	1 Latex based compounds/products	2%	10%	25%	30%	50%	75%	100%			
Conducting workshops / training & promotional programs for entrepreneurs / rubber smallholders			No. of entrepreneurs / rubber small holders		160		0.62	0.2	0.05	0.1	0.15	0.2	0.4	0.55	0.62	160 Entrepreneurs/rubber small holders	5	13	21	30	70	120	160			
Testing raw rubber, rubber compounds and products at the request of the industry			No. of tests		RRISL		0.48	0.1	0.02	0.04	0.08	0.1	0.25	0.4	0.48	900 Tests	30	70	110	150	400	650	900			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Polymer Chemistry Department (Rs. Mn. 2.05)

Name of the Project : Development of value-added polymers/polymer composites through the modification of polymer structure and matrix

Major activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
Identification of possible biomedical products that can be developed at small and medium scale industry level	9.2.1., 9.3.1. & 9.b.1.	No of products identified	Rubber Research Institute Ratmalana		01/01/2025-31/01/2025	0.05	0.05	0.013	0.025	0.04	0.05	0.05	0.05	0.05	2Bio medical products	10 %	20 %	30 %	40 %	50 %	90 %	100 %		IHK Samarasinghe Tel:0112635851 ext. 220 email:hasa86@gmail.com	Page 74 & bullet no 3.6
Synthesis and characterization of modified grade natural rubbers		No of modified grade natural rubbers synthesized				0.20	0.1	0.025	0.05	0.08	0.1	0.2	0.2	0.2	2Modified grade Natural Rubber	10 %	20 %	30 %	50 %	70 %	90 %	100 %			

Development of modified grade rubber incooperated dry rubber based compounds/vulcanizate for bio medical products		No of dry rubber based compounds developed				0.1	0.1	0.025	0.05	0.08	0.1	0.1	0.1	0.1	1Dry Rubber based compound	2%	4%	8%	10%	40%	70%	100 %			
Development of modified grade rubber incooperated latex based compounds/vulcanizate for bio medical products		No of latex based compounds developed				0.15	0.1	0.025	0.05	0.08	0.1	0.12	0.14	0.15	1Latex based compound	2%	4%	8%	10%	40%	70%	100 %			
Troubleshooting, testing services and training programs		No of Tests/No of Reports		100		1.55	0.25	0.05	0.15	0.2	0.25	1	1.5	1.55	1000(Tests)	50	100	150	250	500	750	1000			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Raw Rubber Process Development & Chemical Engineering Department (Rs. Mn. 2.40)

Name of the Project: Raw rubber and mechanical properties of Graphene Oxide (GO) incorporated centrifuged latex, crepe, and sheet rubbers.

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025							Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
(i). Design the project with three selected raw rubbers (ii) Synthesis of GO in the laboratory (iii). Manufacture of GO incorporated latex, crepe, and sheet rubber (iv).Study the raw rubber properties and physico-mechanical properties (v)property evaluation and optimization (vi).applications			RRISL, Ratmalana	Rubber Product Manufacturers	1 Year	0.9	0.2	0.2				0.5	0.7	0.9	6 batches	2				4	6	0		77873692 6/ kasuna@rrisl.gov.lk	

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project: Residual metal ion contents in different raw rubbers and their effects on raw rubber properties/vulcanizate properties.

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
(i). Design the project (ii) collection of samples/ sample preparation (iii).determination of metal ion content (iv).Study the raw rubber properties (v) preparation of rubber vulcanizate (vi).study and evaluate properties			RRISL, Ratmalana	Rubber Product Manufacturers, exporters, buyers	1 Year	0.8	0.2	0.2				0.45	0.7	0.8	30 samples	preparation and testing of 10 samples				20 samples	30 samples	0 Samples		778736926/ kasuna@rrisl.gov.lk	

Name of the Project : Laboratory Accreditation- ISO 17025

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
(i). Documentation (ii) Internal Audit (iii).Application Process (iv).Obtain ISO-17025 accreditation			RRISL, Ratmalana	Rubber Product Manufacturers, exporters, buyers	1 Year	0.4	0.1	0.1				0.3	0.35	0.4	Obtain ISO 17025 Accreditation	complete the documentation process				conduct 1 audit	Application process	Obtaining ISO 17025 Accreditation		778736926/ kasuna@rrisl.gov.lk	

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Name of the Project : Sample testing , Industrial troubleshooting and Other services provided by the department

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
(i) Sample testing (ii) Industrial troubleshooting (iii) Technology transfer cervices			RRISL, Ratmalana	Rubber Product Manufacturers, exporters, buyers	1 Year	0.3	0.05	0.05				0.17	0.24	0.30	(i) Sample testing (ii) Troubleshooting (iii) Technology transfer	50 samples, 2 troubleshooting , 20 technology transfer				80 samples, 5 troubleshooting , 60 technology transfer	120samples, 8 troubleshooting , 90 technology transfer	150 samples, 10 troubleshooting , 110 technology transfer		778736926/ kasuna@rrisl.gov.lk	

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Raw Rubber & Chemical Analysis Department (Rs. Mn. 2.67)

Name of the Project: Client assistance services (continuous)

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025							Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Testing and analysis Services	12. Responsible production & productivity 8. Decent work & economic growth	No: of testing conducted No: of reports issued	All Rubber Growing Districts	12 BOI rubber manufacturers, 17 Regional Plantation Companies, Small & medium scale rubber growers, Rubber-based industries, researchers and students (Indirect)	12 months	0.67	0.67	0	0	0	0	0.10	0.40	0.67	1200 tests and 400 reports	390				690	1040	1200		Dr. Anusha Attanayake anushaattanayake04@gmail.com	pg 25 Bullet No: 31: Establishing state to art research and monitoring centre equipped with advanced laboratory facilities to ensure the quality and safety of seafood production (Rubber), meeting national and international standards and certification.

2. Conducting training programmes	4. Quality Education 8. Decent work & economic growth	No: training programs conducted	As per the customer request, particular company (Location) will be visited if required for the training. Otherwise RRI Lab premises (Colombo District)	All BOI rubber manufacturers 17 Regional Plantation Companies Small & medium scale rubber growers Rubber-based industries researchers and students (Indirect)										05 training programs	1	3	5	0			
3. Laboratory Accreditation	12. Responsible production & productivity 8. Decent work & economic growth	No: latex tests accredited	Kalutara District	All BOI rubber manufacturers 17 Regional Plantation Companies Small & medium scale rubber growers Rubber-based industries researchers and students										Acquiring accredited status for 7 latex tests	18%	53%	78%	100%			

Name of the Project: Quality improvement, quality control and quality assurance of latex, dry rubber & rubber processing chemicals

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025							Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
4.Research Project 01: Development of Non-toxic	Direct 9. Industry innovation & infrastructure 12. Responsible production & productivity 8. Decent work & economic growth	No: of chemicals tested	Kalutara District	17 Regional Plantation Companies Small & medium scale rubber growers Rubber-based industries 01 research student	12 months	2.00	0	0	0	0	0	0.8	1.0	0.2	Testing two chemicals to modify field latex prior to process	15%				80%	90%	100%		Dr. Anusha Attanayake anushaattanayake04@gmail.com	pg 25 Bullet No: 31: Establishing state to art research and monitoring centre equipped with advanced laboratory facilities to ensure the quality and safety of seafood production (Rubber), meeting national and international standards and certification.
5.Research project 02: Enhancing Quality of Technically	Direct 9. Industry innovation & infrastructure 12. Responsible production & productivity 8. Decent work & economic growth In-direct 1.No poverty 6.Clean water & sanitation	No: of TSR factories registered as the function of quality optimization % Increment of annual TSR exportation income	All Districts where TSR companies located	29 solid and pneumatic tyre manufacturers in Sri Lanka 11 TSR Manufacturers Rubber-based industries 01 research student											Number of certified & registered TSR manufacturers and annual TSR exportation Income	15%				80%	90%	100%			

6. Rubber Industry related trouble shooting/collaborative work	Direct 9. Industry innovation & infrastructure 12. Responsible production & productivity 8. Decent work & economic growth In-direct 1.No poverty 6.Clean water & sanitation	No. of activities conducted	All Districts where TSR companies located	12 BOI rubber manufacturers 17 Regional Plantation Companies Small & medium scale rubber growers Rubber-based industries researchers and students (Indirect)	12 months										Number of trouble shooting activities conducted	10%	65 %	80 %	100 %			

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Development Activities

MAPI projects - Plant Pathology & Microbiology Department (Rs. Mn. 6.98)

Name of the Project : Studies on the biology and epidemiology of the Pestalotiopsis Leaf fall disease and to develop effective management strategies

Major Activities	SDG No.	KPI	Location Districts/DS	Targeted No. of Beneficiaries	Project duration	Expected expenditure in 2025 (Rs. Mn)	Expected expenditure in 2025 January to April (Rs. Mn)	Financial targets - 2025							Physical Targets 2025								Remark	Responsible Officers Contact Details (Tel/Fax/Email)	Linked Gov. policy Frame work Page & bullet No.
								January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter	Physical target (unit and unit No's)	January	February	March	April	2nd Quarter	3rd Quarter	4th Quarter			
1. Studies on biological means of disease management	2,12	2,3	Kalutara, Colombo, Kegalle, Rathnapura, Galle	All the rubber Growers, Researchers, Policy makers, University students	2021-2025	0.8	0.2	0.0	0.0	0.0	0.30	0.4	0.6	0.8	Sequencing cultures No. - 12 and No. of trials - 04	5	10	15	20	40	75	100		Dr. (Ms.) T.H.P.S. Fernando, Head Plant Pathology & Microbiology Dept.	
2. Studies on the epidemiology of the CLSD						0.6		0.02	0.05	0.08	0.10	0.2	0.4	0.6	No. of findings - 04	5	10	15	20	40	75	100			
3. Studies on integrated disease management/ Chemical						2.26		0.20	0.40	0.60	0.80	1.5	2	2.26	No of experiments- 12	5	10	15	20	60	80	100			

4. Screening of the Hevea accessions against the pathogen/(s)						0.8		0.10	0.20	0.25	0.30	0.4	0.6	0.8	No. of clones - 50	5	10	10	15	20	30	100			
5. Testing of the cocktail in large scale						1.0		0.10	0.15	0.18	0.20	0.3	0.5	1	No. of experimental plots - 05	5	10	15	25	50	75	100			
6. Carrying out awareness programmes						0.7		0.00	0.05	0.08	0.10	0.25	0.5	0.7	No. of awareness programmes - 10	5	10	15	20	50	75	100			
7. Developing publications on the findings						0.82		0.05	0.10	0.15	0.20	0.3	0.6	0.82	No. of publications - 03	5	10	15	20	25	75	100			

Special Projects - Adaptive Research Unit

Priority Area :- Encouraging rubber related products aimed at local and foreign markets
Objectives :- Obtain the Verified Carbon Standards for rubber cultivation in Monaragala and Ampara districts and utilize those monetary benefits to livelihood development and further expansion an approach for voluntary carbon market with rubber

Project	Activities	Financial (Rs. Mn)					Physical				
		Annual Financial Target	Quarterly Targets (Cumulative)				Annual Target (with Units)	Quarterly Targets (Cumulative)			
			Q1	Q2	Q3	Q4		Q1	Q2	Q3	Q4
Developing a project to approach the Voluntary Carbon Market with the rubber cultivation in Eastern and Uva provinces for sustainable rubber industry	Registration of the project at Verra Registry	Proclime Lanka (Pvt) Ltd bears all expenses	-	-	-	-	Registered carbon trading project	75%	100%	100%	100%
	Maintenance of monitoring plots		-	-	-	-	Assessed growth of 50 monitoring plots	25%	50%	75%	100%
	Project verification by an accredited body		-	-	-	-	Verified carbon stocks in 3000 ha		50%	100%	100%
	Issuance of Verified Carbon Units (VCUs)		-	-	-	-	Issued ca. 250,000 VCUs	_	_	50%	100%
	Benefit sharing		-	-	-	-	shared benefits	_	_	_	100%

Treasury Allocations Requirements for the January to December 2025

Month	Recurrent			Capital			Total Recurrent and Capital Allocation
	Rs. Million 494.0 (Approved Rs. 395.0, Add Rs.99.0)			RS. Million 100.00			
	Salaries	Other Recurrent	Total	Research	Other Assets	Total	Rs. Million
January	28.00	5.00	33.00			-	33.00
February	28.00	5.00	33.00			-	33.00
March	28.00	5.00	33.00			-	33.00
April	33.00	10.00	43.00			-	43.00
May	33.00	10.00	43.00	4.00	1.31	5.31	48.31
June	33.00	10.00	43.00	4.00	5.00	9.00	52.00
July	32.00	11.00	43.00	4.00	6.56	10.56	53.56
August	33.00	12.00	45.00	4.00	5.90	9.90	54.90
September	33.00	12.00	45.00	4.00	4.00	8.00	53.00
October	32.00	12.00	44.00	4.00	2.40	6.40	50.40
November	33.00	12.00	45.00	4.00	18.30	22.30	67.30
December	32.00	12.00	44.00	4.00	24.53	28.53	72.53
Total	**378.00**	**116.00**	**494.00**	**32.00**	**68.00**	**100.00**	**594.00**

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Internal Audit Plan for the year 2025

Mission of the Institute - To revitalize the rubber sector by becoming a center of excellence in providing high- quality scientific technologies to the rubber industry and transferring those technologies to rubber growers through advisory services for economic and environmentally sustainable Development.

Objectives of the Organization - To support the Government of Sri Lanka by providing the necessary technologies for sustainable Development with the aim of making the county's rubber industry competitive internationally.

Action plan for the year 2024						Audit Plan for the year -2025 (as per circular No- DMA/2009(1)							
Ref. (serial No-) -budget/ action plan/procurement plan	Project or Area	Activities under each area identified in the Action plan	Annual allocation (Rs. Mn.)	Expected Activities	Internal Audit Activity to achieve the targets	**Risk Rating (%)	Time frame for internal Audit Operation				The number of man-days available for use	Remark	
							QTR 1	QTR 2	QTR 3	QTR 4		The number of expected reports to be submitted	Nature of Audit
2024-Budget plan-code no-1304	**Recurrent expenditure** Software Maintenance	Identifying purchases for the sustainability of software under recurring costs	400	Auditing influence of the software systems references to the expenditure	Checking did they have applied procurement rules				√		20	01	Financial audit
budget code no-1102	**Recurrent expenditure** Travelling-foreign	Expenditure for the foreign visits	1000	Relevance of the expenditure	Optimization of the task		√				17	01	

budget code no-2105 page -37 & procure ment plan – services **page 43**	**<u>Capital expenditure</u>** Land & Land improvement 1.Monaragala	(3) Services **page 43**	800	Optimization of the expenditure	Relevant procurement plan		1q	2q √	3q	4q	15	01	Financial audit
	2 Polgahawela		400						√		20	01	
	3 North east Research trail		750							√	20	01	
	4 Research & Development		800							√	20	01	
	E.P.F-association-2024/2025 year			unit trust-investment			√				20 days	01	Management Audit
	Dartonfield Estate productivity –last 15 years o Own Latex- Scrap – D/f, Galewata, N' kele o Purchase Latex ,Scrap o Rubber Sale	Auditing of the Dartonfield estate & Rubber factory of the products.					√				25 days	03	Management Audit

	Unidentified lands or other buildings	Arrangement of the relevant documents for the Acquisition		Acquisition of the assets by supplying relevant details			√ 3	√ 3	√ 3	√ - 6	15	1	
	Tyer Center	Performance evaluation						√			30	01	Management Audit
	FEAS Center	Performance evaluation								√	31	1	Management Audit
	Total of forwarding reports												
	Total of man power usage in quarter						64	57	52	62	235		
	Tree uprooting						√	√	√	√	9		Sub audit
	Gratuity release estate & institute						√	√	√	√			Sub audit
	Due working days						64	57	60	63	244		
	Grand total												

RUBBER RESEARCH INSTITUTE OF SRI LANKA

Human Resources Development Plan for the January to April 2025 (Rs. Mn. 3.5)

Officer Category	No. officers available	Proposed number of events for knowledge update	Subject area	Type of Training	Allocated funds (Rs. Mn.)	Tentative time and period
Top management						
Chairman/ Director/ Additional Director/ Deputy Directors	05	06	1. Work shop on annual action plane preparation	Local	0.30	May/August/October (Five days in each)
Research and Technical staff						
Senior/Principal Research officers	12	02-Biology 01-Technology	1. Work shop on research proposal writing	Local	0.30	October (three days)/as and when suitable conference is organized
Research officers (AR1)	16	02-Biology 01-Technology	1. Work shop on research proposal writing	local		October (Two weeks)
Experimental officers /Technical officers	81	04 – On seniority basis	1. Advanced technologies in rubber agronomy/Technology 2. Job duties and best practices for effective work performance 3. Work shop on Advance Excel 4. Workshop on information security	Local	0.60	June (Three months)
Lab Attendants	40	05	1. Good laboratory practices 2. Reduce accidents by using safety equipment	Local	0.30	May
Administrative staff						
HM and MM	07	01	1. Modern administrative and finance practices 2. Better Administration towards more effective public institution	local	0.20	November (1-2 weeks)

			3. Executive Certificate Course on Key Performance Measurement and Performance Management			
Junior manager level	07	01	1. Modern Administrative practices 2. Company Administration and secretarial proficiency 3. Maintenance of government vehicles 4. Capacity Development of Administrative Officers	Local	0.30	July August
Management assistants	80	01	1. Office management practices 2. Work shop on Advance Excel 3. Competency Development of Receptionist & telephone operator 4. Writing office notes and writing duty Letters. 5. Institutional working procedure 6. Role and Responsibilities of Accounts Clerks	Local	0.60	May -July
Supporting staff						
PL grades	138	5	1. In accordance with the assigned duties 2. Ethics and disciplines for drivers and minor staff 3. Guest house food preparation and serving 4. Reduce accidents by using safety equipment 5. Responsibilities of Security Officers	Local	0.90	To be decided