

Rubber Board

*(Responsibility Centre under Department of
Commerce, Ministry of Commerce &
Industry, Government of India)*

Result Framework Document

(April 2012 - March 2013)

Rubber Board

(Responsibility Centre under Department of Commerce)

Result Framework Document for the period April 2012 - March 2013

Section 1

Vision, Mission, Objectives And Functions

Vision

A well developed, sustainable and globally competitive natural rubber (NR) industry, capable of supplying processed rubber of international standards to domestic and world markets that enhances welfare of the entire stakeholder community and contributes substantially to national economic progress.

Mission

To function as the national level body responsible for the overall development of the Indian rubber industry through the following means.

- Advise the Government of India in the formulation and implementation of appropriate policies and programmes for the development of the NR sector and in international cooperation.
- Plan and implement coordinated schemes with research, training and extension components for expanding rubber cultivation especially in the North-East; enhancing productivity through systematic replanting and popularisation of appropriate cultural practices; minimising cost of production; improving processing and marketing; and promoting end uses of NR with special emphasis on optimum and sustainable use of available resources.
- Promote group approach and participatory programmes.
- Promote ancillary activities to maximise net income of growers and support commercial utilisation of ancillary products, especially rubber wood.

- Ensure the welfare of workers engaged in rubber plantations.
- Monitor the development of the domestic rubber industry and serve as its most authoritative source of information.
- Promote the green credentials of NR and equip the sector to gain from the multilateral environment and climate related initiatives, especially Kyoto Protocol.
- Publicise Indian rubber in the world market and promote its export as the Export Promotion council of NR.
- Serve as the interface among different segments of rubber industry stakeholders.

Objectives

The basic mandate of Rubber Board as envisaged in the Rubber Act is promotion of NR industry in India. The main objectives are: -

- i. Extending rubber planted area
- ii. Enhancing productivity of rubber plantations
- iii. Fostering group formation among rubber smallholders and farmer empowerment
- iv. Intensifying research to evolve cost effective and income enhancing agro-management practices in NR sector
- v. Assist rubber and rubber wood processing sectors to enhance efficiency and quality standards and to improve marketing including export
- vi. Providing training on various aspects related to rubber industry and tappers training
- vii. Providing welfare measures to labourers in rubber plantations
- viii. Collection and dissemination of rubber industry related statistics and information
- ix. Collecting cess on NR as provided for under the *Rubber Act*. The current rate of cess is Rs. 2.00 per kg of rubber produced.

Functions

The functions of the Board as defined under the Act are:

1. To promote by such measures as it thinks fit the development of the rubber industry.
2. Without prejudice to the generality of the foregoing provision the measures referred to therein may provide for:
 - a. undertaking, assisting or encouraging scientific, technological or economic research.
 - b. training students in improved methods of planting, cultivation, manuring and spraying.
 - c. the supply of technical advice to rubber growers
 - d. improving the marketing of rubber.
 - e. the collection of statistics from owners of estates, dealers and manufacturers.
 - f. securing better working conditions and the provision and improvement of amenities and incentives to workers.
 - g. carrying out any other duties which may be vested with the Board as per rules made under this Act.
3. It shall also be the duty of the Board:
 - a. to advise the Central Government on all matters relating to the development of the rubber industry, including the import and export of rubber.
 - b. to advise the Central Government with regard to participation in any international conference or scheme relating to rubber.
 - c. to submit to the Central Government and such other authorities as may be perscribed, half yearly reports on its activities and the working of this Act, and
 - d. to prepare and furnish such other reports relating to the rubber industry as may be required by the Central Government from time to time.

Section 2

Inter se Priorities among Key Objectives, Success indicators and Targets

Table 1: Format of the Result- Framework Document (RFD)

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|--|----------|---|---|------|----------|-------------------------|-----------|-------|-------|-------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| i. Rubber planting (New planting & replanting) | 23 | i. Planting in traditional region (Kerala & Tamil Nadu) | Extent of area for which permits issued for granting subsidy | Ha | 10 | 5900 | 5310 | 4720 | 4130 | 3540 |
| | | ii. Planting in non-traditional regions other than North-East | Extent of area for which permits issued for granting subsidy | Ha | 3 | 1750 | 1575 | 1400 | 1225 | 1050 |
| | | iii. Planting in North-East | Extent of area for which permits issued for granting subsidy | Ha | 10 | 4750 | 4275 | 3800 | 3325 | 2850 |
| ii. Enhancing productivity of rubber plantations | 9 | i. Supply of inputs with price concession | Extent of area benefited with inputs supplied with price concession | Ha | 3 | 25700 | 23130 | 20560 | 17990 | 15420 |

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|--|----------|---|---|----------|----------|-------------------------|-----------|------|------|------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | ii. Generation of quality planting materials | Progress in the generation and distribution of planting materials | Lakh No. | 3 | 11.00 | 9.90 | 8.80 | 7.70 | 6.60 |
| | | iii. Rubber agro-management units | Progress in the new area covered by agro-management units | Ha | 3 | 2270 | 2043 | 1816 | 1589 | 1362 |
| iii. Fostering group formation among rubber smallholders and farmer empowerment | 5 | i. Formation & Support to Rubber Producers Societies (RPS) and Self Help Groups (SHG) | RPS&SHG formed / benefited | No | 5 | 1000 | 900 | 800 | 700 | 600 |
| iv. Intensifying research to evolve cost effective and income enhancing agro-management practices in NR sector | 25 | i. Breeding for high yielding clones | Cross pollinations | No | 1.5 | 11000 | 9900 | 8800 | 7700 | 6600 |

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|-----------|----------|--------------------------------|---|------|----------|-------------------------|-----------|-------|-------|-------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | | Production of hybrid seeds | No | 1 | 1500 | 1350 | 1200 | 1050 | 900 |
| | | | Hybrids under evaluation | No | 2 | 3520 | 3168 | 2816 | 2464 | 2112 |
| | | | Germplasm lines under evaluation | No | 1.5 | 5100 | 4590 | 4080 | 3570 | 3060 |
| | | ii. Testing services | Testing of soil, leaf, latex, ethephon and rainguarding materials | No | 2 | 90000 | 81000 | 72000 | 63000 | 54000 |
| | | iii. Laboratory and field work | Ongoing laboratory and field trials | No | 5 | 650 | 585 | 520 | 455 | 392 |
| | | iv. Stakeholder services | Field visits & advisories given | No | 2 | 2500 | 2250 | 2000 | 1750 | 1500 |
| | | | Visits of farmers/students to RRII | No | 1 | 1300 | 1170 | 1040 | 910 | 780 |
| | | | Hits on internet based virtual Rubber Clinic | No | 1 | 6200 | 5580 | 4960 | 4340 | 3720 |
| | | | Supply of nucleus planting materials of new clones to farmers | No | 1 | 11750 | 10575 | 9400 | 8225 | 7050 |

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|---|----------|--|---|------|----------|-------------------------|-----------|------|------|------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | v. Capacity building of scientists | Attendance of Scientists in conferences/seminars, training etc | No | 2 | 200 | 180 | 160 | 140 | 120 |
| | | | Presentation by Scientists in other forums | No | 1.5 | 70 | 63 | 56 | 49 | 42 |
| | | vi. Publication of research findings | Scientific/popular publications | No | 3.5 | 175 | 157 | 140 | 122 | 105 |
| v. Assist rubber and rubber wood processing sectors to enhance efficiency and quality standards and to improve marketing including export | 12 | i. Assistance for units processing technically specified rubber | Units extended assistance for quality upgradation, modernisation and environmental protection | No | 5 | 25 | 22 | 20 | 17 | 15 |
| | | ii. Assistance for units processing rubber wood | Units extended assistance for quality upgradation, value addition and waste management | No | 2 | 6 | 5 | 4 | 3 | 2 |
| | | iii. Strengthening RPS and cooperative sectors in processing and marketing | Units in cooperative and RPS sectors benefited | No | 3 | 56 | 50 | 45 | 39 | 34 |
| | | iv. Participation in international trade | Trade fairs participated | No | 2 | 10 | 9 | 8 | 7 | 6 |

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|---|----------|---|---|------|----------|-------------------------|-----------|--------|--------|-------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | fairs | | | | | | | | |
| vi. Providing training on various aspects related to rubber industry and tappers training | 8 | i. Conducting regular training programmes | Persons attended training programmes | No | 4 | 3500 | 3150 | 2800 | 2450 | 2100 |
| | | ii. Tappers training | Persons attended tappers training | No | 2 | 8000 | 7200 | 6400 | 5600 | 4800 |
| | | iii. Farmer education programmes | Persons attended education programmes at field level | No | 2 | 150000 | 135000 | 120000 | 105000 | 90000 |
| vii. Providing welfare measures to labourers in rubber plantations | 4 | i. Provision of welfare measures covering educational stipend for children, housing subsidy, insurance and medical attendance | Beneficiaries of welfare measures | No | 4 | 25000 | 22500 | 20000 | 17500 | 15000 |
| viii. Collection and dissemination of rubber industry related statistics | 7 | i. Publication of statistics | Publication of Annual Rubber Statistics and other statistical periodicals | No | 4 | 14 | 13 | 11 | 10 | 8 |

| Column 1 | Column 2 | Column 3 | Column 4 | | Column 5 | Column 6 | | | | |
|------------------------------|----------|---|---|----------|----------|-------------------------|-----------|------|------|------|
| Objective | Weight | Actions | Success Indicator | Unit | Weight | Target / Criteria value | | | | |
| | | | | | | Excellent | Very good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| and information | | | | | | | | | | |
| ix. Collection of cess on NR | | ii. Publication of information on rubber cultivation and upkeep | Publication of "Rubber" magazine and other handbooks/ periodicals | No | 3 | 42 | 38 | 34 | 29 | 25 |
| | 7 | i. Collecting cess from all registered consumers of NR | Amount of cess collected | Rs Crore | 7 | 135 | 121 | 108 | 94 | 81 |

Section 3

Trend Values of the Success Indicators

Table 2: Trend values for Success Indicators

| Objective | Actions | Success Indicator | Unit | Actual Value for FY 10/11 | Actual Value for FY 11/12 (provisional) | Target Value for FY 12/13 | Projected Value for FY 13/14 | Projected Value for FY 14/15 |
|--|---|---|----------|---------------------------|---|---------------------------|------------------------------|------------------------------|
| i. Rubber planting (New planting & replanting) | i. Planting in traditional region (Kerala & Tamil Nadu) | Extent of area for which permits issued for granting subsidy | Ha | 5680 | 7335 | 5900 | 8000 | 8000 |
| | ii. Planting in non-traditional regions other than North-East | Extent of area for which permits issued for granting subsidy | Ha | 550 | 3570 | 1750 | 2400 | 2400 |
| | iii. Planting in North-East | Extent of area for which permits issued for granting subsidy | Ha | 4420 | 13031 | 4750 | 7100 | 7100 |
| ii. Enhancing productivity of rubber plantations | i. Supply of inputs with price concession | Extent of area benefited with inputs supplied with price concession | Ha | 25788 | 19947 | 25700 | 57000 | 57000 |
| | ii. Generation of quality planting materials | Progress in the generation and distribution of planting materials | Lakh No. | 9.06 | 14.15 | 11.00 | 12.00 | 18.00 |
| | iii. Rubber agro- | Progress in the new | Ha | 2836 | 3680 | 2270 | 3100 | 3100 |

| Objective | Actions | Success Indicator | Unit | Actual Value for FY 10/11 | Actual Value for FY 11/12 (provisional) | Target Value for FY 12/13 | Projected Value for FY 13/14 | Projected Value for FY 14/15 |
|--|---|---|------|---------------------------|---|---------------------------|------------------------------|------------------------------|
| | management units | area covered by agro-management units | | | | | | |
| iii. Fostering group formation among rubber smallholders and farmer empowerment | i. Formation & Support to Rubber Producers Societies (RPS) and Self Help Groups (SHG) | RPS & SHG formed / benefited | No | 1042 | 422 | 1000 | 1000 | 1000 |
| iv. Intensifying research to evolve cost effective and income enhancing agro-management practices in NR sector | i. Breeding for high yielding clones | Cross pollinations | No | 10899 | 10749 | 11000 | 12000 | 13000 |
| | | Production of hybrid seeds | No | 896 | 1460 | 1500 | 1550 | 1600 |
| | | Hybrids under evaluation | No | 2884 | 3379 | 3520 | 3550 | 3600 |
| | | Germplasm lines under evaluation | No | 4829 | 4832 | 5100 | 5800 | 6800 |
| | ii. Testing services | Testing of soil, leaf, latex, ethephon and rainguarding materials | No | 82889 | 81201 | 90000 | 100000 | 108000 |
| | iii. Laboratory and filed work | Ongoing laboratory and field trials | No | 506 | 650 | 650 | 650 | 650 |
| | iv. Stakeholder services | Field visits & advisories given | No | 1908 | 2218 | 2500 | 2700 | 3000 |
| | | Visits of farmers/ | No | 902 | 1200 | 1300 | 1400 | 1500 |

| Objective | Actions | Success Indicator | Unit | Actual Value for FY 10/11 | Actual Value for FY 11/12 (provisional) | Target Value for FY 12/13 | Projected Value for FY 13/14 | Projected Value for FY 14/15 |
|---|---|---|------|---------------------------|---|---------------------------|------------------------------|------------------------------|
| | | students to RRII | | | | | | |
| | | Hits on internet based virtual Rubber Clinic* | No | 5400 | 5880 | 6200 | 6500 | 7100 |
| | | Supply of nucleus planting materials of new clones to farmers | No | 3745 | 6852 | 11750 | 12000 | 13000 |
| | v. Capacity building of scientists | Attendance of Scientists in conferences/seminars, training etc | No | 166 | 178 | 200 | 225 | 250 |
| | | Presentation by Scientists in other forums | No | 37 | 59 | 70 | 80 | 90 |
| | vi. Publication of research findings | Scientific and popular publications | No | 146 | 166 | 175 | 200 | 250 |
| v. Assist rubber and rubber wood processing sectors to enhance efficiency and quality standards and in marketing including export | i. Assistance for units processing technically specified rubber | Units extended assistance for quality upgradation, modernisation and environmental protection | No | 31 | 26 | 25 | 25 | 25 |

| Objective | Actions | Success Indicator | Unit | Actual Value for FY 10/11 | Actual Value for FY 11/12 (provisional) | Target Value for FY 12/13 | Projected Value for FY 13/14 | Projected Value for FY 14/15 |
|--|--|--|------|---------------------------|---|---------------------------|------------------------------|------------------------------|
| | ii. Assistance for units processing rubber wood | Units extended assistance for quality upgradation, value addition and waste management | No | 7 | 4 | 6 | 6 | 6 |
| | iii. Strengthening RPS and cooperative sectors in processing and marketing | Units in cooperative and RPS sectors benefited | No | 39 | 36 | 56 | 56 | 56 |
| | iv. Participation in international trade fairs | Trade fairs participated | No | 3 | 5 | 10 | 10 | 12 |
| vi. Providing training on various aspects related to rubber industry and tappers skill improvement | i. Conducting regular training programmes | Persons attended training programmes | No | 4930 | 5205 | 3500 | 4000 | 4000 |
| | ii. Tappers skill improvement | No. of tappers benefitted | No | 6244 | 7368 | 8000 | 8500 | 9000 |
| | iii. Farmer education programmes | Persons attended education programmes at field level | No | 187546 | 193680 | 150000 | 150000 | 150000 |
| vii. Providing welfare measures to labourers in rubber plantations | i. Provision of welfare measures covering educational stipend for children, housing subsidy, insurance | Beneficiaries of welfare measures | No | 14854 | 26930 | 25000 | 42300 | 41140 |

| Objective | Actions | Success Indicator | Unit | Actual Value for FY 10/11 | Actual Value for FY 11/12 (provisional) | Target Value for FY 12/13 | Projected Value for FY 13/14 | Projected Value for FY 14/15 |
|--|---|---|-------------|---------------------------|---|---------------------------|------------------------------|------------------------------|
| | and medical attendance | | | | | | | |
| viii. Collection and dissemination of rubber industry related statistics and information | i. Publication of statistics | Publication of Annual Rubber Statistics and other statistical periodicals | No | 14 | 14 | 14 | 14 | 14 |
| | ii. Publication of information on rubber cultivation and upkeep | Publication of "Rubber" magazine and other handbooks/ periodicals | | 24 | 23 | 42 | 50 | 50 |
| ix. Collection of cess on NR | i. Collecting cess on NR from all registered consumers | Amount of cess and interest collected | Rs Crore | 103.69 | 100.80 | 135.00 | 142.00 | 149.00 |

Section 4

Description & Definition of Success Indicators and Proposed Measurement Methodology

All the success indicators are self-explanatory. The relevant data are to be collected from different Departments/Divisions of Rubber Board, which are responsible for implementing the activities.

Section 5

Specific Performance Requirements from other Departments

The achievement of projections would primarily depend on timely release of sufficient funds from the Department of Commerce.
