

**Platinum Jubilee of Coconut Research and Development
in India**

**INTERNATIONAL DIRECTORY
OF
COCONUT WORKERS**



CENTRAL PLANTATION CROPS RESEARCH INSTITUTE

KASARAGOD 671 124, KERALA

INDIA

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Foreword

I am indeed happy to note that the Central Plantation Crops Research Institute, Kasaragod is bringing out an 'International Directory of Coconut Workers' on the occasion of the Platinum Jubilee of Coconut Research and Development in November, 1991. With the rapid development of research on various aspects of coconut in different parts of the world, it becomes necessary to have a first hand information of not only 'Who is Who' in coconut, but more so the contributions made by each worker. A publication of this nature would help the researchers, developmental agencies, policy planners and even the students in the universities to identify the persons involved/associated with their field of specialization. I have noted with full satisfaction that the Directory includes a brief account of the important contributions of each worker in different countries. I am glad that the Publication Committee of ISOCRAD-II has thought it appropriate to bring out the Directory during the Platinum Jubilee Celebrations. I congratulate the Editors for their efforts in compiling this useful Directory of Coconut Workers of the World.

K.L. 

(K.L. CHADHA)

Deputy Director General (Hort.)
Indian Council of Agricultural Research

Date: 2-11-1991
New Delhi

About the Directory

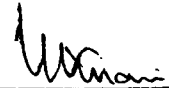
The International Directory of Coconut Workers is one of the important publications being brought out on the occasion of the Platinum Jubilee of Coconut Research and Development in India. The compilation of information on coconut researchers is a long felt ambition of the Institute. Hence an attempt has been made to collect the biodata from over 500 scientific workers on coconut from all over the world, of whom nearly 350 have responded.

The Directory is a comprehensive document about coconut workers from various countries with details pertaining to their field of specialization, academic achievements, membership in scientific societies and major contribution to coconut research and development. General information on their date of birth, present position and number of years of experience and publications on coconut are also included in the Directory. Nationality of the workers are indicated only in cases where they are employed in countries other than the one to which they belong. A novel feature of this Directory is the inclusion of the photographs of the coconut workers for easy identification, except in cases where they could not be obtained. In order to cover as many coconut workers as possible a separate list with specialization is included for those who could not respond.

I appreciate the sincere efforts made by Drs. V. Rajagopal, P.S.P.V. Vidyasagar, B.C. Viraktamath and J.J. Solomon in compiling and editing the valuable information incorporated in the Directory. In this venture they had the help of Dr. R.D. Iyer, Mr. M.K. Muliya, Mr. R.V. Pillai, Principal Scientists and Dr. S. Keshava Bhat, Technical Officer. The technical assistance given by Mr. K.M. George, Mr. K.V. Saji, Mrs. K. Narayani and Mr. K. Venkatesh is commendable. I am glad that M/S. Sharada Press, Mangalore could print the Directory in record time for release during the Platinum Jubilee.

The financial assistance received from the NABARD for this publication is gratefully acknowledged.

31-10-1991
Kasaragod



(M.K. NAIR)

Director

Central Plantation Crops Research Institute

FORMAT

Name with degrees (Date of birth)

Position held*

Present address

Discipline with specialization

Years of experience (in coconut research and/or development)

Awards/assignments/foreign training

Membership in scientific societies, with positions held, if any

Brief account of contributions on coconut

Publications – Number on coconut with total publications in parenthesis in the following order:
R: Research papers P: Popular articles.
B: Books or book chapters O: Others

PHOTO

* For those retired and others who worked on coconut and left the organization, the position last held is given wherever possible

AUSTRALIA

ASHBURNER GEOFFREY R, BAgSc (Hons) (10-05-1966)

Scientist

Institute of Plant Sciences, Swan St. Burnley 3121

Plant Tissue Culture- Germplasm Collection

2 years in research

Developed a system of embryo culture for collection of germplasm; considerable progress achieved in the field of somatic embryogenesis

R 2 P 1

FOALE MICHAEL, A, MAgSc (30-10-1935)

Principal Experimental Scientist

CSIRO, 306 Carmod Road, St.Lucia Q4067

Physiology of Yield in Field Crops

15 years in research and 10 years in development

President of the Australian Institute of Agricultural Science, Queensland Branch (1989-90)

Demonstrated the correlation between size of coconut seed and seedling vigour; demonstrated the superiority of nut size, precocity and adaption of Rennel Tall which led to the production of high yielding Dwarf x Rennel hybrid
R 11(61) P (1) B 2(2) O 3



HANOLD DAGMAR (Ms), Dip Biol, PhD (12-01-1955) [German]

Research Associate

Department of Plant Pathology, Waite Agricultural Research Institute, University of Adelaide, Glen Osmond 5064 South Australia

Virology -Viroid and Virus Diseases of Palms

5 years in research

Molecular characterization and epidemiology of coconut foliar decay virus, Cadang-Cadang Viroid and related viroids in coconut and monocot understorey plants

R 8(17)

RANGLES JOHN W, MAgSc, PhD (25-08-1938)

Reader

Plant Pathology Department, Waite Agricultural Research Institute

University of Adelaide, Glen Osmond 5064 South Australia

Plant Pathology-Virology

17 years in research

FAO consultant (1973-1984); Recipient of Lee Hutchins Award from American Phytopathological Society

Member – Society for General Microbiology, Australian Plant Pathology Society

Contributed to the identification, characterization and epidemiology of coconut Cadang-Cadang viroid and coconut foliar decay virus

R 20(70) P 4





ROOM PETER M, PhD, ARCS, FRES (03-07-1947)

Senior Principal Research Scientist
CSIRO, P.B. No.3 Indooroopilly Q4068
Plant/Insect Ecology
3 years in research

Recipient of UNESCO Science Prize (1985), AIDAB Award for excellence in development assistance (1988), CSIRO Rivett Medal (1986) and Rolex Award Hon. Mention(1990)

Member—Royal Entomological Society, Australian Entomological Society, British Ecological Society and Ecological Society of Australia

Worked on the life table of a coconut pest in Papua New Guinea

R (47) P (16) B (1) O (35)

BRAZIL



BEZERRA JOSE LUIZ, PhD (02-01-1940)

Senior Researcher

P.O. Box 7, Itabuna 45600

Plant Pathology

20 years in research

Recipient of Merit Diploma awarded by the Brazilian Society of Phytopathology(1989)

Member and Editorial Councillor-Brazilian Society of Phytopathology

Described the coconut diseases occurring in Brazil such as *Phytophthora* wilt and *Helminthosporium* leafspot; worked on intergrated control of coconut verrucosis(*Catacauma torrendiella*)

R 7 (144)

FERRAZ LOIZ GONZAGA BIONES, (21-05-1950)

Agronomist

Empresa Ipa, Caiza Postal 1022 Recife Pe

Agronomy-Management and Improvement of Coconut

7 years in Research

Identified three coconut tall varieties in Brazil for use in coconut improvement programme; established a coconut seed garden for the production of hybrids; developed a method for raising coconut seedlings in polybags by the use of sugarcane cake to reduce the quantity of chemical fertilizers applied; studied the nutritional status of the coconut through foliar diagnosis and soil analysis in Pernambuco state

R 2(5) P 3(5) O 3(4)



De FREITAS NARCISO BEZERRA, MS (26-01-1952)

Researcher

Ceplaccp 07 Itabuna Ba 45600

Plant Management

1 year in research

Studied nutritional and breeding aspects of coconut in the state of Bahia

O (1)

De RESSENDE MARIO LUCIO V, MS (09-04-1961)

Researcher

Ceplaccp 07 Itabuna Ba 45600

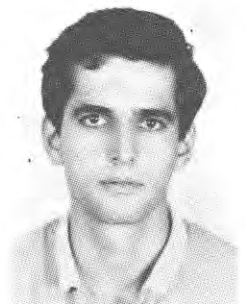
Plant Pathology

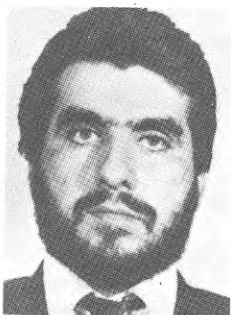
6 years in research

Member-Brazilian Society of Phytopathology

Conducted studies on epidemiology and control of red ring disease, *Phytophthora* wilt and coconut verrucosis(*Catacauma torrendiella*)

R 3(34) P 2(5)





MAURA JOSE INACIOL MS (11-12-1950)

Researcher

Ceplaccp 07 Itabuna Ba 45600

Entomology

4 years in research

Member- Brazilian Entomological Society

Conducted studies on *Rhynchophorus palmarum*, *Lincus lobuliger* and

Amerrhinus ynca

R 4(12) P 1 O 1

FIJI



De TAFFIN GABRIEL, EngAg MSc (25-05-1945) [French]
Technical Advisor IRHO CRS 07 BP 13 Abidijan 07 Ivory Coast
Ministry of Primary Industry Koroniru R Se Pb77 Nausori
Agronomy-Research Planning and Management
14 years in research and development
Managed coconut research centres in Vanuatu and Cote d' Ivoire; planned
and implemented research projects in Benin, Vanuatu, Cote d' Ivoire, and
Ghana; specialised in management of coconut plantations for mineral
nutrition, fertility, crop protection and marketing
R 12(16) P 10 (11)

PRASAD GAYA, MAgSc (19-10-1955)

Head of Tree Crops Research

Koronivia R S Nausori

Agronomy-Intercropping-Plant Competition

1 year in research

Member-FIAS and NZIHS

Working on agronomic and breeding aspects of coconut and intercrops like
cocoa; specialised in weed control

R (6) O (2)



FRANCE



BONNOT FRANCOIS, Ag Eng (17-08-1953)
Biometry Division, IRHO BP 5035, 34032 Montpellier, Cedex 1
Biometry - Computer Science
10 years in research
Formulated experimental designs and developed softwares
R 5 P 5

BRUNIN CHRISTIAN, Ag Eng (16-02-1940)

Director, Oil Palm Division
IRHO, 11 Square Petrarque 75116 Paris
Agronomy and Development
12 years in research and 15 years in development
Conducted land survey, mineral nutrition studies, fertilization, processing
copra and coconut oil; management project and research station
R 15



BUFFARD MOREL JACQUELINE, PhD (19-12-1934)

Researcher
ORSTOM, BP 5045, 34032 Montpellier, Cedex 1
Biotechnology
10 years in research
Member-IAPTC
Achieved plant regeneration through somatic embryogenesis from foliar
explant of adult coconut trees; cloned high yielding individuals of PB-121
MAWA hybrid; one tissue culture plantelet generated from leaf tissues of
adult coconut palm has been transferred to soil
R 4(14) O 2



COCHARD BENDIT, MSc (22-05-19666)

IRHO, 11 Square, Petrarrque, 75116, Paris France
Plant Breeder
2 Years in research
Associated with the breeding programmes and evaluation of genotypes.



DANIEL CLAUDE, Ag Eng (13-05-1932)

Charge De Researchers, Agronomy Division
IRHO BP 5035, 34032 Montpellier, Cedex 1
Agronomy

6 years in research and 3 years in development

Worked on mineral nutrition, irrigation, agronomic and physiologic aspects of drought resistance

R 7(18) P (1)

de NUCE de LAMOTHE MICHEL, Ag Eng (31-10-1936)

Director

IRHO 11 Square Petrarque, 75116, Paris

Breeding and Research Management

26 years in research and development

Played a major role in drawing up and implementing the coconut breeding programme of IRHO in Ivory Coast, Vanuatu and other countries; initiated the development of large scale hybrid seed nut production technique, F2-type crossing programmes through exploitation of *in vitro* culture

R 41(42) B 1



DOLLET MICHEL, PhD (21-10-1949)

Division of Virology, LPRC CIRAD

IRHO BP 5035, 34032 Montpellier, Cedex 1

Crop Protection-Virology

16 years in research

Chairman of the International Council on Lethal Yellowing (1979-1981)

Member in five scientific societies

Pioneer in identifying MLOs associated with Kaincope and Kribi diseases;

identified Trypanosomes associated with coconut wilt in Ecuador; first to

culture Trypanosome *in vitro*

R 10(80) P 2

DUVAL YVES, PhD (28-04-1951)

Researcher,

ORSTOM BP 5045, 34032 Montpellier, Cedex 1

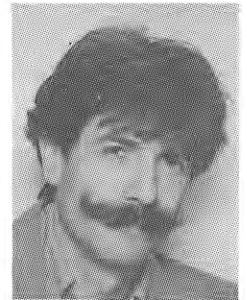
In vitro culture

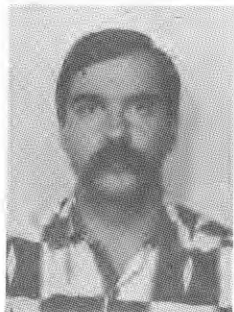
10 years in research

Member - IAPTC

Studied the coconut regeneration from zygotic embryos

R (6)





ENGELMANN FLORENT, PhD (01-08-1957)

Researcher

ORSTOM BP 5045, 34032 Montpellier, Cedex 1

Tissue Culture-Cryopreservation

2 years in research

Recipient of an Award (1991) from the International Institute of Refrigeration for Cryopreservation of oil palm somatic embryos

Member- IAPTC

Developed cryopreservation and slow growth storage techniques for coconut

R 1(35)

FLORI ALBERT, BSc (03-04-1963)

Biometry Division, IRHO B P 5035, 34032, Montpellier, cedex 1

Biometry, Computer Science

3 years in research

Development of Software

R (1)



GRAILLE JEAN, PhD (01-02-1942)

Director, Division for Fats and Oils Chemistry

IRHO/ CIRAD, BP 5035, 34032 Montpellier, Cedex 1

12 years in research

President- French Association for Fats Research

Developed the food and non food use of coconut oil and its co-products, by-products and wastes; worked on chemistry and biotechnology processes

R 11(120) P (20) B (4)

LE GUEN VINCENT, MSc (28-01-1960)

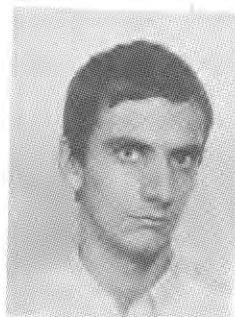
IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex 1

Breeding and Genetic Improvement

1 year in research

Working on coconut breeding using recurrent reciprocal selection scheme to improve yield and disease resistance

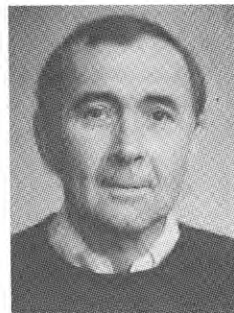
R 1(5)



LOZANO PAUL, Chem Res Eng (02-07-1953)
IRHO/CIRAD BP 5035, 34032 Montpellier, Cedex 1
Oleochemistry
8 years in research
Investigations conducted on oleochemistry technology, energy aspects
of coconut
R 11

MARIAU DOMINIQUE, MSc (05-07-1936)

Director,
Entomology Division IRHO/CIRAD BP 5035, 34032 Montpellier, Cedex 1
Entomology
26 years in research and development
Studied the pest problems of coconut in West Africa, South America and Far
East
R 24(44) P 8(15) B 1(2)



MEUNIER JACQUES, Ag Eng (22-03-1944)

Director,
Plant Breeding IRHO/CIRAD BP 5035, 34032 Montpellier, Cedex
Plant Breeding-Qualitative Genetics
23 years in research
Representative of Europe-International Society of Oil Palm Breeders
Specialized in genetic resources (IBPGR, Indonesia); involved in the
theoretical and applied aspects of coconut improvement programme
R 8(37) P (4) O 11(22)

MONTET DIDIER, PhD (22-04-1959)

Research Engineer
IRHO/CIRAD BP 5035, 34032 Montpellier, Cedex 1
Chemistry-Biotechnology
9 years in research
Worked on synthesis of surfactants using coconut fatty acids by enzymes
R 10(30) O 5



NOEL JEAN- MARC, MTech, (28-02-1948)

Director

Technology Division, IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex-1
Primary processing

5 years in research and 12 years in development

Worked on the processing of coconut products and involved in the post harvest technological studies

NOIRET JEAN-MARIE, Ag Eng (16-03-1937)

Director of Research

IRHO, 11 Square Petrarque, 75116, Paris

Breeding and Research Management

5 years in research

Member-International Society for Oil Palm Breeders

Responsible for implementation of coconut research programmes in genetic improvement, *in vitro* culture, physiology, agronomy, crop protection and technology

R (20)



N'GUYEN HUGO, Ph.D

IRHO, 11 Square, Petrarque, 75116, Paris

Pedology, Remote sensing aerial photometry

5 years in research and 11 years in development

Involved in the studies on coconut soils of West Africa

R 2(2)

OCHS ROBERT, Ag Eng (21-11-1928)

Director,

Agronomy Division, IRHO/CIRAD BP 5035, 34032 Montpellier, Cedex 1

Agronomy

23 years research and development

Member- Societe des Ingenieurs et Scientifiques Francais

Involved in the management, organization and coordination of research programmes in the field of bioclimatology, agro-physiology, water and mineral nutrition and general agronomy

R 20(60)





OLIVIN JEAN, Ag Eng (04-07-1933)

Agronomy Division
IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex 1
Agronomy, Soil Science
5 years each in research and development
Worked on the mineral nutrition and fertilization aspects.
R 4(25) B (1)

OLLAGNIER MICHEL, Ag Eng (09-09-1922)

(Retd. Research & Development Director
IRHO BP 5035, 34032 Montpellier, Cedex 1
27 AV De Brimont 78400 Chatou
Agronomy-Breeding-Technology-Biometry
10 years in research and development
Member in Programme Advisory Committee of the Palm Oil Research Institute
of Malaysia
Involved in the assessment of research projects on coconut in the disciplines
of genetics, agronomy, physiology, biochemistry, statistics, entomology;
provided scientific back up to many development projects
R 10 (65)

OUVRIER MAURICE, Agr. Eng., MSc (09-07-1937)

IRHO, 11 Square, Petrarque, 75116, Paris, France
Agronomy
15 years in research and 5 years in development
Worked on nutritional aspects particularly chloride and potassium; studied
the development of coconut root system under Ivory Coast conditions,
impact of copra content on growers income
R 17

PANNETIER CATHERINE, PhD (27-03-1950)

INRA Biology Lab., RTE De ST CYR 78000 Versailles, France
Genetics-Botany-Biochemistry
12 years in research
In vitro culture
Involved in the production of somatic embryo from coconut leaf tissues,
optimization of *in vitro* coconut pollen germination condition to develop
viability test.
R 4(8), O 2

PINA MICHEL, PhD (06-08-1946)

Researcher

IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex 1

Chemistry – biotechnology

10 years in research

Studied the enzymatic synthesis of surfactants using coconut fatty acids

R 10 (50)

PIOCH DANIEL, PhD (03-07-1954)

Senior Researcher

DCCG, IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex 1

Chemistry-Oleochemistry

10 years in research and development

Post-doctoral fellow at North Western University Evanston 11 USA

Member-French Association for Fat Studies

Worked on new process for oil extraction and refining, extraction/purification of valuable oil components, synthesis of surface active agents from coconut fatty acids, diesel coconut esters and hydrocarbon fuels derived from coconut by catalytic cracking

R 9(13) O 6 (17)

POMIER MAURICE, Ag Eng (22-07-1933)

Agroomomist

Rur Ale BP 100, – Papeste French Polynesia

Agronomy

20 years in research and 15 years in development

Conducted research on the fertility & maintenance of sandy soil planted with coconut; studied nitrogen deficiency symptoms in coconut

R 19

RENARD JEAN-LUC, Ag Eng (15-04-1940)

Head, Plant Pathology Division

IRHO/CIRAD, BP 5035, 34032 Montpellier, Cedex 1

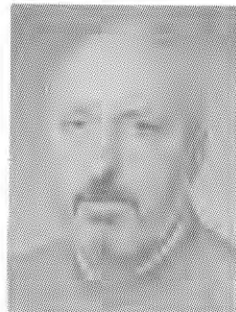
Plant Pathology

21 years in research and development

Vice-President-Societe Francaise de Phytopathologie

Worked on biology and epidemiology of fungal diseases of coconut bud rot and nut fall in Ivory Coast, Indonesia and Philippines, foliar diseases in Brazil; investigated control aspects including breeding resistance; also working on non-fungal diseases such as dry bud rot, lethal yellowing

R 17 (53) B 3 O 21(48)



RIVAL ALAIN, PhD (12-11-1960)

Researcher

IRHO-ORSTOM /BP 5045, 34032 Montpellier, Cedex 1

2 years research

in vitro culture studies on coconut regeneration through somatic embryogenesis



ROGNON FRANCOIS V, Ag Eng , MSc (21-09-1942)

Director

Coconut Division, IRHO, 11 Square Petrarque 75116, Paris

Agronomy – Breeding

12 years in research and 9 years in development

Associated in breeding and hybrid seed production; seed beds and nurseries, large scale estates and small-holder plots developed

R 27(28) B 2

SEGUR CENDRINE, Ag Eng (20-08-1962)

CIRAD/IRHO/LPRC, BP 5035 34032 Montpellier, Cedex 1

Trypanosomatids of plants

2 years in research

Studied two Trypanosomatid diseases *Marchitez sopressiva* of palms and heart rot of coconut; working on *in vitro*, culturing, characterization, of trypanosomes and laboratory rearing of the insect vectors

O 2

VERDEIL JEAN-LUC, MSc(07-09-1960)

Researcher

IRHO/CIRAD, BP 5045, 34032 Montpellier, Cedex 1

Biotechnology

5 years in research

Working on vegetative multiplication of coconut tree through somatic embryo genesis, plantlet regeneration obtained from two clones from inflorescences explants; conducting histochemical studies and quantitative analysis of exogenous and endogenous hormones

R 3 (6) O 1(3)





WUIDART WILLY, Ag Eng (20-10-1943)

Director

Comm Prom and Projects, IRHO, 11 Square Petrarque 75116, Paris
Agronomy- Breeding

5 years in research and 3 years in development

Involved in breeding and hybrid seed production ; seed beds, nurseries,
demonstration plots, large scale estates and small holders plots
developed; conducted feasibility and agronomic studies

R 16(26) B 1

FRENCH GUYANA



JULIA JEAN FRANCOIS, AgEng, MSc (01-16-1943)[French]

IRHO/CIRAD, BP 701, 97387 Kourou

Entomology

16 years in research and 5 years in development

Worked on *Myndus* Sp., vector of foliar decay of coconut; identified two species of *Sogatella*, vectors of dry bud rot of young coconuts in Ivory Coast; undertaken phytosanitary surveillance of young coconut groves in West Africa.

R 22

HUNGARY



OLUSOJI OWOLABI, PhD (04-02-1957) [Nigerian]

Marketing Engineer

1112 Budapest, Cseresznye, UT24

Polymer Engineer-Reinforced Systems

8 years in research and development

Post doctoral research in Rheology of reinforced polymer systems

Reviewed the Nigerian coconut industry; developed coconut fibre reinforced polyster and phenol aldehyde thermosetting resins, polypropylene and polyvinylchloride thermoplastics; developed low cost building panels using cheap coconut fibre as filler/reinforcement in concrete

R 4(10) P 9(10)

INDIA

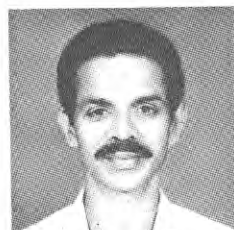


ABDUL KALAM M, MSc (14-05-1940)

Senior Director
Central State Farm, Aralam, Kannur, Kerala
Agronomy
16 years in development
Deputed to Mozambique for a period of 2 years as an expert in cashew
Life member - ISPC
Involved in the large scale production of seeds and planting materials of coconut; prepared cropping programmes, planned irrigation schemes, land development programmes and other crop based agricultural activities
R 10 P 2 O

ABRAHAM JOSE, MA, MSc (18-03-1941)

Senior Scientist
NRC for Spices, Marikunnu P.O. Kozhikode 673 012 Kerala
Agricultural Statistics - Sample Surveys
5 years in research
Life member - ISPC
Associated in the survey conducted on root (wilt) disease of coconut for estimating the spread and crop loss; studied the rate of decline in yield of coconut due to the impact of root (wilt) disease
R 4(12) O (1)



ABRAHAM VA, MSc (Ag), PhD (29-05-1940)

Senior Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Entomology - Pest Control
23 years in research
NRDC Award for the invention of insecticide granule applicator
Life member - ISPC
Worked out bio-ecology and management schedules for the control of coconut white grub; collaborated in developing an integrated pest management schedule for controlling red palm weevil, *Conthyla rotunda* and *Paradasynus rostratus*
R 21 (31) P 18 (23)

ANANDA KS, MSc, PhD (13-04-1956)

Scientist
CPCRI (RS), Vittal 574 243 Karnataka
Plant Breeding
5 years in research
Life member - ISPC
Management of coconut seed garden; associated in the production of partntal materials of released hybrids



ANIL KUMAR G, MSc, PhD (02-12-1957)

Scientist, (CPCRI, Kasaragod 671 124 Kerala)
NRCAF, Pahuz Dam, Gwalior Road, Jhansi 284 003 U P
Plant Pathology

4 years in research

Member -ISPC, IPS

Studied the etiology and chemical control measures of stem bleeding disease of coconut; isolated *Thielaviopsis paradoxa* from the soil
R 3(7)

ANTONY KJ, MSc (30-08-1931)

Scientist

CPCRI (RC), Kannara 680 652 Thrissur, Kerala
Plant Pathology

12 years in research and 4 years in development

Member – ISPC

Operational research for integrated land use management (1976 to '80); currently engaged in the operational research projects for the containment of root (wilt) disease of coconut and prevention of spread of the disease in mildly affected areas

R 4(6)



ARUMUGHAN C, MSc, PhD (10-09-1947)

Scientist,

RRL, Thiruvananthapuram 695 019 Kerala

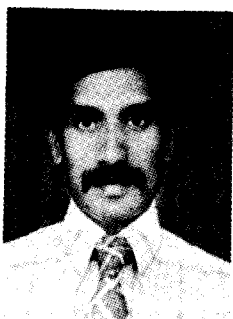
Food Technology and Biochemistry

9 years in research and development

Gardener's Award for best publication in Journal of Food Science and Technology in 1986

Developed a method for processing coconut cream; designed and fabricated all equipments required for processing; conducted biotransformation studies of the constituents in the developing coconut fruits and also the germinating coconuts

R 10(3)



AZEEMODDIN G, MSc (25-12-1938)

Director I/C

JNTU: Oil Technological Research Laboratory, Anantapur 515 001 A P
Chemistry - Oil Technology

29 years in research

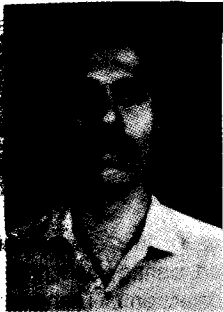
Recipient of Merit Awards from Invention Promotions Board (1968) and Indian Paint Association; recipient of Prag Narain Memorial Award (1977), RBGV Swaika Memorial Award (1981&1986) and Best Scientist Award & Gold Medal (1987) from National Environmental Science Academy

Life member - Oil Technologists' Association of India and Member in several scientific panels

Conducted storage studies on coconut

R 10(200) P (100)





BALAKRISHNAN PC, MSc(Ag) (12-06-1952)

Associate Professor
RARS (KAU), Pilicode 671 353, Kerala
Plant Breeding - Coconut Breeding
8 years in research
Member - ISGPB

Involved in varietal evaluation of coconut and contributed for the release of the coconut hybrid "Laksha Ganga", "Kera Ganga" and Ananda Ganga"; conducted multilocation trials with promising hybrids and catalogued 51 coconut cultivars

R 1(12) P 3(5) B 1 01

LANGALI BABOO, M Tech (Ag Eng) (01-01-1951)

(Scientist, CPCRI, Kasaragod 671 124)

Project Co-ordinator (Jaggery and Khandasari), Indian Institute of Sugarcane Research, Lucknow 226 002 UP

Agricultural Engineering -Post-Harvest Technology

5 years in research

Life member and Executive councillor- ISPC; Life member - ISAE; Member - Sugar Industry, and sectional committee, Bureau of Indian Standards

Developed coconut bunch support and first model of a dehusker for coconut

R 4(30) P 1 0 2(9)



BAVAPPA KVA, MSc (Ag), PhD (12-01-1930)

(Retd. Director, CPCRI, Kasaragod 671 124 Kerala)

Karooth Villa, VO Eravakka Kumarnellur 679 552 Kerala

Cytogenetics and Plant Breeding-Crop Production and Perennial Crop-based Farming Systems

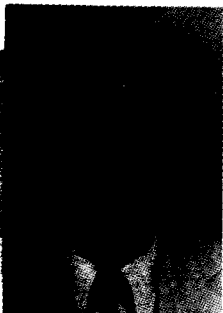
20 years in research and research management

Coconut Agronomist, UNDP/FAO. Project, Vietnam; Chief Technical Advisor- FAO Project VIE/85/005 Vietnam; Spices Agronomist- UNDP/FAO Project SRL/79/010 Sri Lanka; Consultant-FAO/World Bank Project on coconut improvement in Maldives

Life member, Founder President (1971) and Elected President (1983-84)- ISPC.; Member - SABRAO; Fellow- ISGPB

Varietal evaluation of coconut and associated in the release of LO x COD and COD x WCT; initiated coconut-based farming system research with annuals, semi-perennials and perennials, animal integrated systems; introduced high density cropping models; guided research on disease management; monitored operational research and training programmes

R 25(130) P 19(33) B 1(2) O 2(1)





BHASKARAN R, MSc (Ag), PhD (20-09-1947)

Professor of Plant Pathology

CRS, Veppankulam 614 906 T N

Plant Pathology - Coconut Pathology

13 years in research

Gold Medal for first rank in BSc (Ag) and five Gold Medals for PhD

Life member – ISPC

Studied the etiology and epidemiology of Thanjavur wilt disease of coconut and associated in development of integrated management practices for its control; developed a method for early detection of Thanjavur wilt disease

R 32 (105) P 19(25) O 2(3)

BHASKARA RAO EVV, MSc, PhD (20-07-1948)

(Senior scientist, CPCRI, Kasaragod 671 124 Kerala)

Project Co-ordinator cashew, NRC for Cashew, Puttur 574 202 Karnataka

Plant Breeding-Genetic Resources

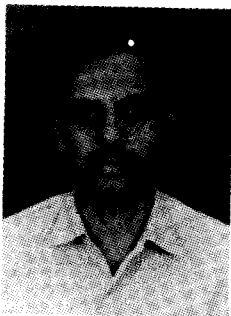
10 years in research

FAO/IBPGR Fellowship for Plant Genetic Resources training in UK and Ivory Coast

Member and Executive Councillor – ISPC Assistant Editor–JPC

Planned and organized coconut germplasm collection from South Pacific Islands (IBPGR/FAO-1982); compiled available information on coconut cultivars/hybrids and presented the data for the release of varieties in 1985

R 18(51) P 1 B 1(4)



BHAT KK, MSc (28-05-1949)

Scientist–C

C and CF Division, CFTRI, Mysore 570 013 Karnataka

Confectionary and Convenience Foods–Traditional Foods

2 years in development

Member–AFST

Standardized the use of partially defatted desiccated coconut in traditional snack foods; carried out studies on wet processing of coconut for the recovery of oil and partially defatted desiccated coconut

R 6 O 1(4)

BOPAIAH BM, MSc(Ag), PhD (11-05-1951)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Microbiology - Soil Microbiology

8 years in research

Life member and Executive Councillor (1985-86) - ISPC; Life member

Association of Microbiologists of India

Studied changes in total microbial counts, N₂ fixers, P-solubilizers, soil microbial biomass, soil enzyme activity in coconut based cropping system; physiological and biochemical activities of phosphate solubilizing microorganisms in coconut investigated

R 6(40) P 1(6)





BOPAI AH MG, MSc(Ag), PhD (08-05-1940)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Soil Science - Micronutrients

6 years in research

Member - ISSS, ISPC

Studied the transformation pattern of slow release fertilizers, nutrient balance in HDMSCS, distribution pattern of major and micronutrients in relation to heavy metal treatment in Lakshadweep, a manurial schedule for coconut was evolved and feasibility of growing intercrops was studied; reported the new cultivar 'Laccadive Little' from Minicoy Island

R 10(40) P 6(1T)

BOSCO SJD, ME (07-05-1950)

Scientist

CPCRI, Kasaragod 671 124 Kerala

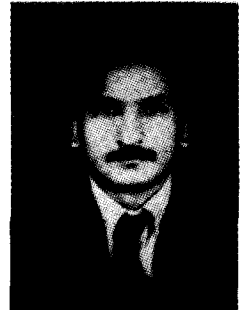
Engineering - Agricultural Process Engineering

4 years in research

Member and Treasurer (1989-90)- ISPC

Developed a low cost copra dryer of 3000-4000 coconut/batch capacity; studied the best methods of storing copra and coconut oil

R 1



CECIL S ROBERT, MSc, PhD (18-11-1955)

Senior Scientist, (CPCRI, Kasaragod 671 124 Kerala)

CPCRI (RS), Pacha P.o Palode 695 562 Kerala

Soil Science - Mineral Nutrition

33 years in research

Life member - ISPC

Worked on the soil and nutritional aspects of coconut root (wilt) disease, role of magnesium in disease management, involvement of boron in crown choke disease, nutrient dynamics in coconut in the coral soils of Lakshadweep Islands

R 18 P 18

CHANDRIKA MOHAN (Ms), MSc, MPhil (25-05-1961)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Agricultural Entomology - Pest Control

2 years in research

Received Fr. Gabriel Memorial Gold Medal for I rank in MSc (1983)

Member - ISPC

Studies on white grub and scale insect pests of coconut

P 1





CHEMPAKAM B (Ms), MSc, PhD (12-2-1952)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Biochemistry - Quality Analysis

Life member - ISPC

Characterized the vascular sap from root (wilt) affected coconut palms; biochemical analysis of root exudates from component crops in coconut based cropping system conducted; studied effective methods of storage of copra and coconut oil to enhance the shelf life

R 4(9) P (2)

DANGAR TK, MSc, PhD (30-10-1955)

Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

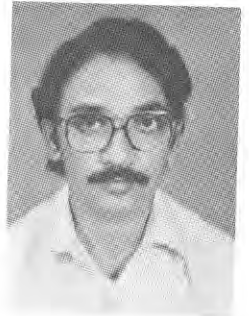
Microbiology - Biological Control

5 years in research

Life member - Society of Biological Chemists, India, AMI Member - ISPC, ISBA

Standardized mass production of *Metarhizium anisopliae* in coconut water wasted from copra making industry; associated in the effective suppression of rhinoceros beetle by introduction of baculovirus in Androth Island, Lakshadweep

R 1(4)



DAS PK, MSc (Ag), PhD (02-07-1938)

Principal Scientist & Head

Social Sciences Division, CPCRI Kasaragod 671 124 Kerala

Agricultural Economics-Resource Economics and Marketing

12 years in research

Life member and Executive councillor (1986-1990) - ISPC, Member of editorial board (1988-92) -JPC

Gold medalist for best Doctoral work at IARI (1972); USAID participant; ILO consultant on planning for Regional Rural Development in Republic of Laos; Member -Task Force of Kerala State on coconut re-planting and rejuvenation programme; participant in COCOTECH meeting at Manila (1990)

Worked on cost benefit analysis of coconut production technologies, economics of coconut based farming systems; estimated growth rates in production, marketing channels and related price spread in coconut production, seasonal indices of market arrival and prices, price trends and relationship between prices of coconut oil and other oils; assessed labour and capital requirements for coconut farming and socio-economic surveys

R 35(87) P 6(24) B (2) O 12(41)





DHAMODARAN S, MSc (02-08-1955)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Plant Breeding

6 years in research

Participated in FAO (IBPGR) training course on Coconut Genetic Resources held in the Philippines (26 Nov-12 Dec. 1990)

Member and Treasurer (1991-92) - ISPC

Evaluation of hybrid combinations for exploitation of hybrid vigour, identification of a suitable cultivar for tender-nut purpose and supply of parental materials and Breeders stock of coconut

O 2

D'SOUZA LEO, MSc, PhD (01-03-1932)

Director

Lab of Applied Biology, St. Aloysius College, Mangalore 575 003 Karnataka

Genetics - Tissue Culture

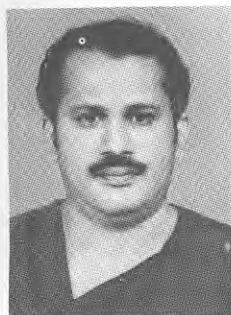
15 years in research

Member - IAPTC, PTCAL, International Association of Plant Morphology, IBS;

Fellow - Academy of Environmental Biology.

Contributed to the knowledge on embryo culture, tissue culture and pollen culture of coconut

R 2(16)



GEORGE MATHEW, MSc, PhD (31-01-1949)

Senior Scientist (CPCRI (RS), Kayangulam 690 533 Kerala)

CTCRI, Thiruvananthapuram 695 017 Kerala

Microbiology - Bacteriology

16 years in research

Life member - ISPC, ISRC

Brought out the association of *Enterobacter cloacae* with root (wilt) disease of coconut and its ability to produce toxin; studied the effect of crop mixing on the rhizosphere of coconut, soil enzymatic activity and the population of beneficial microorganisms

R 7 P 9 B 2 O 1

GEORGE MV, MSc (30-11-1937)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

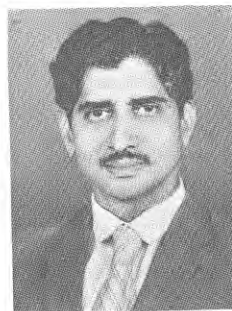
Agricultural Statistics - Sample Survey

28 years in research

Life member, Treasurer (1979-1980), Secretary (1983-1984) and Vice-President (1985-1986) - ISPC

Conducted comprehensive surveys on root (wilt) disease of coconut in Kerala, crown choke disease of coconut in Assam, stem bleeding disease of coconut and estimated the crop losses due to these diseases; evolved methods for indexing the severity of coconut root (wilt) disease and estimating populations of *Stephanitis typica* and *Opisina arenosella*; worked out optimum plot size for TxD palms

R 16 (37) P 1 O 3



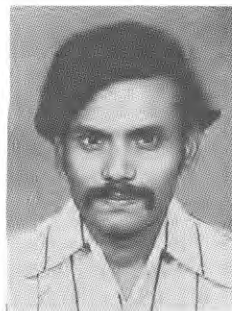


GULATI S, BTech (04-06-1959)

Scientist (CPCRI, Kasaragod 671 124 Kerala)
CPRI (RS), Model Town P.O. Jalandhar 144 003 Punjab
Farm-Mechine and Power
3 years in research
Member- ISPC, ISAE
Worked on copra dryers
R 1 P 1 O 1

GUNASEKHARAN M, MSc (06-03-1952)

Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Plant Pathology
7 years in research
Member-IPS
Associated with developing effecive control measures for Thanjavur wilt disease of coconut; evolved technique to maintain salivary glands of lace bug for long under aseptic conditions
R 4 P 3

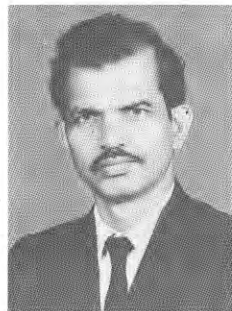



HEGDE MR, MSc (Ag), PhD (16-01-1954)

Senior Scientist
CPCRI, Kasaragod 671 124 Kerala
Agronomy
3 years in research
Recipient of Gold Medal for PhD
Life member and Secretary (1989-90) -ISPC
Engaged in research on inter and mixed cropping of vegetables in coconut gardens and coconut based mixed farming systems
R 4 (14) P 2(6) B (1)

HENRY LOUIS I, MSc (Ag), PhD (30-10-1933)

Director
Centre for Innovation and Technology Transfer
Ramanputhur, Nagarcoil 629 002 T N
Genetics and Plant Breeding-Palm Breeding
28 years in research and 4 years in development
Member and Fellow-ISGPB; Member-Indian Academy of Sciences
Associated in the development of coconut hybrids VHC-1 and VHC-2 in Tamil Nadu; developed selection index in coconut and grouped exotic and indigenious cultivars based on genetic distance
Attended the International Congress of Genetics, Toronto, Canada and International Symposium on Biosystematics, Tokyo Japan, Technical Advisor to Tamil Nadu Coconut Growers Association
R 64 P 20 B 4





GHOSE M, MSc, PhD (14-07-1947)

Senior Lecturer

Agricultural Science Unit, Indian Science Institute, Calcutta 700 035 W B
Agricultural Botany - Anatomy, Morphology and Development

18 years in research and 4 years in development

Founder member - Palm Society of India; Life member - International
Society of Plant Morphologists; Member IBS, ISCA

Studied the anatomy of the palm seedings; engaged in the improvement
of coconut production

R 8(20).

GIRISH KALAS, BTech (05-10-1946)

Scientist

PEPD, CFTRI, Mysore 570 013 Karnataka


Process Engineering and Product Development - Food Engineering

3 years in development

Member - AFST

Worked on the development of a process for wet processing of coconut in
order to extract oil partly and produce a low fat desiccated coconut powder
for use in confectionary and bakery industry

R (1) O 1



GOPALASUNDARAM P, MSc (Ag) (23-01-1953)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Agronomy - Water Management - Cropping Systems

14 years in research

Winner of 19 prizes/awards from TNAU, for academic performance

Life member and Secretary (1979-1980) - ISPC

Associated with working out irrigation schedule for tall coconut palms;

studied the response of high yielding coconut genotypes to fertilizer
application; working on coconut-based cropping system

R 8(9) P 1 B 3 O 7

GOVINDANKUTTY MP, MSc, PhD (27-12-1945)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

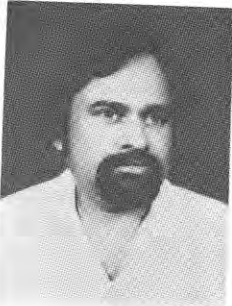
Economic Botany - Histopathology - Tissue Culture

16 years in research

Member - ISPC, IPS, IAPTC

Studied histopathology of coconut affected by root (wilt) disease; developed
fluorescence and histochemical means for diagnosing MLO infection in the
host and vector organs; identified 20 elite palms in hot spot areas; maintained
organ cultures of MLO infected plants *in vitro*

R 14(18) P 3(5) B 1





INDIRA P (Ms), MSc , PhD (10-04-1939)

(Scientist, CPCRI (RS), Kayangulam 690 533, Kerala)
Senior Scientist, CTCRI , Thiruvananthapuram 695 017 Kerala
Plant Physiology

4 years in research

Recipient of Prof. JJ Chinoy Medal (1975) instituted by ISPP

Life member- ISPP; Member- SPPB, News and Views of Plant Physiology, ISRC

Worked on the physiological and histochemical changes in root (wilt) diseased coconut palms

R 2(52) P (5)

IYER RD, MSc, PhD (25-05-1935)

Principal Scientist and Head,

Crop Improvement Division, CPCRI, Kasaragod 671 124 Kerala

Cytogenetics and Plant Breeding – Plant Tissue Culture

15 years in research

Recipient of Jawaharlal Nehru Award (ICAR) for outstanding PhD Work in Plant Breeding and Genetics in 1978; CFTC Advisor, Plant Tissue Culture to the Government of Mauritius during 1987-89; Management team member of Indo-USAID Project on Tissue Culture (1991)

Life member - ISGPB; Vice President (1991-92) - ISPC; Founder member - PTCAI; Member-IAPTC

Initiated survey and identification of elite super coconut palms both in healthy and root (wilt) affected areas; established the tissue culture laboratory in the Institute and initiated studies on clonal propagation of coconut; studied the genetics of Chowghat Orange Dwarf in relation to recovery of DxT hybrids; monitoring the resistance breeding programme on root (wilt) disease in hot spot areas

R 16(62) P 1(2) B (3) O 8



IYER ROHINI (Ms), MSc (Ag), PhD (24-05-1944)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

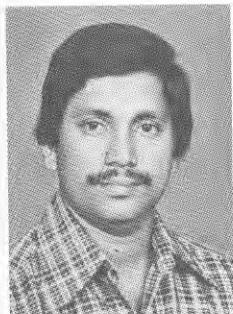
Plant Pathology

9 years in research

Life member - ISPC, IPS

Enumerated rhizosphere fungal and bacterial flora in coconut mixed cropping system; studied the status of Vesicular-Arbuscular Mycorrhizae in the high density multispecies cropping and agroforestry systems; isolated the fungi antagonistic to *Thielaviopsis paradoxa* and studied its *in vitro* interaction

R 4(20) P 3(5) O (4)



JACOB PM, MSc (13-08-1950)

Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Economic Botany - Plant Breeding

12 years in research.

Member - ISPC

Surveyed the Lakshadweep Islands for identification of endangered Laccadive Micro palms and their conservation; characterized different coconut cultivars available in Lakshadweep; associated in screening coconut cultivars for their reaction against root (wilt) disease in hot spots; initiated systematic breeding programme for evolving resistance/tolerance to root (wilt) disease

R 4

JACOB TK, MSc (07-10-1956)

Scientist

CARI, Port Blair 744 101 Andamans

Agricultural Entomology

5 years in research and 2 years in development

Member - ESI, ISBA, AnSA

Involved in the biological control of rhinoceros beetle in Andamans by the introduction and establishment of baculovirus

R 1(4)



JAYASANKAR NP, MSc, PhD (08-04-1937)

(Ex-Joint Director, CPCRI (RS), Kayangulam 690 533 Kerala)

Kelathu House, Vazhutha Cand, Thiruvananthapuram

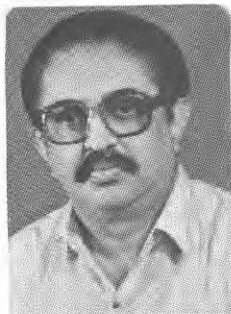
Microbiology - Taxonomy - Physiology

27 years in research

Life member-ISPC

Studied the microbiological aspects of retting of coconut husk; evolved colorimetric methods of estimation of compounds for enumeration of pectinolytic microorganisms and for the elimination of tannins from coconut leaves; developed a method for deodorization and preservation of coconut toddy; studied the microflora in the root zone of coconut in relation to coconut root (wilt) disease

R 19(43) P 10



JOSEPH KV, MSc, PhD (22-10-1938)

Senior Scientist, (CPCRI (RS), Kayangulam 690 533 Kerala)

CPCRI (RC), Pacha P.O. Palode 695 562 Kerala

Biochemistry - Coconut Diseases

18 years in research

Life member - ISPC

Worked on phenol metabolism in roots in relation to coconut root (wilt) disease; studied the isozyme pattern of polyphenol oxidase in roots of coconut palms; developed a method to determine the pyrogallol in micro-quantities in a biological system

R 8





JOSEPH THOMAS, MSc(Ag) (22-07-1933)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Pathology - Disease symptoms and Extension

31 years in research

Member - ISPC

Worked on root (wilt), bud-rot and leaf rot diseases and their; symptomatology transmission and control aspects; associated with lab-to-land and extension programmes

R 29 P 8 O 2

JOSHI OP, MSc(Ag), PhD (06-07-1946)

Senior Scientist (CPCRI, Kasaragod 671 124 Kerala)

Experimental Farm, CIHNP, Rehamankhera, Lucknow U P

Soil Science - Soil Fertility

5 years in research

Member and Secretary, Lucknow chapter (1991-92) - ISSS

Studied the chemical and soil-water characteristics of coconut growing soils;

brought out N inhibition/immobilization characters of coir dust; worked on

micronutrient status of coconut soils, nutrient dynamics in coconut based

cropping system; studied fertilizer response to coconut and efficiency of

nutrient uptake by WCT and hybrids.

R 5(16) P 1



KAILASAM C, MSc (Ag) (03-01-1948)

Senior Scientist (CPCRI, Kasaragod 671 124 Kerala)

Sugarcane Breeding Institute, Coimbatore 641 007 TN

Agronomy – Cropping Systems

9 years in research

Recipient of Dr CS Venkataram Memorial Award for the best paper in JPC (1987-88)

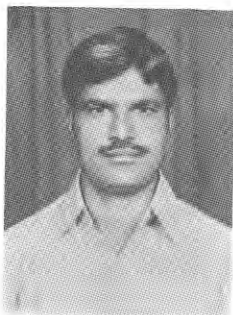
Life member - ISPC, ISA

Established a coconut based high density multispecies cropping model involving 18 crop species and studied various agronomic aspects;

initiated a field experiment on coconut based agroforestry and studied the total and economic biomass productivity of the system involving different

woody perennials

R 4(15) P 1





KAMALAKSHIAMMA PG (Ms), MSc (04-06-1944)

Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Soil Science - Nutrients
21 years in research
Member - ISPC
Conducted fertilizer requirement trial with coconut hybrids in root (wilt) disease affected area; associated with studies on formulation of fertilizer schedule for root (wilt) diseased area
R 15 P 2

KARUN ANITHA (Ms), MSc,PhD (01-12-1960)

Scientist
CPCRI, Kasaragod 671 124 Kerala
Horticulture - Pomology
1 year in research
Currently working on coconut embryo and tissue culture



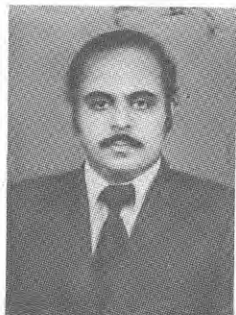
KASTURIBAI KV (Ms), MSc (30-03-1948)

Senior Scientist
CPCRI, Kasaragod, 671 124 Kerala
Plant Physiology - Production Physiology
15 years in research
Recipient of Dr C.S. Venkataram Memorial Award for best paper in JPC (1987-88)
Life member - ISPC
Studied the physiological aspects of flowering, yield variations and dry matter production in coconut, effects of light on high density multispecies cropping system, impact of moisture stress on dry matter production
R 17

KENDURKAR V SUCHISHWETA (Ms), MSc (06-10-1957)

Scientist
Division of Biochemical Sciences, NCL, Pune, Maharashtra
Plant Tissue Culture
10 years in research
Member-IAPTC
Engaged in the development of technique for clonal propagation of coconut
R 2(5) B (2)





KHAN H HAMEED, MSc(Ag), PhD (17-08-1943)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Soil Science - Nitrogen Management

Life member and Secretary – ISPC; Member– ISSS; Member of Editorial Board –JPC

Studied the effect of long term reserves of phosphorus (P) in soil on mineral nutrition of coconut; advocated rock phosphate as ideal P carrier for high rainfall and acid soil areas; worked out P availability models for coconut for red and laterite soils; evolved a sampling method for diagnostic purposes; evaluated nutritional requirement of high density multispecies cropping systems

R 27(38) P (1) B (1) O 2

KOCHUBABU M, MSc (Ag) (11-07-1953)

Senior Scientist

CPCRI (RC), Pacha P.O. Palode 695 562 Kerala

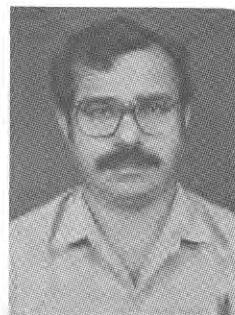
Plant Pathology - Disease Control

6 years in research

Life member - ISPC; Assistant Editor (1990-91) –JPC

Identified root (wilt) diseased coconut palms far away from the diseased belt and worked out eradication methods to check the disease spread in mildly affected areas

R 5(13)



KOSHY PK, MSc(Ag), PhD (01-03-1942)

Principal Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Nematology - Integrated Management

18 years in research

Member of expedition for Collection of Coconut Germplasm from Pacific Ocean Islands; collected MYD seednuts from Malaysia for Government of Kerala

Life member - ISPC, IPS; Member - Editorial Board-Indian Phytopathology (1986-88), *Indian Journal of Nematology* (1983-86); Member-ISRC, ISCA; Charter and Life member– NSI

Described seven new species of plant parasitic nematodes; identified *Radopholus similis* as the major problem in coconut based cropping systems and proved the pathogenicity on various crops; recommended suitable integrated schedules to control plant parasitic nematodes; screened several cultivars and hybrids of coconut for resistance against *R. similis*

R 42(93) P 3(8) B 5 O 4(5)





KUMARAN PM, MSc, PhD (12-07-1945)

Senior Scientist(CPCRI, Kasaragod 671 124 Kerala)

NRC for Cashew, Puttur 574 202 Karnataka

Genetics - Plant Breeding

2 years in research

Associated in compiling descriptors for 18 coconut cultivars; initiated organoleptic studies to identify suitable tendernut varieties of coconut

R 1(12)

KURIAN CHANDY, MSc, PhD (24-02-1925)

(Retd. Head of Entomology, CPCRI (RS), Kayangulam 690 533 Kerala)

12/1081 Barton Hill, Thiruvananthapuram Kerala

Agricultural Entomology

30 years in research

Principal Investigator of PL 480 scheme on *Oryctes rhinoceros*; participated in 1st and 2nd FAO conferences of coconut

Fellow - Royal Entomological Society of London, Zoological Society of India;

Member – ESI

Detected and described 101 new species of insect parasites of agricultural importance in India and Sri Lanka; investigated the pest problems of coconut in India viz. *Oryctes rhinoceros*, *Rhynchophorus ferrugineus*, *Opisina arenosella* and *Paradasynus rostratus*; collaborated with BARC, Trombay in a project on the sterile male technique

R 96 P 139 B 3



KURIEN JACOB N, MSc (Ag) (23-11-1937)

Director

CDB, Regional Office, Bangalore 560 086 Karnataka

Plant Protection - Development

5 years in research and 22 years in development

Governing Body member (1986-90) - Society for Ecological Conservation and Development; Member - Editorial Board of ICJ

Popularized scientific coconut cultivation in traditional areas; formulated coconut development schemes and monitored their implementation; conducted extensive surveys and identified potential areas for coconut cultivation

R 2 P 10



LAKSHMANACHAR MS, MSc (10-01-1933)

(Statistical Assistant, CPCRI Kasaragod 671 124 Kerala and Retd. Deputy Director, Directorate of Arecanut, Cocoa and Spices, Kozhikode)
254 Viswarumpa (upstairs) V Main, Jayanagar, Mysore 570 014 Karnataka
Economics & Statistics
7 years in research
Involved in laying out field experiments, statistical analysis and interpretation of results from experiments on coconut
R 8(19) O (27)

LILLY VG (Ms), MSc (02-04-1929)

(Retd. Senior Scientist CPCRI (RS), Kayangulam 690 533 Kerala)

PH Road, Kochi 673 018 Kerala

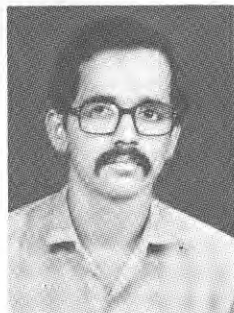
Plant Pathology - Mycology

38 years in research

Member - ISPC, IPS

Reported the occurrence of VA Mycorrhiza in coconut; conducted intensive studies on root (wilt), stem bleeding and leaf rot diseases

R 24 P 7 O 7



MADHAVAN K, BSc, Grad IETE (02-04-1951)

Senior Scientist

CPCRI Kasaragod 671 124 Kerala

Electronics and Instrumentation

9 years in research

Member - ISPC, IETE

Developed an electronic 'copra moisture meter'; engaged in harvest and post-harvest technology of coconut; standardized the technology for preparation of ball copra

R 2

MANDAL RC, MSc (Ag), PhD (01-11-1929)

(Retd. Scientist I/C, NRC for Cashew, Puttur 574 202, Karnataka)

Lhejuri, Midnapore 721 431 WB

Agronomy - Soil, Fertilizer and Water Management, Weed Control

12 years in research and 3 years in development

Served as Crop Specialist in Agronomy to the Govt. of Fiji

Member and Vice-President- ISRC, ISPC.

Associated with coconut-based cropping systems; management studies on Benaullim variety of coconut conducted

R 2(30) P 2(10) B (2) O (10)



MARKOSE VT, MSc(Ag) (23-05-1941)

Director

CDB, Kochi 682 011 Kerala

Agronomy

9 years in research and 19 years in development

Member - ISPC

Visited Mauritius in 1986 as coconut expert to draw up a coconut development programme for the Government of Mauritius

Associated in recommending the split application of fertilizer to coconut and coconut-based farming systems; studied the preservation of husked coconut for household use and rooting pattern of coconut; actively involved in area expansion programme and production of improved planting materials

R 8 P 15 B 2 O 1



MASCARENHAS ANTHONY F, PhD (03-01-1931)

Scientist 'F'

Division of Biochemical Sciences, NCL, Pune - 411 008 - Maharashtra

Biochemical Sciences-Plant Tissue Culture

10 years in research and development

Recipient of Vasvik Award for Biological Sciences (1988)

Foundation Secretary - PTCAI; Fellow-Maharashtra Academy of Sciences

Working on the regeneration of shoots and roots through tissue culture in coconut

R (140) P (10) B (2) O (5)



MATHAI G, MSc(Ag) (03-08-1936)

Professor of Plant Pathology

RARS (KAU), Kumarakom, Kottayam 686 566 Kerala

Plant Pathology

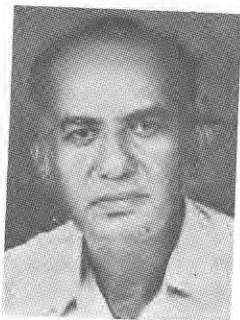
11 years in research and 2 years in development

Member - ISPC, Tropical Crop Research Society

Designed an indigenous rat trap (Kumarakom trap) for the control of rats in coconut gardens; developed an easy method of fungicide application for the control of leaf rot of coconut

R 12 (18) P 28 (32) O 2





MATHEN K, MSc PhD (29-03-1930)

(Retd Principal – Scientist CPCRI (RS), Kayangulam 690 533 Kerala)
135, Alummoottil Changanacherry 686 101 Kerala
Entomology –Vector Biology– Plant Nematodes
32 years in research
Member - ISPC

Studied the biology, bionomics and control of insect pests of coconut;
identified the lace wing bug *Stephanitis typica* as the vector of coconut
root (wilt) disease; recorded the burrowing nematode *Radopholus similis*
in coconut roots and fourteen other phyto-nematodes in the coconut
rhizosphere, five of them newly described up to species level
R 50 P 27 O 13

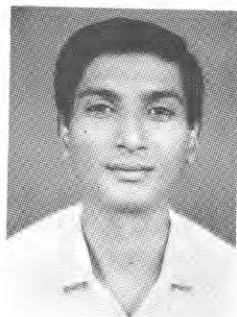
MATHEW AC, MTech (15-07-1961)

Scientist
CPCRI, Kasaragod 671 124 Kerala
Agriculture Engineering – Soil and Water Conservation
1 year in research

Member – Indian Society of Remote Sensing

Currently engaged in water movement studies under drip irrigation system in
coconut garden

R (2)



MATHEW AG, MSc, PhD (02-01-1935)

General Manager, Goetze India Ltd, 39/5125 Panampillynagar
Kochi 682 015 Kerala

Food Technology and Chemistry

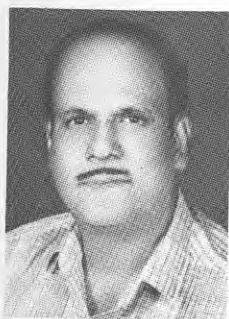
11 years each in research and development

Recipient of Rafi Ahmed Kidwai Award, NRDC Award, Indian Merchants
Chamber Award, Gardners Award, Laljee Godhoo Smarak Nidhi Award
and Dhingra Memorial Medal

President(1983-85 and 1987-89) -Essential Oil Association of India ; Chap-
ter President and All India Secretary–AFST; Member and Executive Coun-
cillor-ISPC

Developed improved processing technology products partially de-fatted
coconut grating, bottled mature coconut water; studied oil milling and
other processing methods

R 10 (80) P 2(30)



MATHEW CHACKO, MSc (13-04-1934)

Senior Scientist

CPCRI, Kayangulam 690 533 Kerala

Plant Physiology

33 years in research

Member - ISPC

Studied the physiology of coconut production and the water relations, carbohydrate metabolism of root (wilt) affected coconut palms; associated in the research and developmental programmes of the ICAR Research Complex at Minicoy, Lakshadweep

R 20 P 17

MATHEW JACOB, MSc, MPhil (07-06-1941)

Principal Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Statistics - Field Experiments

27 years in research

Life member and Treasurer (1975-78) - ISPC

Studied the refinement of experimentation techniques; developed a technique for estimating the annual yield of coconuts based on a single observation; studied the effect of drought on coconut yield in subsequent years; assessed the long term trends and seasonal variations in the prices of coconut copra and coconut oil

R 52 P 2



MENON M RAMANATHA, MSc (Ag), PhD (30-07-1924)

(Retd. Professor of Plant Pathology, College of Agriculture, KAU, Vellayani, Thiruvananthapuram)

Always House, Jagathy, Thiruvananthapuram 695 014 Kerala

Plant Pathology

14 years in research

Member- IPC, ISPC, MSI

Worked on the microbial deterioration of copra and production of aflatoxin

R 3(68) P (9) B (1) O (1)

MITRA SISIR, MSc (Ag), PhD (01-01-1954)

Reader

Department of Horticulture Bidhanchandra Krishi Viswa Vidyalaya

Kalyani 741 235 W B

Horticulture

5 years in research

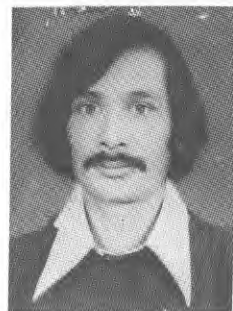
Recipient of Commonwealth Fellowship for post-doctoral research at U.K.,

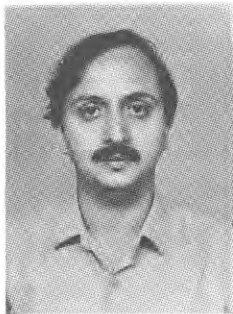
Kjeriwal Award for best paper from Indian Food Packer

Member - International Plant Propagators Society. International Society for Horticultural Science, HSI

Studying the nutritional requirement for D x T and local tall coconut in West Bengal conditions

R (25) P (6) B (2)





MOHAN KS, MSc, PhD (14-12-1952)

Senior Scientist (CPCRI, Kayangulam 690 533 Kerala)
Indian Institute of Horticultural Research, Hessaraghatta Lake Post,
Bangalore 560 089 Karnataka
Microbiology - Microbiological Pesticides
8 years in research
Member - ISBA, AMI, Centre for Advancement of Biotechnology
Isolated an Indian variant of *Oryctes baculovirus* (OBV) and used it as a
biocide for the control of rhinoceros beetle; characterized the genome of
the virus; a physical map for six restriction endonucleases has been
constructed on the DBA of OBV; isolated the entomophagus *Metarhizium*
anisopliae from rhinoceros larvae and developed mass culturing methods
R 11(16)

MULIYAR MK, MSc(Ag) (01-07-1933)

Principal Scientist,
CPCRI, Kasaragod 671 124 Kerala
Agricultural Extension-Agronomy
34 years in research

Attended the upgrading course in the field of 'Agricultural Co-operatives'
Leipzig GDR (May-Aug. 1973) and a workshop on 'Transfer of Technology
among Coconut Extension and Research Workers', Jakarta, Indonesia
(January 1989)

Life member, Vice-President (1971-72) and President (1981-82) – ISPC; Life
member – ISEE

Studied the nutritional requirement of rainfed coconut and recommended the
levels for west coast area; conducted agronomic trials on irrigation, intercrop-
ping, varietal response to manuring and cultural operations; established the
Extension Division at CPCRI and organized training programmes for officials
of India and other developing countries; co-ordinated the lab-to-land projects
and Farm School on All India Radio programmes

R 8(12) P 8(10) O 3(19)



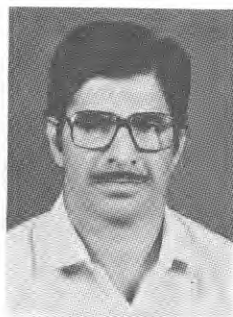
MURALIDHARAN A, MSc, PhD (20-04-1939)

(Senior Scientist, CPCRI (RS), Kayangulam 690 533 Kerala)
Joint Director, ICAR Research Complex, Minicoy, Lakshadweep
Agronomy - Crop Production

17 years in research and 13 years in development
Recipient of Gold Medal for PhD Programme from UAS, Bangalore
Life member - ISPC; Member and Councillor (1973-75)– Indian Society of
Weed Science

Developed a management strategy for the root (wilt) diseased coconut
palms and cropping system in disease-affected gardens.

R 2 P 2 B 2





MURALIDHARAN K, MSc (Ag), PhD (31-05-1963)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Agricultural Statistics - Genetical Statistics

1 year in research

Currently working on developing models for Genotype x Environment interaction studies in coconut

R (2)

MURTHY K NARASIMHA, MSc(Ag) (28-12-1922)

(Retd. Joint Director, CPCRI (RS), Vittal 543 124 Karnataka)

Srinilaya, Azad Road, Tirthahalli 577 432 Karnataka

Genetics - Plant Breeding

1 year in research

Member-ISPSC, ISGPB, HSI

Studied the coconut germplasm of Lakshadweep

R 10 (40) P 12(29)



NADGAUDA RAJANI S (Ms), MSc, PhD (19-03-1951)

Senior Scientist

Division of Biochemical Sciences, NCL, Pune 411 008 Maharashtra

Plant Tissue Culture

7 years in research

Studied somaclonal variation on coconut

R 2(20) B (6) O (3)

NAGWEKAR DD, MSc(Ag) (13-07-1952)

Research Officer

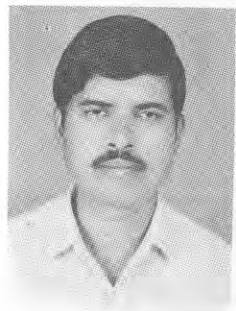
CRS (Konkan Krishi Vidyapeeth) Ratnagiri, Maharashtra

Horticulture - Plantation Crops

1 year in research and 7 years in development

Successfully demonstrated the cultivation of condiments, vegetables and banana as intercrops in coconut gardens in Maharashtra

R (1) P (5)





NAIR CP RADHAKRISHNAN, MSc, PhD (15-05-1947)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Agricultural Entomology

8 years in research and 2 years in development

Life member– ISPC, Biocontrol Society of India

Worked on biocology and management of coconut pests; investigated the role of insect vectors in root (wilt) disease

R 5(25) P (2) B (2)

NAIR MGK, MSc(Ag) (16-06-1951)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

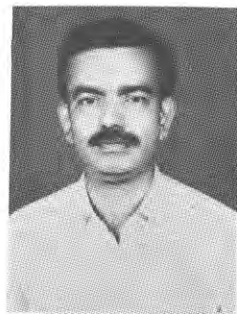
Agronomy - Multiple Cropping

8 years in research and 4 years in development

Member - ISPC, ISA

Demonstrated the methods to improve coconut yields in root (wilt) affected area by intensive cropping and proper crop husbandry; identified clove, nutmeg, banana and pineapple as suitable crops for multiple cropping in coconut gardens

R 1(3)



NAIR MK, MSc(Ag), PhD (24-08-1937)

Director

CPCRI, Kasaragod 671 124 Kerala

Cytogenetics and Plant Breeding –Research Management

5 years in research and development

Chairman - Subgroup on Spices and Cashew -VIII Plan; Member of Indian delegation, IPC - 1986 and 1987, APCC -1988 and 1989; Invited speaker at Cocotech, Manila, 1990; Member - Spices Board (1987-90); Member - CDB (1987 onwards) and several others

Life member and President (1988-92) - ISPC; Editor (1981-88) - JPC; Life member –ISAR; Councillor– South India Horticultural Association

Established the largest seed garden of coconut in India during 1972-75; Co-ordinating the research activities on coconut in India; instrumental in planning the second generation coconut based high density multispecies cropping system; monitoring the conservation and evaluation of coconut genetic resources including the exotic collections maintained at WCGC, Andamans

R 2(35) P 3(10) B (7) O 2(35)





NAIR RR, MSc(Ag), PhD (27-11-1936)
Associate Director
RARS (KAU), Kumarakom 686 566 Kerala
Agronomy - Soil and Water Management
8 years in research
Zonal member - ISAS

Initiated studies on fertilizer - irrigation interaction in coconut under conventional and micro irrigation systems; effects of duration of moisture stress on yield of coconut and also on moisture conservation practices
R 12(54) P 6 B 1

NAIR R VELAYUDHAN, MSc.(Ag), PhD (01-01-1950)

Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Plant Breeding
2 years in research
Recipient of National Scholarship of Government of India for PhD programme in Philippines
Member - ISGPB, ISPC
Engaged in breeding for resistance to root (wilt) disease of coconut
R (22)



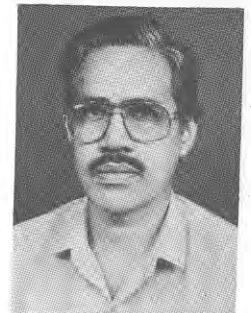
NAIR R VIKRAMAN MSc(Ag), PhD (19-04-1944)

Professor of Agronomy
KAU-Cadbury Cocoa Improvement Project, College of Horticulture, KAU
Vellanikkara 680 654 Kerala
Agronomy - Soil Fertility
1 1/2 years in research
Compiled data of fertilizer trials and Agrostology experiments
R 2(45) P 1(5)

NAMBIAR IPS, MSc(Ag) (24-08-1937)

Professor
RARS (KAU), Pilicode 671 353 Kerala
Agronomy
29 years in research
Member - ISAS

Associated in developing and testing coconut hybrids (Lakshaganga, Keraganga, Anandaganga and TxMYD); recommended suitable doses of fertilizers and frequency of application to coconut hybrids
R 5(16) P 12





NAMBIAR KKN, MSc(Ag), PhD (20-08-1937)

Principal Scientist and Head,
Division of Crop Protection, CPCRI, Kasaragod 671 124 Kerala
Plant Pathology - Coconut Diseases
Visited UK in 1984 for five months on a British Council Programme for training on *Phytophthora* diseases
Life member and Vice - President (1981-82) - ISPC; Member- IPS
Worked on stem bleeding and Thanjavur wilt diseases of coconut; established *Thielaviopsis paradoxa* as the causal organism of stem bleeding disease; worked out an index to measure the intensity of stem bleeding disease and formulated effective chemical and biocontrol measures; demonstrated the effectiveness of root feeding of Calixin or Aureofungin sol in controlling Thanjavur wilt disease under field conditions
R 8(57) P 6(30) B 1(5) O 3(19)

NAMBIAR MC, BSc (Ag), PhD (10-04-1925)

(Retd. Project Co-ordinator, CPCRI, Kasaragod 671 124 Kerala)

Meloth House, Gudde Temple Road, Kasaragod, Kerala

Plant Breeding and Cytogenetics

20 years in research and 15 years in development

FAO assignment as a consultant to prepare a report on spices and essential oil crops of India (1976); member of Indian delegation to Mozambique for conducting feasibility study regarding production of cashewnut; FAO assignment to prepare 'descriptor list' for cashew (1982); Advisor to Plantation Corporation of India; Member of Indian Spices Development Council; Member- Indian cashew Development Council; Member - Scientific Panel for Horticulture, ICAR

Studied the genetic analysis of yield and its attributes, inheritance pattern and heritability, seasonal variation in sex expression and nut production, pollen culture and pollination; conducted cytological studies on origin of dwarf and spicata varieties

R 18(21) P 3(26) B 1 O 4



NAMBIAR PKN, MSc (Ag), PhD (25-01-1931)

(Retd. Professor, RARS, (KAU) Pilicode Kerala)

Sreevilas, Pilicode 671 353 Kerala

Soil Science-Agricultural Chemistry

28 years in research and 8 years in development

Studied manurial and cultural requirement of coconut and effects of KCl and NaCl on coconut yield; associated in evolving coconut hybrids such as Lakshaganga, Keraganga and Anandaganga; studied the seasonal variation in copra and oil content in various cultivars, hybrids and their parents

R 11 P 2(10) B (2) O 2(8)



NAMBIAR PTN, MSc, PG Dip. in Stat. (06-03-1941)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Statistics - Experimental Designs

12 years in research

Member and Treasurer (1987-88) -ISPC

Evolved a system to simplify the indexing of root (wilt) disease affected coconut palms; worked out optimum plot size for experiments on coconut; evolved regression models to predict the yield based on weather variables and partial harvest data

R 15 P 4

NAMBIAR SUMANGALA S (Ms), MSc (Ag) (27-04-1941)

Professor

RARS (KAU), Pilicode 671 353 Kerala

Agricultural Entomology

28 years in research

Member - ESI

Identified coconut varieties and hybrids which are relatively less susceptible to *Oryctes rhinoceros*; associated in evolving and testing new coconut hybrids; worked on bio-control agent of rhinoceros beetle; studied the influence of weather on larval population of root grubs

R 5(7) P 11



NAYAR TVR, MSc (Ag), PhD (23-11-1944)

Scientist (CPCRI (RS), Kayangulam 690 533 Kerala)

CTCRI, Thiruvananthapuram 685 017 Kerala

Agronomy

8 years in research

Member - ISPC, ISRC

Standardized the agrotechniques for intercropping with tropical tuber crops and fodder crops in coconut gardens

R 5(20) P (9)

NAYAR NM, MSc (Ag), PhD (06-05-1933)

(Ex-Director, CPCRI, Kasaragod 671 124)

Principal Scientist, Vegetable Crops Division, IARI, New Delhi 110 012

Plant Breeding and Research Management

9 years in research and development

Member-Fellow of 13 professional societies

Contributed to the cytogenetics, origin and evolution of a number of important tropical and subtropical crop plants

R (100) P (25) B (3) O (10)



NAMPOOTHIRI KUK, MSc (Ag), PhD (07-12-1940)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)

Scientist I/C, CPCRI (RC), Pacha P.O, Palode 695 562 Kerala

Genetics and Plant Breeding

10 years in research

Recipient of Dr C S Venkataram Memorial Award in PLACROSYM -VIII and an award for best paper published in Food Science and Technology Journal (1991); Attended to coconut prospection in Nigeria (5 years)

Member and Executive Councillor (1991-92) - ISPC; International Society for Oil Palm Breeders

Studied biosystematics of coconut phenotypic and genotypic correlations in relation to yield, prepotency, selection of high yielding Nigerian Talls and floral biology of 13 cultivars

R 16 (24) P 7 B (1) O 3(9)

PAMPAPATHY K, MSc (Ag), PhD (01-07-1944)

Horticulturist, ARS (APAU) Ambajipeta 533 214 A.P

ARS (APAU), Bapatla, AP

Horticulture - Olericulture

5 years in research and 16 years in development

Associated in the ongoing coconut experiments at the centre

R 2(16) P 14(20)



PANDALAI KM, MSc, PhD, FRIC (22-03-1908)

(Retd. Director, CCRS, Kasaragod 671 124 Kerala)

Jyothi Bhavan Veliannor, Thrissur Kerala

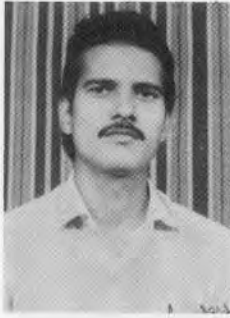
Biochemistry – Agricultural Antibiotics

ICAR Diamond Jubilee of Coconut Research ward (1976); KAU Golden Jubilee year of Hybrid Coconut Production Award (1988)

Fellow-Royal Institute of Chemistry; Member–Society of Biological Chemists

Extensively studied the botanical and cyto-anatomical aspects: associated in crop improvement by hybridizations; carried out enzymatic diagnostic studies; studied the effect of long term continuous cropping of coconut on nutrient status and soil condition; demonstrated the impact of regular cultivation and manuring in increasing the yield

R 85 (124) P 12(15) B 2



PANDEY S, MSc, PhD (06-03-1962)
Junior Scientist
Zonal Agricultural Research Station , Jagadapur M P
Horticulture
1 year in research
Working in All Indian Co-ordinated Research Projects on palms

PANKAJAKSHAN AS, MSc, Dip Mkg (28-05-1933)

(Retd. Director, CDB, Kochi 682 025 Kerala)

Statistics and Marketing

8 years in research and 24 years in development

Statistical analysis of coconut experiments; standardized a method of selecting mother palms and determined the number of trees and years of data required for conducting agronomic trials; carried out trend analysis of area, production, prices of coconut; surveyed coconut based industries and evaluated new technologies in product diversification and by product utilization

R 20 P 10



PARTHASARATHY M, BE, FIE, FPRJ (Lond), MSPE (USA) (04-07-1924)

Chief Technical Adviser

Polyene General Industries Private Limited, A 11 & 12 Industrial Estate
Guindy – Madras 600 032 T N

Processing-Application of Plastics in Agriculture

12 years in development

Recipient of the Spirit of Enterprise Rolex Award Switzerland in 1987 for drip irrigation; Expert member of the UNIDO Panel on Water Management
Successfully pioneered the application of drip irrigation coupled with fertilization on coconut

Published several popular articles

PATEL RK, MSc(Ag) (16-09-1959)

Assistant Professor

Department of Entomology, College of Agriculture (GAU)

S.K. Nagar 385 506 Gujarat

Agricultural Entomology

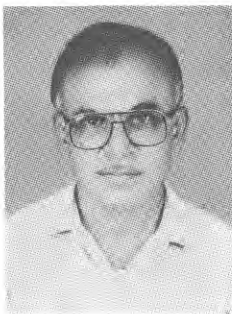
2 years each in research and development

Member - Gujarat Association of Agricultural Scientists

Worked on residue analysis of coconut water, relative abundance of *Opisira arenosella* in coconut gardens and control measures

R 2(5) P (13) O (1)





PATIL JL, MSc(Ag) (18-02-1938)

Agronomist

RCRS (Konkan Krishi Vidyapeeth) Ratnagiri 415 612 Maharashtra
Horticulture

14 years in research and 5 years in development

Standardized the fertilizer dose and introduced drip irrigation on commercial scale for coconut in Maharashtra

R 6(10) P 55(63)

PATIL KD, MSc (25-09-1942)

Principal Scientist CPCRI (RS), Kayangulam 690 533 Kerala)

ICAR Research Complex, Old Goa 403 402 Goa

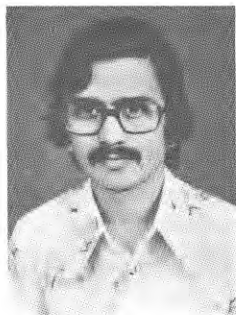
Plant Physiology

8 years in research

Member - ISPC, IJPP

Worked on water relations of root (wilt) disease affected coconut palms

R 8(22) P 4(10)



PATIL RT, MTech (Ag Eng) (14-02-1954)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)

Senior Scientist, CIAE, Nabibagh, Bhopal, 462 018 M P

Agricultural Process Engineering- Post Harvest Technology

5 years in research

Recipient of B.M. Dayama Gold Medal from MPAU for BTech (AE)

Member - ISAE; AFST

Associated in developing solar cabinet dryer and small holders dryer for coconut using agricultural waste

R 16(73) P 4(9) O 2

PERUMAL RKP, MSc(Ag), PhD (03-06-1936)

Deputy Registrar

TNAU, Coimbatore 641003 T N

Agricultural Botany - Oilseeds

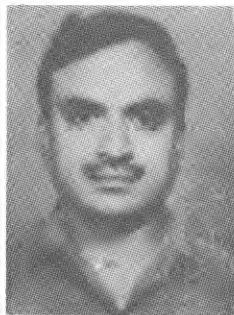
12 years in research

Member in six scientific societies

Responsible for large scale production and distribution of coconut seedlings in Tamil Nadu

R 10(21) P 8(12) B 1(2)





PHADKE H CHNDRASHEKARA, MSc, PhD (31-12-1951)

Scientist

Division of Biochemical Sciences, NCL, Pune 411 008 Maharashtra
Plant Tissue Culture

8 years in research

Member - IAPTC

Engaged in clonal propagation of coconut

R 1(10)

PILLAI GB, MSc (03-12-1931)

Principal Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Entomology - Biological Control

Recipient of Dr. C.S. Venkataram Memorial Award (1986)

Life member, Executive Councillor (1972-'74)-ISPC, AAE; Editor (1972) and

Member of Editorial Board (1980-'84) - JPC; Member -ISBA, IUSSI

Conducted studies on ecology and biological control of leaf eating caterpillar

Opisina arenosella; standardized techniques for culturing pupal parasitoids

Brachymeria nosatoi and a new pupal parasitoid *Xanthopimpla nana nana*;

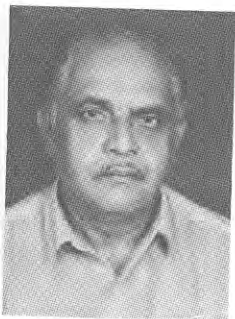
associated in evolving sampling technique for estimation of field populaion

and release of parasitoids; studied the entomopathogens *Metarhizium*

anisopliae and Baculovirus of *Oryctes* and successfully introduced

Baculovirus to Minicoy and Androth, Lakshadweep

R 58(79) P 11(13) B 2(4) O 1



PILLAI NG, MSc, PhD (07-09-1927)

(Head of Soil Science, CPCRI (RS), Kayangulam 690 533 Kerala)

Emeritus Scientist, CTCRI, Thiruvananthapuram 695 017 Kerala

Soil Science - Micronutrients

32 years in research and 2 years in development

Recipient of Govinda Hari Singhanian Award (1966) and Merit Certificate
and Diamond Jubilee Award of ICAR (1976)

Life member - ISPC, ISRC

Conducted a comprehensive soil survey of healthy and root (wilt) affected
areas in Kerala; studied micronutrient status and found Zinc deficiency
associated with disease incidence

R 45 (60) P 10(17) B 1



PILLAI N GOPINATHAN, MSc (27-11-1934)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Pathology - Epidemiology

26 years in research

Member - ISPC, AnSA

Studied symptomatology, epidemiology and etiology of coconut root (wilt) disease and developed a simplified technique for indexing disease severity; developed an indigenous pressure injector for palms and determined uptake, translocation and efficacy of antibiotics in the remission of symptoms

R 20 P 7

PILLAI R VASUDEVAN, MSc (Ag) (14-03-1932)

Principal Scientist

CPCRI, Kasaragod 671 124 Kerala

Plant Breeding - Seed Production

34 years in research

Member of Indian delegation to V FAO Technical Working Party on Coconut Production, Protection and Processing held in Manila, Philippines (1979)

Life member-Founder Secretary (1971), Elected Secretary (1972 & '73)

Asst. Secretary (1975 & '76), Vice President (1987 - 1990) -ISPC; Technical

advisory member in various seed gardens in the country; Member of Coconut Breeders Consultative Committee of FAO (1972 - 79)

Responsible for the enrichment of CPCRI coconut germplasm obtained from other countries; associated in the survey and collection of indigenous germplasm from most of the States; modified the hybridization technique to meet the increasing demand of hybrids; trained several agencies on the hybridization method; identified and produced promising hybrids and cultivars for research in the ICAR's Co-ordinating Centres and for general supply associated with the establishment of Seed Garden, Kidu

R 14 P 9 O 4



PONNAMMA KN (Ms), MSc (23-02-1947)

Senior Scientist

CPCRI (RC), Pacha P.O. Palode 695 562 Kerala

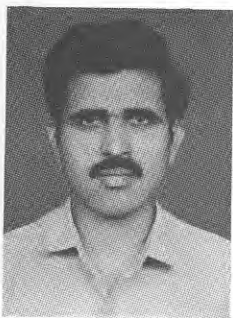
Agricultural Entomology - Vector Entomology

12 years in research

Member - ISPC

Worked on the effective methods of control for leaf eating caterpillar (*Opisina arenosella*) and coreid bug (*Paradasynus rostratus*); recorded *Syntomis passalis* as a new pest of coconut

R 20(23) P 2



PRASADA RAO GSLHV, MSc, PhD (30-07-1952)

Associate Professor

RARS (KAU), Pilicode 671 353 Kerala

Meteorology - Agricultural Meteorology

10 years in research

Life member - ISPC, Association of Hydrologists of India; Member - Agro meteorological Society of India

Conducted detailed studies on the effects of drought on coconut yield; carried out experiments on phytoclimate of coconut and studied the effects of heat units on the development of nuts

R 15 (20) P (2) B 1(2) O 2

PRASADJI JK, MSc(Ag) (15-06-1960)

Assistant Plant Pathologist

ARS, Ambajipeta 533 214 A P

Plant Pathology - Nematology

3 years in research

Life member - IPS

Demonstrated the method of increasing the life span of *Ganoderma* wilt affected coconut palms by adopting suitable chemical control measures; developed control methods of checking the spread of *Ganoderma* disease

R (2) P 4



RADHAKRISHNAN TC, MSc(Ag) (15-06-1941)

Associate Professor

RARS (KAU), Pilicode 670 353 Kerala

Plant Pathology - Crop Protection

14 years in research

Member - IPS, ISRC

Developed a package for effective control of stem bleeding disease, a linear regression model for estimating the number of bleeding palms based on aridity index; identified coconut cultivars free of stem bleeding incidence

R 9(23) P 6

RAGHAVAN CV, BE (12-05-1955)

Scientist

P E P D, CFTRI, Mysore 570 013 Kerala

P E P D - Food Engineering

3 years in development

Member-AFST

Worked on the development of a process for wet processing of coconut to produce low fat desiccated coconut powder; involved in processing of dry and wet coconuts

O 3





RAJAGOPAL V, MSc, PhD (15-03-1944)

Senior Scientist and Head

Plant Physiology, Bio-chemistry & Microbiology Division, CPCRI,
Kasaragod 671 124 Kerala

Plant Physiology - Stress Physiology

11 years in research

Recipient of RD Asana Medal (1976) instituted by ISPP for contributions in stress physiology, Danish Government Fellowship for Post Doctoral research at Copenhagen (1977-79)

Member and Executive Councillor (1989 & '90)– ISPC, Founded member, Executive Councillor (1982 & '83 and 1988&'90)–SPPB; ISPP

Investigated the water relation aspects in root (wilt) diseased palms; developed an early diagnostic test for identifying diseased palms; screened coconut genotypes for drought tolerance and identified promising genotypes; studied physiological characterization of tolerance

R 21(59) P 5(6) B 4(6) O 4(15)

RAJAGOPALAN A, MSc (Hort) (24-02-1959)

Assistant Professor

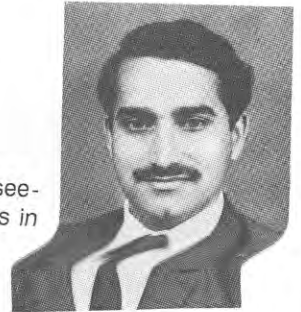
RARS (KAU), Pilicode 670 353 Kerala

Horticulture - Crop Management

7 years in research

Worked out the crop coefficient for irrigation of Tall x Gangabondam seedlings; studied the compatibility of some medicinal plants as intercrops in coconut garden

R 3(7) P 2(14) O 1



RAJAMANICKAM K, MSc (Ag) (13-08-1960)

Assistant Professor of Entomology

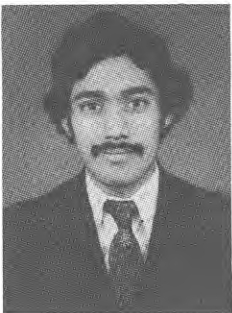
ARS (TNAU), Aliyarnagar, T N

Agricultural Entomology– Biological Control

3 years each in research and development

Working on the biological control of *Oryctes rhinoceros* with Baculovirus and coconut leaf eating caterpillar with parasitoids

R 7 P 8 O 4





RAJAMANNAR M, MSc (Ag), PhD (15-06-1947)

Virus Pathologist

ARS (APAU), Ambajipeta 533 214 A P

Plant Pathology - Virology and Mycoplasmas

7 years in research

Recipient of Gold Medal for PhD at IARI (1990)

Life member - IPS, IBS, ISMPP

Demonstrated the presence of MLO's in Tatipaka disease of coconut; assessed the seasonal variations in the spread of *Ganoderma* wilt of coconut

R 7(14) P 3

RAJAN KC, MSc(Ag) (06-03-1955)

Associate Professor

Operational Research Project (KAU), Kozhipara, Palakkad 678 557 Kerala Agronomy

6 years in research

Worked on the management of coconut root (wilt) disease using ideal green manure crops and coconut based-cropping systems

R 2(12) P (2) O (1)



RAJAN KM MSc (Ag), PhD (08-10-1940)

Associate Director

RARS (KAU), Pilicode 670 353 Kerala

Plant Pathology - Biological Control

20 years in research and development

Member - six scientific societies and Editorial Board of Agricultural Research Journal of Kerala

Developed package of practices for amelioration of root (wilt) disease and studied the influence of rhizosphere microflora of coconut on root (wilt) disease and role of mycoplasma

R 20(100) P 10(25) B 4(7)



RAJAN P, MSc (23-05-1950)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Entomology - Vector Entomology

7 years in research

Member - ISPC

Catalogued the insect visitors of root (wilt) affected coconut palms and identified a leafhopper (*Sophonia greeni*) and a planthopper (*Proutista moesta*) with the disease; associated in establishing the vector role of lace bug (*Stephanitis typica*) in root (wilt) disease transmission

R 5(11)





RAJU CA, MSc, PhD (23-03-1950)

(Scientist, CPCRI (RS), Kayangulam 690 533 Kerala)
Senior Scientist, Central Tobacco Research Institute, Rajahmundry A P
Plant Pathology - Fungal Diseases
4 years in research
Member - ISPC, IPS, Indian Society of Tobacco Science
Worked on fumigation schedule for seed coconuts, role of fungi in root (wilt) disease and associated in development of a stem injector for administering antibiotics to the diseased palms
R 3(12)

RAJU CR, MSc (06-03-1950)

Senior Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Genetics and Cytogenetics - Biotechnology
9 years in research
Member - ISPC; ISGPB, Society for Tropical Crops and Academic Council, KAU
Standardized the method of non-destructive extraction of meristematic tissue in coconut ; clonal coconut plants were produced from tender leaf tissues through somatic embryogenesis; produced somatic embryos from leaf callus;
R 6(11) P (2) B (1)



RAMACHNDRAN CP, MSc (09-07-1934)

Experimental Scientist
CPCRI (RS), Kayangulam 690 533 Kerala
Entomology - Pest Management
25 years in research
Recipient of Samaj Seva Star (1965), Raksha Medal (1965), Sainya Seva Medal
Studied the insecticidal control of *Oryctes rhinoceros* and evolved the method of assessing crop loss; studied strain variability in red palm weevil; associated in the development of an electronic detector to detect weevil attack at early stages; developed a rearing technique for *Stethoconus* sp. a predator of root (wilt) disease vector *Stephanitis typica*
R 8 P 2



RAMACHANDRAN TK, MSc (Ag), PhD (06-09-1936)

Professor and Head
CRS (TNAU), Veppankulam 614 906 T N
Plant Breeding
5 years in research and 6 years in development
Recipient of Desylva Gold Medal; Technical advisor for DxT seed gardens in Tamil Nadu
Member - MASU
Evaluated the superiority of coconut hybrid VHC-2 and ECT xGB and hybrids for tender coconut trade; popularized the green manure crops *Calopogonium* and *Desmodium* in coconut gardens of Tamil Nadu
R 6(42) P 15(34) B (1) O 1(2)





RAMADASAN A, MA, MSc, PhD (28-04-1934)

(Head of Plant Physiology, CPCRI; Kasaragod 671 124 Kerala
Director I/C, NRC for Spices, Marikunnu, Kozhikode 673 012 Kerala
Crop Physiology – Physiology of Growth and Development
22 years in research and 4 years in management
Life Member, Secretary (1976) and Executive Councillor (1999-92) -
ISPC

Standardized methodology for growth analysis in coconut; refined seedling selection methods in coconut; developed the techniques for the early detection of hybrid vigour and potential production efficiency in hybrid seedlings

R 33(39) P 5(6) B 3 O (1)

RAMANANDAN PL, MSc, PhD (30-05-1928)

(Retd. Principal Scientist, CPCRI, Kasaragod 671 124 Kerala)

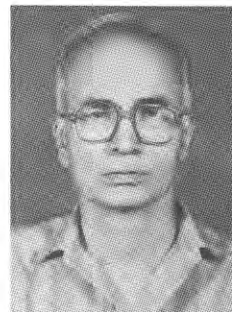
23/239, Beeranthabail, Kasaragod 671 121 Kerala

Soil Science - Fertility and Plant Nutrition

37 years in research

Studied the moisture conservation pattern; carried out soil survey in Kerala in relation to stem bleeding disease; worked on nutritional requirement and effect of sodium chloride treatment on coconut

R 13 P 5 O 3



RAMANATHAM G, PhD (24-04-1939)

Area Co-ordinator

Oil Seed Technology, CFTRI, Mysore 570 013 Karnataka

Oil Seed Technology–Utilization of oil seeds and milk proteins

8 years in research and development

Visited Denmark, Burma and Tanzania on special assignments

Member-AFST

Associated with work on wet processing of coconuts for simultaneous recovery of oil and proteins by Krauss-Maffei process

R 5(9) O 2(20)



RAMANATHAN T, MSc(Ag), PhD (29-01-1934)

Professor (Oilseeds)

TNAU, Coimbatore 641 003 T N

Plant Breeding and Genetics

12 years in research

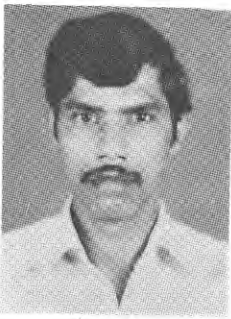
Recipient of N Veeraraghavulu Naidu Gold Medal for best research in Agricultural Botany (1987-88)

Member – Oilseeds Research Association

Associated in the development and release of two coconut hybrids namely VHC-1 and VHC-2

R 62(100) P 42(67) B 2 O 2





RAMANUJAM B, MSc (06-07-1958)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Plant Pathology

1 year in research

Associated with stem-bleeding disease investigations in coconut

R (3)

RAMANUJAM MP, MSc, PhD (08-10-19949)

Lecturer in Botany

Centre for PG studies, Pondicherry 605 008

Botany - Plant Pathology

2 years in research

Flyson Prize for best herbarium

Member - IBS, Academy of Plant Sciences, India Environmental Education

Committee of Government of Pondicherry

Isolated a phytotoxin from coconut blight fungus and established its phytotoxicity

R 1(15) P (20)



RAMAPANDU S MSc (Ag), PhD (01-07-1942)

(Pathologist, AICRP for Palms, Razole A P)

Senior Scientist, Citrus Improvement Project, S.V. Agricultural College, Tirupati 517 502 A P

Plant Pathology - Virology

3 years in research

Life member, Councillor for Central Zone (1980)– IPS

Studied the etiology and control of Tatipaka and *Ganoderma* wilt diseases of coconut

R 4(40) P 2(25) O (2)

RAMASWAMY PP, MSc (Ag), PhD (17-08-1939)

Professor in Soil Science

Agricultural College (TNAU), Killikulam, Vallanad 627 252 T N

Soil Science - Recycling of Nutrients

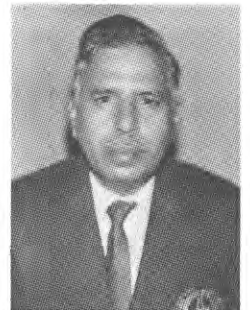
6 years each in research and development

Recipient of Golden Jubilee Rolling Shield, Ramasastrulu Munagala Prize, Eric Stanes Prize and Puri medal

Life member, Secretary, Tamil Nadu Chapter– ISSS, MASU

Worked on recycling of organic wastes like coirpith, soil conservation by shelter belts and nitrogen fixation

R 17(122) P 5(28) B (5)





RAO MRN, MSc (21-07-1936)

Joint Director

Department of Agriculture, Port Blair 744 101 Andamans

Botany- Agronomical aspects of Plantation Crops

30 years in development

Worked on coconut-based cropping and agroforestry systems in Andaman and Nicobar Islands

P 1(5)

RAO S CHANDER, MSc (Ag) (05-12-1956)

Scientist

ICAR Research Complex, Ela, Old Goa 403 402 Goa

Mycology and Plant Pathology

5 years in research

Founder Member - AnSA; Member- ISMPP

Studied 30 foliar fungi associated with coconut in Andaman and Nicobar Islands; Worked on management of stem bleeding disease of coconut

R 4(8) P (1)



RATNAMBAL MJ (Ms), PhD (15-06-1942)

Scientist

CPCRI, Kasaragod 671 124 Kerala

Genetics and Cytogenetics

3 years in research

Member - ISPC

Engaged in collection, conservation and systematic evaluation of coconut germplasm, preparing descriptors for coconut cultivars and developing hybrids for drought tolerance

R (32) O 5

RAVEENDRAN TS, MSc, PhD (03-08-1949)

Associate Professor and Head

ARS (TNAU), Aliyarnagar 642 101 T N

Plant Breeding and Genetics

6 years in research

Fellow - ISPBG; Member-Indian Oilseeds Society

Associated in the release of VHC-2 hybrid coconut for cultivation in Tamil Nadu

R 10(48) P 11(20) B 1





RAVINDRAN PS, MSc (Ag) (28-09-1940)

Scientist

CPCRI (RC), Pacha P.O., Palode 695 562 Kerala

Cytology, Genetics – Plant Breeding

9 years in research

Life member - ISRC; Member - ISPC

Studied the significance of female flower distribution in coconut production

R 1(3) P (3)

RAWTHER TSS, MSc (28-06-1931)

(Retd. Principal Scientist, CPCRI (RS), Kayangulam 690 533 Kerala)

'Salamooth', Kudassanad P.O. Pandalam

Plant Pathology

21 years in research

Member of a study team deputed to Nigeria for oil palm (1978)

Life member and Executive Councillor (1972-1973)- ISPC

Studied the symptom development in root (wilt) diseased palms; associated with the screening for disease resistance in coconut genotypes; involved in operational research project in coconut root (wilt) management

R 7(15) P 4(6) O 3(6)



RAY PK, MSc, PhD (13-02-1944)

(Scientist, CPCRI (RS), Kayangulam 690 533 Kerala)

Principal Scientist, Central Jute Research Institute,
Barrakpore 743 401 W B

Soil Science - Nuclear Techniques and X - rays

6 years in research

Participated in an International Symposium at Colombo, Sri Lanka (1978)

Member - ISPC, ISSS ISNTAB, clay mineral Society of India

Found suitable methods of studying the nutritional aspects of coconut namely powdered rock phosphate as a source for Phosphorus (P), circular trench method of fertilizer application, cut-root end feeding and radioactive P uptake

R 16(29) P 3 O 3(8)

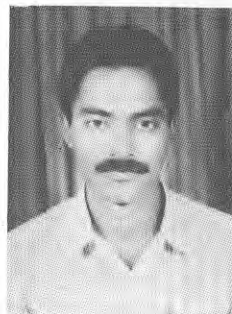


REDDY M VIKRAM, MSc, PhD (01-07-1950)

Reader in Environmental Biology
Department of Zoology, Kakatiya University, Warangal 506 009 A P
Ecology - Environmental Biology
6 years in research
Life member-Indian Society of Environmental Biology and Ecology
Worked on the agroecosystems and coconut plantations in East Coast of India; studied the termites infesting coconut in urban ecosystem
R 2(70)

REDDY RVSK, MSc(Ag) (01-06-1960)

Assistant Breeder
ARS, Ambajipeta 533 214 A P
Plant Breeding-Crop Management
6 years in research and 3 years in development
Associated in the evaluation of ECT x Gangabondam hybrid and its release for cultivation; involved in evolving and evaluating different cross combinations of Tall cultivars with Gangabondam; associated with establishing coconut based cropping systems
R (1) P 8 B 1



REDDY VENKATASUBBA, MSc (Ag), PhD (15-06-1931)

Associate Director (ARS, Ambajipeta 533 214 A P)
RARS (APAU), Chintapalle A P
Horticulture
6 years in research
Responsible for laying out coconut experiments in the co-ordinating centre at Ambajipeta
R 3(15)

REDDY S YELLA PhD (01-07-1952)

Scientist
Confectionary and Convenience Foods, CFTRI, Mysore 570 013 Karnataka
Confectionary and Convenience Foods
2 years in research
Member -AFST
Associated in studies on process development for low fat desiccated coconut from fresh coconut gratings by simple process





RETHINAM P, MSc (Ag), PhD (01-07-1942)

(Project Co-Ordinator, AICRP for Palms CPCRI, Kasaragod 671 124 Kerala)

Assistant Director-General (Plantation Crops), ICAR, Krishi Bhawan, New Delhi 110 001

Agronomy - Crop Production

4 years in research and 8 years in development

Recipient of Kona Reddy Gold Medal and Rolling Shield for best agronomy research, and Dr. Nathaniel Gold Medal for best PhD thesis

Life member and Executive councillor (1991-92) - ISPC

Conducted extensive surveys on root (wilt), *Ganoderma*, Tatipaka and crown choking diseases of coconut; worked on cropping systems, disease management, soil fertility management, weed control and Co-ordinated research at different centres

R 30(71) P 8(26) B 1 O 42(50)

SADAKATULLA S, MSc (Ag), PhD (15-07-1943)

Associate Professor

CRS (TNAU Veppankulam 614 906 T N

Agricultural Entomology - Insect Toxicology

4 years each in research and development

Life member - MASU; Member, Secretary (1976-80) - ESI; Member- Regional Research Advisory Council of NARP, Hill zone (1983-85)

Evolved a method of control of rhinoceros beetle; developed chemical control methods against rodents and root feeding technique for major sucking pests; evolved control measures against termites

R 4(51) P 42(153) O 4(14)



SADANANDAN AK, MSc (Ag), PhD (14-11-1938)

Senior Scientist (CPCRI, Kasaragod 671 124, Kerala)

NRC for Spices, Marikunnu, Kozhikode 673 012 Kerala

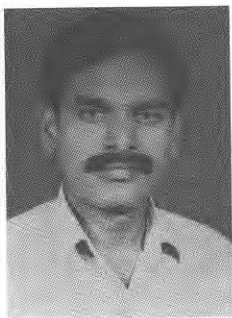
Soil Science - Agricultural Chemistry

5 years in research

Member - ISPC, ISSS, ISA

Evaluated soil fertility and nutritional requirement; associated with the establishment of WCGC in Andamans

R 4(44) P 4(16)



SAMMAIAH CH, MSc, PhD (15-07-1955)

Lecturer in Zoology

Kakatiya University, Warangal 506 009 A P

Environmental Biology - Ecology of Termites

3 years in reasearch

Surveyed the termite infestation on coconut and identified five species

R (5) P (1)

SAMPANGIRAMIAH K, MSc (Ag), PhD (04-01-1955)

Assistant Pathologist

Pathology Department, UAS, GKVK Campus, Bangalore 560 065 Karnataka

Plant Pathology - Mycology

3 years in research

Member - IPS ISMPP

Worked on the soil borne nature of *Ganoderma* wilt in coconut

R 4(34) P 2(6) O 3



SAMPATH KUMAR SN, MSc, PhD (17-02-1939)

Senior Scientist

CPCRI (RC) Hirehalli 572 168 Karnataka

Plant Pathology - Fungal and Bacterial Diseases

15 years in research

Member - ISPC, IPS

Working on the stem bleeding and *Ganoderma* wilt diseases of coconut

R (22) P (6) O (1)

SARMA NALINIKANT, MSc (Ag), PhD (01-07-1953)

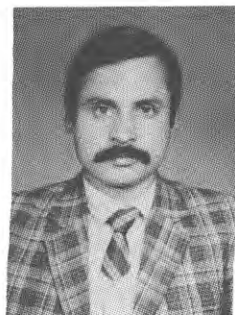
Junior Breeder

AICRP for Palms, Horticultural Research Station, Kahikuchi 781 017 Assam

Plant Breeding and Genetics

Initiated coconut breeding work and involved in establishment of palms under Assam conditions

R 1(12) P 2(19) B 1(5) O 8





SASIKALA M (Ms), MSc(Ag) (14-04-1947)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Pathology

19 years in research

Life member-ISPC

Developed a sero-diagnostic technique for early detection of root (wilt) diseased palms; worked on the association of viruses in the disease; established dodder transmission of MLO's from diseased palms to Periwinkle, *Catharanthus roseus*

R 8 P 2 B 1 O 2

SATHEESAN KV, MSc, PhD (04-10-1951)

(Research Scholar, CPCRI, Kasaragod 671 124 Kerala)

Senior Scientist, CWRDM, Kunnamangalam, Kozhikode 673 571 Kerala

Crop Physiology

5 years in research

Member - ISPC; Joint Secretary (1991) - ISS

Worked on production physiology of coconut and coconut based cropping systems; studied the seasonal variations in the microclimate in coconut gardens and its influence on the productivity of intercrops

R 14(26)



SATHIAMMA B (Ms), MSc (22-03-1939)

Senior Scientist

CPCRI (RS) Kayangulam 690 533 Kerala

Entomology - Pest Management

26 years in research

Life member - ISPC, AAE; Member - Acarological Society of India

Worked on the insect and mite pests of coconut and recorded three new mites; evolved chemical control of *Oryctes rhinoceros*, *Opisina arenosella*, *Stephanitis typica*; studied biological suppression of phytophagous mites

R 26(40) - P 8(9) O 2

SATYABALAN K, BA MSc (Ag) (11-04-1921)

(Retd. Project Co-ordinator (Palms), CPCRI, Kasaragod 671 124 Kerala)

Anandavilasam, North Parur 683 513 Kerala

Plant Breeding - Cytogenetics

31 years in research

Deputed to work as Senior Scientific Officer in Fiji for two years (1971-72); Recipient of Merit Award of ICAR in 1961; Emeritus Scientist of ICAR (1981-83); Honoured by KAU for outstanding work in coconut in 1988; Recipient of Dr. C.S. Venkataram Award in 1990

Associated in the evaluation and identification of promising cultivars for cultivation; identified prepotent WCT based on progeny performance; conducted correlation studies between seedling and adult palm characters; identified superior parental combinations in the production of hybrids

R 47 P 21



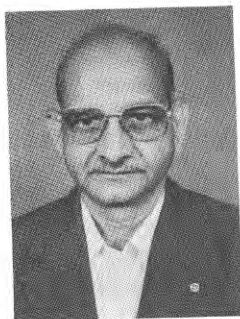


SATHYAMOORTHI K, MSc(Ag) (07-07-1959)

Assistant Professor
CRS (TNAU), Veppankulam 614 906 T N
Agronomy
One year in research
Maintaining farm and conducting agronomic trials
R (2) P 5

SAYED AM MOHAMED, MSc, PhD (03-11-1945)

Scientist
CPCRI (RC), Kannara, Thrissur 680 652 Kerala
Genetics and Plant Breeding
3 years in research
Life member – ISPC
Studied the cytological aspects of various populations and irradiated material of coconut
R 1(8)



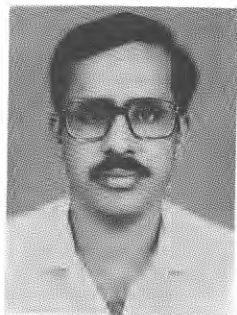
SHANTHAPPA PB, BSc (12-06-1932)

Agronomist I/C.
ARS, P.B. No 40, Arsikere 573 103 Karnataka
Agronomy
Life member–ISPC
21 years in research
Conducted experiments on agronomic aspects, breeding and mixed cropping of coconut; involved in transfer of technology through various media
R 8(10) P 4(8) B 1 O 1

SHARMA TVRS, MSc (03-01-1948)

Senior Scientist
CARI Port Blair 744 101 Andamans
Plant Breeding
1 year in research
Member - AnSA,ARRW, Indian Society of Vegetable Science
Working on the production of coconut hybrids in Andaman Islands
R (12)





SHIVASHANKAR S, MSc, PhD (18-05-1955)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Biochemistry–Enzymology

12 years in research

Life member and Secretary (1985-86) - ISPC

Developed rapid method of screening hybrid vigour using nitrate reductase activity; established relationship between seedling vigour and biochemical parameters; studied biochemical basis of drought tolerance; characterized the isozymes from drought tolerant/susceptible cultivars
R 16(19) P 1

SINGH GANAURI, MSc (Ag) (18-05-1945)

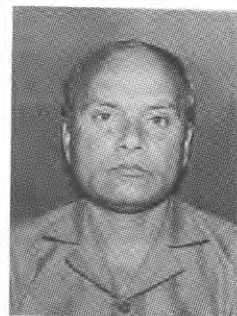
Senior Scientist

CARI, Port Blair 744 101 Andamans

Soil Science – Agricultural Chemistry

8 years in research and 9 years in development

Studied the nutritional aspects of coconut in Andaman and Nicobar Islands
R (28) P 10(71) B 2



SINGH JASWANT, PhD (01-12-1951)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)

Senior Scientist, CIAE, Nabibagh, Bhopal M P

Agricultural Structure & Process Engineering– Post Harvest Technology

3 years in research

Life member-ISPC, ISAE; Member-AFST, ISCA, ISOR

Associated in the development of coconut husking machine, solar copra dryer, mechanical copra dryer and improved tray type mechanical dryer; standardized a method of copra making through wet heat treatment of husked coconuts

R 8(53) P 4(10) B (1) O 5

SINGH VIJAY, MSc, PhD (14-11-1946)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)

Senior Scientist, Directorate of Oilseeds Research, Rajendranagar, Hyderabad 500 030 A P

Entomology - Insect Physiology

10 years in research

Life member - ESI, ISOR Indian Society for the Advancement of Insect Science, Member - ISPC, AAE

Investigated the insect and mammalian pest complex in coconut-based high density multispecies cropping system; studied the role of honey bees as pollinators in coconut

Published several papers





SIVARAMAN K, MSc (Ag) (05-07-1954)

Senior Scientist (Scientist, CPCRI, Kasaragod 671 124 Kerala)

NRC for Spices, Kozhikode 673 012 Kerala

Agronomy

5 years in research

Member - ISPC, ISA, ISSS, ASA

Worked on the nutritional levels, cropping systems and mixed farming systems in coconut

R 4(16) P (3)

SOLOMON JJ, MSc, PhD (29-03-1943)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Pathology - Plant Virology - Mycoplasmaology

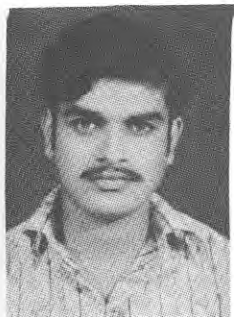
15 years in research

Received training, in Electron Microscopy at Carl Zeiss Lab. Germany (1983) and advanced training in EM and virology at several Agricultural Research Institutes of UK for two months (1984-85)

Life member - ISPC

Developed a sero-diagnostic test for the early detection of the root (wilt) disease; identified the presence of MLO's in coconut palms affected by root (wilt) disease; contributed to the establishment of MLO etiology for root (wilt) disease

R 14 P 5 B 4 O 1



SOMASHEKAR RK, MSc, PhD (10-08-1955)

Assistant Professor of Botany

Bangalore University, Bangalore, Karnataka

Environmental Biology - Ecology

3 years in research

Recipient of Commonwealth Fellowship (Univ. Durham, England)

Studied the influence of heavy metals on the growth and physiology of coconut

R 2(80) P 3



SOSAMMA VARGHESE K (Ms), MSc, PhD (06-08-1947)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Nematology

18 years in research

Life member - ISP; Councillor (South Zone) - NSI; Member- Afro-Asian Society of Nematologists

Conducted survey of burrowing nematode (*Radopholus similis*) on coconut, its seasonal fluctuation and recorded hosts of the nematode; proved the pathogenicity of the nematode on coconut and cultured it on carrot discs and coconut mesocarp; studied the effect of biocontrol agents *Poecilomyces lilacinus* and *Pasteuria penetrans* on nematodes
R 32(48) P 4 O 1(2)

SRINIVASAN N, MSc (Ag), PhD (10-01-1950)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

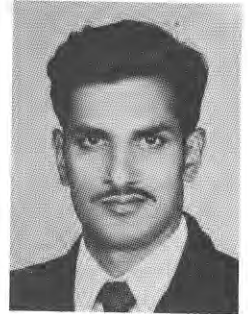
Plant Pathology

8 years in research

Member - IPS

Worked on the culturing of MLO's associated with root (wilt) disease; studied inter- relationship between root (wilt) and leaf rot diseases

R 3(34) P (2)



SRIRAMARAO T, MSc(Ag) (02-08-1929)

(Retd. Horticulturist, APAU, Hyderabad A P)

Srinivas, 3rd Line, Panduranganagar, Guntur 522 034 A P

Horticulture - Breeding - Agronomy

15 years in research and 1 year in development

Associated in evolving high yielding ECT x GB hybrids; developed high density multispecies cropping system in coconut gardens of Andhra Pradesh; evolved package of practices for maximization of yield, produced high yielding pedigree coconut seedlings

R 12(18) P 9(20) B (2) O 2(10)



SUJATHA A (Ms), MSc (Ag) (16-05-1960)

Assistant Entomologist

ARS (APAU), Ambajipeta 533 2214 A P

Entomology - Economic Entomology

5 years in research

Conducted survey and confirmed the occurrence of baculovirus in *Oryctes rhinoceros* in East and West Godavari districts of Andhra Pradesh; engaged in biological control of *Opisina arenosella*

R (3) P 8

SUKUMARAN AS, MSc (23-01-1946)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Extension-Entomology

17 Years in research

Member-ISPC

Involved in organizing training courses, Lab to Land and Operational Research Projects, research-cum-demonstration plots; engaged in farm visits and technical advice

R 6 P 3 O 10



SUKAMARAN CK, MSc (Ag) (23-10-1926)

(Retd Senior Scientist, CPCRI, Kasaragod 671 124, Kerala)

Cheriyapadath House, Cherai P.O. 683 514 Kerala

Genetics and Plant Breeding

28 years in research

Member - ISPC

Contributed to the field of biometric and genetical analysis; evolved criteria for the identification of prepotent palms and isolation of homozygous and heterozygous palms in Tall and Dwarf coconut; studied colour characterization and heterosis

R 15 P 3 O 1

SUMATHYKUTTYAMMA B (Ms), MSc (08-10-1937)

Senior Scientist

CPCRI (RS), Kayangulam 690 533 Kerala

Plant Physiology

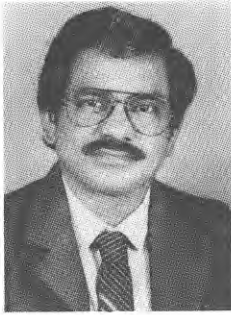
31 years in research

Life member - ISPC, ISPP

Studied physiology of seed germination; conducted studies on biochemical factors and root regeneration in root (wilt) diseased palms; worked on stress physiology and cropping systems in coconut

R 24 P 7





SUNDARARAJU P, MSc, PhD (20-04-1951)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Nematology

Recipient of Dr.C.S. Venkataram Memorial Award for best research paper in JPC (1987-88)

16 years in research

Life member and Treasurer (1985-86) -- ISPC, NSI

Reported the widespread occurrence of burrowing nematode (*Radopholus similis*) in coconut-based cropping systems; worked out schedule of nematode control measures in coconut seedlings

R 7(35) P 3

SURESH S, MSc, PhD (17-08-1939)

Professor of Breeding

CRS, Veppankulam 614 906 T N

Genetics and Plant Breeding

1 year in research

Currently engaged in developing and evaluating coconut hybrids

R (23) B (17)



THAMPAN PK, MSc (Ag) (10-04-1933)

(Retd. Chief Coconut Development Officer, CDB, Kochi 682 011 Kerala)

MTG 141, Gandhi Nagar, Kochi 682 010 Kerala

Agronomy

1 year in research and 22 years in development

Represented India on the Technical Panel of APCC

Responsible for the formulation and implementation of national programmes on coconut development; instrumental in establishing hybrid seed gardens in different states, promoting technological research and in opening a network of marketing outlets

P 35(50) B 8(12) O 7(10)

THANKAMMA PILLAI PK (Ms), MSc (Ag) (02-06-1939)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)

Senior Scientist, CPCRI, Thiruvananthapuram 695 017 Kerala

Plant Breeding

7 years in research

Member - ISPC, ISRC

Studied the meiotic behaviour in the inbred and open pollinated progenies and in a completely sterile inbred coconut palm

R 3(18) P 1(6) B (3) O (7)



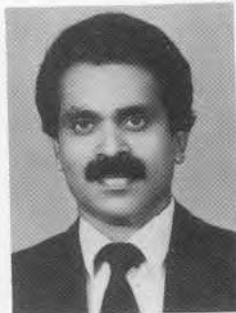


THOMAS GEORGE V, MSc, PhD (17-08-1952)

Senior Scientist
CPCRI, Kasaragod 671 124 Kerala
Microbiology - Soil Microbiology
12 years in research
Recipient of Dr C.S. Venkataram Memorial Award for best research paper
in JPC (1987-88)
Member - ISPC, AMI
Developed basin management practices with green manure in root (wilt)
diseased plots; conducted studies on biological nitrogen fixation of
Beijerinckia and *Azospirillum* in coconut and mycorrhizal association in
coconut-based cropping system
R 16(23) P 3(6)

VARADAN KM, MSc, PhD (07-07-1942)

Head of Water Management
CWRDM, Kunnamangalam, Kozhikode 673 571 Kerala
Soil Science - Water Management
12 years in research
Member - ISSS, and Indian Society of Water Resources and ISNTAB
Developed an evaporative index for coconut and quantified the moisture
depletion under coconut; studied moisture, nutrient interaction for coconut-
based cropping systems
R 12(40) P (3) O (2)



VARGHESE THOMAS, MSc (Ag) (11-07-1951)

Senior Scientist
CPCRI (RC), Pacha P.O., Palode 695 562 Kerala
Agronomy
6 years in research
Life member - ISPC
Associated in developing multiple cropping systems in coconut and its
management techniques; worked on nutritional and irrigation require-
ments of coconut
R 8(9) P 2



VEERESH GK, MSc (Ag), PhD (04-04-1934)

Director of Instruction

UAS (GKVK), Bangalore 560 065 Karnataka

Soil Biology and Ecology - Termites and White Grubs

Recipient of UAS Award for outstanding work in Entomology (1981) and

Hooker Award for work on white grubs (1982)

Chairman - IUBS Commission on Social Insects (1986-90), 10th International Soil Zoology Colloquium (1988) and 11th International Congress of IUSSI (1990); President - IUSSI (1986-90)

Chief Editor - Journal of Soil Biology and Ecology; Member - ESA and several others

Worked on the white grub and leaf eating caterpillar pests of coconut; found out the effective and economic control measures against white grubs

R (107) B (7) O (33)

VIDHAN SINGH T, MTech (08-12-1961)

Scientist

CPCRI, Kasaragod 671 124 Kerala

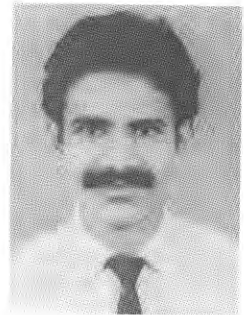
Agricultural Engineering-Farm Machinery and Power Engineering

1 year in research

Associate member - Institution of Engineers (India)

Engaged in the design and development of fish pond under mixed farming in coconut garden; studied the movement distribution throughout the power tiller frame due to static loading

R (2)



VIDYASAGAR PSPV, MSc, PhD (15-07-1948)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Entomology - Pest Management- Insect Physiology

4 years in research

Life member - AAE; Member - ISPC; Councillor - Applied Zoologists Research Association; Associate Editor - Indian Journal of Zoology

Conducting investigations on the biology, ecology and management of scale insects white grubs and rodent pests; involved in the control of insect and rodent pests in component crops of various coconut based cropping systems

R 2(23) P 3(6) B (1) O (2)



VIJAYAKUMAR K, MSc (14-01-1946)

Scientist
CPCRI, Kasaragod 671 124 Kerala
Agricultural Statistics - Design of Experiments
12 years in research

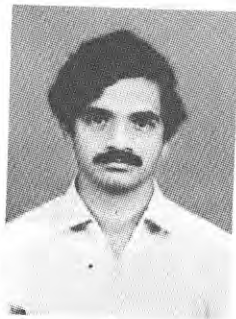
Member and Treasurer (1981-1982) - ISPC
Associated in evolving a method of forecasting coconut yield using weather parameters; evolved a technique for identification of future good yielders based on seedling characters; evaluated LER and yield advantages in coconut-based cropping system; associated in developing a technique for the estimation of leaf eating caterpillar population
R 13(25) O (2)

VIJAYARAGHAVAN H, MSc (16-05-1959)

Assistant Professor
(CRS NAUT, Veppankulam 614 906 T N)
Sugarcane Research Station, Sirugamani 639 115 T N
Crop Physiology - Nutrition
5 years in research

Recipient of the Young Scientist Award for 1988
Life member - ISPP

Studied zinc nutrition, beneficial effects of *Desmodium* in coconut gardens; evaluated biochemical changes in Thanjavur wilt disease affected palms and developed early diagnostic technique for the disease syndrome
R 10(15) P 20(30) B 1



VIRAKTAMATH BC, MSc (Ag), PhD (20-05-1952)

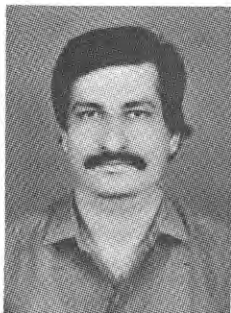
Senior Scientist
CPCRI, Kasaragod 671 124 Kerala
Genetics and Plant Breeding
6 years in research

Gold Medalist for ranks in BSc(Ag) and MSc(Ag) from UAS, Bangalore; participated in the FAO (IBPGR) training course on Coconut Genetic Resources held in the Philippines (1990)

Member and Secretary (1991-92) - ISPC, ARRW

Evaluated the performance of coconut varieties in mangrove soils; conducted inter and mixed cropping trials in coconut gardens in Andamans; involved in the initial establishment of WCGC in Andamans; engaged in the conservation and evaluation of coconut germplasm

R (8) P (5)





VISALAKSHI A (Ms), MSc (Ag), PhD (18-04-1939)

Professor of Entomology
 College of Agriculture, KAU , Vellayani, Thiruvananthapuram , Kerala
 Agricultural Entomology - Insect Toxicology
 10 years in research
 Member, Board of studies of Annamalai University
 Fellow – ESI; Academy of Environmental Biology and several others
 Studied the adverse effects of insecticides on the biocontrol agents of coconut pests; conducted survey on the incidence of coreid bug and mealy bug pests of coconut; recommended control schedule for coreid bugs and rhinoceros beetle
 R 9(130) P 2(25) O 2(5)

VOLETI SR, MSc (18-12-1958)

(Scientist, CPCRI, Kasaragod 671 124 Kerala)
 Central Rice Research Institute, Cuttack 753 006 Orissa
 Plant Physiology - Stress Physiology
 4 years in research
 Member - PPBS, ISCA
 Worked on drought tolerance in coconut genotypes
 R 6 P (1)



WAHID PA, MSc (Ag), PhD (10-06-1946)

Professor
 Radiotracer Lab, College of Horticulture , Vellanikkara, Thrissur 680 654 Kerala
 Soil Science – Agricultural Chemistry
 21 years in research
 Recipient of Dr. C S Venkataram Memorial Award for the best research paper in JPC (1988-90)
 Life member - ISPC; Member-Executive Council and Editorial Board of ISNTAB
 Studied the mineral nutrition of plantation crops; evaluated pesticide pollution of agricultural ecosystems; demonstrated the instantaneous degradation of applied organophosphates in flooded soils; studied the nutrient dynamics, root activity pattern using isotope methods
 R 23(61) P (2) B (2)



YADAV DN, MSc (Ag), PhD (11-09-1946)

Research Scientist
 AICRP on Biocontrol, GAU, Anand 388 110 Gujarat
 Entomology - Biological Control
 5 years in research
 Recipient of Prof. JP Trivedi Award sponsored by Hari Om Ashram Trust for 1983-84; Member of the Task Force on the Biological Control, DBT, New Delhi
 Life member - ISBA
 Developed the methods of biocontrol of coconut pests
 R 2(70) P (3)





YUSUF MOHAMMAD, MSc(Ag), PhD (09-07-1942)

Senior Scientist

CPCRI, Kasaragod 671 124 Kerala

Agronomy - Soil and Water Management

6 years in research

Life member - ISPC, ISA

Associated in studies on water requirement of coconut and frequency of irrigation for higher production; developed suitable method of drip irrigation for the efficient and economic use of water; demonstrated the beneficial effects of proper management to achieve higher productivity in coconut

R 6(18) P 3(5) B 1 O 4

ZAHERUDEEN SM, MSc (Ag), PhD (01-07-1947)

Entomologist

ARS (APAU), Ambajipeta 533 214 A P

Entomology - Insect Ecology

1 year in research

Member and Councillor – ARRW

Working on inoculation of host specific pupal parasitoids of coconut leaf eating caterpillar

R (19) P 1(20) O (13)



INDONESIA

BILLOTTE NORBERT AS SCAGRMASER, (12-10-1962) [French]

Breeder

Balitka, RC KP4 Manado

Plant Breeding

4 years in research

Associated with breeding studies on coconut and evaluation

BONNEAU XAVIER, Ag Eng (19-12-1958) [French]

Agronomist

PT Multiagro Corp. Jalan Juanda III IA, Jakarta 10120

Agronomy

5 years in research and 2 years in development

Worked on nutritional aspects of coconut; recorded the copper and iron deficiency symptoms in coconut on peat soils in Indonesia

R (3)



BOURGOING RAYMOND, Ag Eng (07-02-1946) [French]

Agronomist

SCDP Jalan Matraman Raya, 40 13150 Jakarta

Agronomy

21 years in development

Associated with the management of coconut garden; carried out weed control measures and established the cover crops

R 4

BOUTIN DOMINIQUE, Ag Eng (15-10-1946) [French]

SCDP, Jalan Matraman Raya, 40 13150 Jakarta

Agronomy

3 years in research and 9 years in development

Involved in the cultural operations in coconut plots; studied the growth parameters like girth size in the hybrid PB-121

R 6(14)

DESMIER DE CHENON R, BSc (18-08-1938) [French]

Entomologist

PPM Pb37 Pemat Ang Siantar, Sumatera Utara

Entomology

15 years in research and 4 years in development

Worked on the insect pests and their control aspects in Indonesia by the use of viruses; studied the epidemiology and characterization of the pathogens and entomopathogenic agents of viral origin

R 9(19)

THEVENIN JEAN-MARC, Ag Eng (24-12-1964) [French]

Phytopathologist

Balitka, RC KP4, Manado, North Sulawesi

Plant Pathology

1 year in research

Initiated work on diseases of coconut under Indonesian Conditions

IVORY COAST



BOURDEIX ROLAND, PhD (20-06-1961) [French]

Breeder

IRHO Station Cocotier, Marc Delorme, 07 BP 13, Abidjan 07

Breeding-Quantitative Genetics

5 years in research and 2 years in development

Worked on methodology of breeding for coconut; involved in the improvement of techniques for controlled crossing

R 7

BRACONNIER SERGE, PhD (02-10-1959) [French]

Physiologist

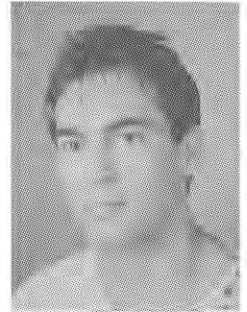
IRHO Station Cocotier, Marc Delorme, 07 BP 13, Abidjan 07

Agronomy-Drought Resistance

4 years in research

Worked on physiology of chloride nutrition and drought tolerance in coconut

R 4 (6)



DE FRANQUEVIL LE HUBERT, MSc (20-04-1953) [French]

Pathologist

IRHO Plantation, R Michaux BP8, Dabou

Phytopathology

6 year in research

Worked on the *Phytophthora* diseases and their chemical control methods

R 2(9)

FATAYE AKAMOU, Ag Eng (01-12-1956)

Entomologist

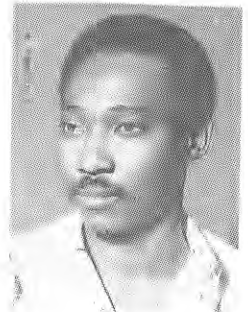
IRHO Station Cocotier, Marc Delorme, 07 BP 13, Abidjan 07

Entomology

4 years in research

Worked on coconut pests viz., *Aspidiotus*, *Pseudothraupis*, *Oryctes monoceros*, *Rhynchophorus phoenecis* and red ant *Oecophylla longinoda*

R 1



JANNOT CLAUDE, Ag Eng (04-05-1948)

IRHO, Cote D'Ivoire, O1BP 1001, Abidjan O1

Agro-Economies

3 years in research and 18 years in development

Worked on the economics of coconut cultivation and agricultural systems

NIHO YAVO PIERRE, MSc (15-10-1957)

Head of Breeding Section

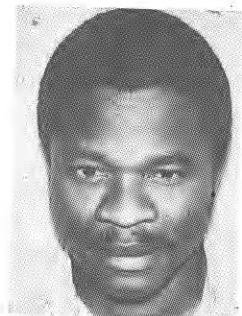
IRHO Station Cocotier, Marc Delorme, 07 BP13, Abidjan

Genetics and Plant Breeding

4 years each in research and development

Involved in the development of hybrids with higher yield potential, resistance to diseases and tolerance to environmental stress; evaluated the important coconut germplasm collection

R 3 O 6



SANGARE ALASSANE, MSc (25-12-1948)

Director

IRHO Station Cocotie, Marc Delorme, 07 BP 13, Abidjan 07

Agronomy-Breeding-Research Management

15 years in research and development

Member-Ivorian Scientific Association; General Treasurer-Ivorian Scientific Association for Agronomy

Specialised in coconut breeding, management of small holding and industrial estates.

R 13 O 5



ZAKRA ASSOULOU NICODEME, Ag Eng(02-01-1956)

Agronomist

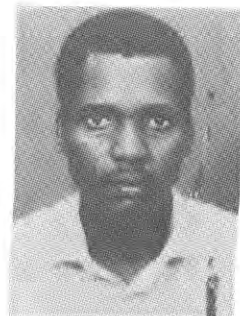
IRHO Station Cocotier, Marc Delorme, 07 BP 13, Abidjan 07

Agronomy

5 years in research and development

Conducted socio-economic studies in Moyenne Cote d'Ivoire in connection with the introduction of coconut; worked on restoration of fertility in coastal sandy soils with legumes

R 2 (3) P 1



MALAYSIA



ANNAMALAI SIVAPRAGASAM, MSc (Ag) (22-06-1954)

Research Officer

Basic Research Division, MARDI, Serdang Selangor

Entomology-Biocontrol-Ecology

3 years in research

Member- MPPS, ESA, Researches in Population Ecology (Japan) , International Organization for Biocontrol

Studied the ecology of rhinoceros beetle and evaluated insecticides as well as the fungus *Metarhizium* for its control; biology, ecology and damage of the palm weevil *Rhynchophorus schach* was investigated

R 2(28)

CHEW POI' SOON, MAgSc (17-03-1945)

Head of Agricultural Research

Applied Agricultural Research, Sdn Bhd Locked Bag 212 SG

Buluh P.O. 47000 Selangor

Agronomy-Plant Nutrition

11 years in research

Worked on the nutritional and fertilizer aspects; planned and implemented research programmes

R 8 B 1



GOH HOC SWEE, MSc (22-08-1946)

Senior Research Officer

MARDI, P.O. Box 525, 86007 Kluang Johar

Soil Science-Agronomy-Fertility

6 years in research and 19 years in development

Member-ASSS, Malaysian Soil Science Society, ASA

Worked out the nutritional requirements and performance of hybrid coconuts in island conditions; soil physical requirements, agronomy and density requirements for optimum production of hybrid coconuts has been investigated

R 4(10) P 1(3)

JALIL MOHAD NBHA, MSc, PhD (10-05-1952)

Research Officer

MARDI, Research Station, P.O. Box .25-36307 SG Sumun, Perak

Crop Physiology

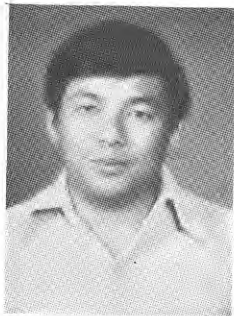
10 years in research

Member-Malaysian Society of Plant Physiology, Malaysian Society of Molecular and Cell Biology

Conducted root studies in perennial crops of Malaysia with special reference to coconut and cocoa

R 7(32)





LEE CHOON HUI, BSc (Hon), MSc (16-07-1955)

Research Officer

MARDI, Hilir Perak P.O. Box 25-36307 SG Sumun, Perak
Zoology-Entomology-Rodentology

11 years in research

Member-MPPS, Agriculture Institute of Malaysia

Advocated the use of naphthalene for the control of *Oryctes rhinoceros* besides other pesticides; identification and assessment of damage by rodent pests in coconut-cocoa gardens was carried out; established procedures for the use of available rodenticides and developed rat control methods with newer rodenticides

R 4 (25)

OUI LING HOAK, BSc (Ag) (14-10-1951)

Senior Research Officer

Applied Agricultural Research, Sdn Bhd Locked Bag 212, SG
Buluh P.O. 47000 Selangor

Breeding-Hybrid Seed Production

14 years in research

Evaluated hybrid and local coconut varieties on marine clay soils of Penin-
sular Malaysia; developed nursery techniques

R 2



TEY CHIN CHONG, PhD, DIC (12-08-1952)

Plant Pathologist

MARDI, P.O. Box 25 36307, SG Sumun

Pathology

14 years in research

Member-MPPS, British Society for Plant Pathology, British Mycological
Society

Studied occurrence, incidence, epidemiology and management of the
diseases of coconut

R 3 (33)

ZAHARI AB, PhD (05-08-1950)

Senior Research Officer

MARDI, P.O. Box 12301, 50774 Kuala Lumpur
Soil Chemistry

15 years in research

FAO Expert Consultant on management of problem soils in Asia Pacific

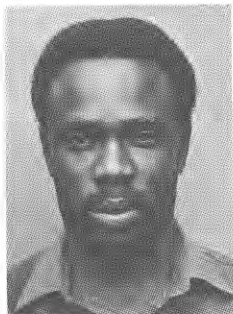
Vice Chairman(Paddy Soil Working group) ISSS

Developed a practical and low cost technology to more than double the yield
in acid tropical alluvium soil

R 5(25) B (1)



NIGERIA



AISAGBONHI CHARLES, MPhil, PhD (04-11-1953)

Assistant Chief Research Officer

NIFOR, PMB 1030, Benin City

Entomology

8 years in research

Member-Entomological Society of Nigeria

Worked on the distribution, life-cycle and field population of *Aspidiotus destructor* in Nigeria

R 4(8)

AKPAN EEJ, PG Dip, PhD (12-04-1942)

Officer-in-charge

NIFOR, Sub-Station, P.O. Box 222, Badagry

Plant Breeding and Genetics

12 years in research

Hon.Secretary-Genetics Society of Nigeria

Established coconut germplasm bank and evaluated the materials; worked for producing improved disease resistant/tolerant varieties of coconut through selection and breeding; established coconut hybrid seed garden's

R 4(5) O (1)



MGBEZE GODFREY C, MSc (31-07-1950)

Senior Research Officer

Physiology Division, NIFOR PMB 1030, Benin City

Plant Physiology-Biochemistry

8 years in research

Member-Institute of Biology, Chartered Biologist,ASN, Botanical Society of Nigeria

Determined the physiological maturity in Nigerian Dwarf Green coconuts and also the changes occurring in carbohydrates, proteins, lipids and minerals of progressively maturing coconuts; developed methods against premature nutfall using growth regulators; worked on the effects of storage on coconut germination and nitrate reductase activity

R 5(7)



OJOMO EDWARD E, MS (17-06-1950)

Assistant Chief Research Officer

Microbiology

12 years in research

Member - Nigeria Society for Microbiologists, ASN, Nigerian Society for Plant Protection

Associated with microbiological studies in coconut soils

R 1 (8) P (3)



REMISON SAMSON U, PhD (17-02-1946)

Associate Professor

Department of Agriculture, Bendel State Univ. Epoma

Agronomy

12 years in research

Vice President-ASN

Established several coconut hybrid seed gardens in Nigeria and worked on the improvement of coconut

R 12 (50)

PAPUA NEW GUINEA

MOKON JOHN, BSc, PhD (12-09-1952) [British]

Team Leader

Lass, P.O. Veravat, Rabaul

Entomology-Cash Crops-Farming Systems

10 years each in research and development

FAO consultant on Cocoa training courses

Member-Royal Entomological Society, British Ecological Society

Conducted research on pests of coconut and cocoa; involved in research on farming systems and crop diversification

R (20) P 5(20)

MANCIOT ROLAND, AgEng (04-11-1933) [French]

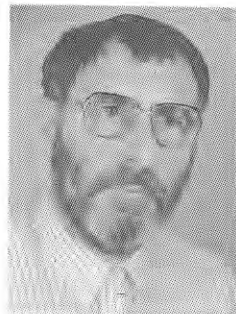
CCRI, BP 184, Rabaul

Agronomy

20 years in research and 12 years in development

Studied micronutrients in coconut and reviewed mineral nutrition and fertilization for coconut around the world

R 8 B 1



PHILIPPINES

APARRA NARCISO OQUIAS (Ms), BS(Ag) (01-01-1952)

Instructor

VISCA, Baybay, 6521A, Leyte

Agronomy –Cultural Management- Cropping Systems

10 years in research and development

Member-CSSP

Developed the technology on coconut-based cropping systems specific to Eastern Visayas; trained farmers on coconut production and intercropping

R 1 O 3

AREZA MARIA BUENA, B (Ms), BS(Ag) (14-07-1964)

Science Research Specialist

PCA -ARC Banao, Guinobatan Albay-4503

Agronomy-Plant Breeding

2 years in research

Member- PAPTC

Working on tissue culture of coconut



BAHALA ROY T, BS(Ag) (10-03-1957)

Science Research Specialist

PCA-ZRC, San Ramon, Zamboanga City

Breeding and Genetics

12 years in research

Recipient of Best Research Award (1984), Appreciation Award(1982)

Modified controlled pollination techniques; worked on control of pests

and diseases in coconut genebanks; associated in evolving PCA 15-1,

15-2 and 15-3 coconut hybrids for cultivation; involved in the conservation

of indigenous and exotic germplasm

R 12



CANO. SISINIO B, BS(Ag) (29-05-1957)

Science Research Specialist

PCA - ZRC P.O. Box 356, Zamboanga City

Crop Improvement-Coconut Breeding

12 years in research

Recipient of a fellowship from the Netherlands for training in Applied Plant

Breeding, Certificate of Recognition from PCA

Member-CSSP, Netherlands Fellows Foundation Inc. of Philippines

Involved in the collection, conservation and evaluation of germplasm; con-

ducted multilocational trial of promising coconut hybrids; rendered technical

advise on coconut production, nursery management and seedling selection

R 10



CAPUNO VILMA T (Ms), MS (15-04-1956)

University Researcher in Biotechnology

UPLB College, Laguna 4031

Organic Chemistry-Plant Physiology

3 years in research and 2 years in development

Member - CSP, PSM, PNSS, Radio-isotope Society of the Philippines, Inc

Found novel uses for *Rhizobium* polysaccharides as biotrap for heavy

metals like mercury; extracted growth regulator from coconut water and

used it as reinforcement for *Rhizobium* inoculant

R 2(6)

CHAN D FELISA (Ms), MS (25-06-1955)

Science Research Specialist

FPRDI College, Laguna

Adhesives and Gluing

2 years in development

Recipient of NSTA Outstanding Research Award(1986), Dost Outstanding

Research Award (1988), LBSC Outstanding Research Award (1988)

Member, Kapisanan ng mga Kimiko Sa Pilipinas(Los Banos Chapter)

Conducted studies on gluability of lumber from inner portions of coconut;

determined the physical and mechanical properties of the laminated products

R 1(4) P 1 O 1



CHAY PHAM BINH, PhD (20-04-1948)

Assistant Professor in Biotechnology

UPLB College, Laguna 4031

Bioprocess Engineering

8 years in research and 5 years in development

Member– National Academy of Science and Technology; Philippine Association of Microbiologists Inc

Developed enzymatic extraction of super coconut oil, coconut protein and

fiber from fresh coconut meat; process development using coconut water

in microbial propagation for yeast, certain organic/amino acids; used

coconut water for cultivation of mammalian cell cultures for vaccines,

monoclonal antibody and medicines

R 6(28) P 4(26)

DALMACIO IDA FANCIALAN (Ms), MS (23-12-1949)

Associate Professor & Director
Biotechnology UPLB, Laguna
Food Science and Microbiology

5 years each in research and development

Distinguished teacher award in Biological Science UPLB, (1981); Best paper Award by PSM(1984, 1988, 1989); Outstanding Young Scientist (TOYS) Award in Food Microbiology given by NAST(1986); U.P. Diamond Jubilee Professorial Chair (1986, 1987).

Member - SAR, PSBS, PNSS(Secretary 1985-86), PSM(Board of Directors 1977-1978), Editor - PSM News letter (1977-78), Secretary of PSM (1980-81), Member Philippines Phytopathology

Contributed to the solution of aflatoxin problem in both food and feed industry; conducted basic studies on aflatoxin producing *Aspergillus flavus* and its control

R 6(23) P (9) O 6(31)



DEPEDRO LORENZA B (Ms), MS (11-09-1951)

Associate Professor

Plant Protection Department, VISCA, Baybay, Leyte 6521-A
Plant Protection-Economic Entomology

10 years in research

Recipient of Awards for good teaching performance(1981) and Research Award(1987)

Member-PAE, Weed Science Society of the Philippines

Conducted research on coconut and acted as resource person in trainings, workshops and symposia

R 5(13) P 2



EBERT ANDREAS W, PhD (14-03-1950)

Chief Technical Adviser

PCA-ARC, Banao Guinobatan, Albay 4503

Plant Physiology-Tissue Culture

2 years in research

Member-International Society for Horticulture Science, American Society for Horticulture Science, IAPTC, PAPTIC

R 2(49) P (15) O (3)





ERNESTO DEL ROSARIO J, PhD (12-03-1943)

Professor

Institute of Chemistry, UPLB, Laguna
Physiological Chemistry, Biotechnology
17 years in research

Recipient of achievement Award (1987) NRCP Division of Chemical Sciences, Outstanding UPLB Researcher (1987) ,Outstanding UP system Researcher 1988

Developed technologies for utilization of waste coconut water for production of food yeast and reverse osmosis concentrate, evolved technologies for production of cellulase, xylanase and amylase and their use in hydrolysis of cellulose and starchy materials

R 22 (80) P 1(2)

ESCOLANO EUGENIA U (Ms), BS (02-06-1928)

Senior Science Research Specialist

FPRDI College, Laguna 4031

Wood Chemistry-Cellulose Derivatives

3 years in research

Recipient of two awards for outstanding papers and 4 awards for meritorious services to FPRDI

Member of seven scientific societies

Worked in the cellulose derivatives of coconut

R 3(28)



ESCOLANO JAIME O, BS (Chem Eng) (24-11-1922)

Retired Chief Science Research Specialist

UPLB College, Laguna

Chemical Engineering-Pulp and Paper Technology

6 years in research

Recipient of 5 awards for outstanding research papers.; 5 awards for exemplary accomplishments in wood utilization research; 3 invention patents approved

Director and Vice President for Technical affairs, Philippines Standards Association; Member of nine other scientific/Technical organisations.

Worked on the development of paper and paper boards

R 6 (81)



ESPIROY ENRIQUE JR B, BSc, EDIC (13-08-1936)

Supervising Science Research Specialist
FPRDI College, Laguna 4031
Timber Engineering-Mechanical Properties
7 years in research and 2 years in development
Recipient of Best Research Paper Award by PFRS
Member-PNSS, PFRS
Conceptualized strength grouping of timber species including coconut
R 5 (30)

ESPIROY ZENITA BASIO (Ms), MS (30-08-1938)

Senior Science Research Specialist
FPRDI College, Laguna 4031
Minor Forest Products
7 years in research
Member-PFRS, PNSS
Conducted research on non-timber forest products such as palms; provided technical advise on wood based industries
R 2(25)



FRANCIA PURITA C, MS (06-02-1931)

Senior Science Research Specialist
FPRDI College, Laguna 4031
Forest Utilization-Cellulose Derivatives
6 years in research and 2 years in development
Recipient of Research Chair Award(1987) from Forest Products Research Foundation; Most Outstanding Alumini Award (1982) from UPLB; Outstanding Research Award from PFRS (1976) ; National Science Award of Merit(1974)
Member -Philippine Standard Association, NRC of Philippines, PFRS
Conducted Research on cellulose derivatives like euproammonium rayon from coconut trunk
R 2(37) P 12 O 1(12)



GALLEGO CYNTHYIA ELOJA (Ms), MS (09-05-1956)

Science Research Specialist
PCA, Davao Research Centre P.O. Box 295, Davao city
Entomology- Biological Control
13 years in research
Recipient of Recognition Award (1980) and Recognition Award for the best paper (1988)
Member - PAE
Conducted studies on the coconut spike moth in newly bearing palms and its natural enemies; standardized laboratory rearing of *Apanteles tirathabae* and introduced parasitoid *Argyrophylox basifulva* and sucessfully field released against spike moth; laboratory testing of *Beauveria bassiana* against spike moth was attempted
R 9(10) P 1





GUY BERNARD, MS (13-04-1935)

Agronomist

PCA - RRD, Los Banos, Laguna

Agronomy

14 years in research and 7 years in development

Studied the origin, precocity, production and adaptation to pests and diseases of the hybrid PB 132 and PB 213

R 5(13)

JOHANA ORENSE (Ms), Bs(Ag) (22-08-1961)

Science Research Specialist

PCA-ARC, Banao Guinobatan, Albay 4503

Entomology-Vector Transmission

6 years in research

Member U.P. Entomological Society, Philippines

Working on epidemiology of the Cadang-Cadang disease of coconut and studying natural mode of its spread through insects, mites, pollen and seed

R 7



MAGAT SEVERINO S, PhD (11-02-1946)

Research Manager

PCA, Diliman, Quezon City

Soil Science-Agronomy-Soil Fertility-Nutrition

18 years in research

Recipient of Achievement Award in Research(1987) and Best Paper Award by CSSP

Member - Executive Committee of BUROTROP, New Zealand Soil Science Society, CSSP, Society of the Advancement of Research

Developed the foliar diagnosis as a tool for recommending fertilizers to coconut and component crops, demonstrated the use of NaCl as fertilizer; worked on chlorine requirement of coconuts from nursery to full bearing

R 3(18) P 9 B 1 O 4



MAMARIL JUANITA C (Ms), MS (01-01-1932)

Associate Professor in Biotechnology

UPLB College, Laguna 4031

Biochemistry

8 years in research and 5 years in development

Life Member - CSP, PSM, PAAS, CSSP, PBS; Member-ACS,PNSS,

Pioneered the utilization of coconut water as growth medium for *Rhizobium* and *Azospirillum* and for production of polysaccharides and plant growth hormones

R 7(16) P 5 O 8(24)



MOSTEIRO ARNALDO PRIVADO, MSc (12-12-1936)

Supervising Science Research Specialist

FPRDI College, Laguna 4031

Forest Products-Coconut Wood Processing

20 years in research and development

Recipient of Diploma of Recognition awarded by World Cultural Council for Illustrious Scientific career and Work of Benefit to Mankind

Member-PNSS, PAAS

Pioneered research on processing of senile coconut stem for various industrial products such as fence posts, power/communications poles, house components, furniture, novelty products etc.

R 16(21)

NUNEZ TESSIE C, MS (29-10-1953)

Instructor

RCRC, VISCA, Baybay, Leyte 6521A

Plant Breeding

8 years in research

Member-CSSP

Contributed to the production of coconut hybrids in the Philippines

R 2



ORENSE OSMUNDO D, BS(Ag), (04-12-1959)

Science Research Specialist

PCA-ARC, Banao Guinobatan, Albay 4503

Entomology - Plant Tissue Culture

2 years in research

Member-PAPTC

Working on clonal propagation of coconut using embryo and inflorescence tissues as explants, conducting *in vitro* hardening of aseptically grown coconut seedlings

PADOLINA WILLIAM G, PhD (19-11-1946)

Professor of Chemistry

UPLB, Laguna

Chemistry

15 years in research and 10 years in development

Pantas Award 1989 (PCARRD) Outstanding Administrator Award (UP)

Preparation and utilization of coconut fatty alkyl and glyceryl ether; studies on storage of coconut oil; field studies on monitoring parameter for coconut oil: diesel mixture; biomethanation of coconut coir dust

R 8(22)





PALOMA MA BELEN F, (Ms) BS(Ag) (16-12-1959)
Senior Research Specialist
PCA-ARC, Banao Guinobatan, Albay 4503
Plant Pathology-Tissue Culture
3 years in research
Member – PAPTC
Working on tissue culture of coconut
R 1

PALOMAR ROLENDIO N, MS (14-03-1945)

Division Chief

PCA, Zamboanga City, P.O.Box 356

Wood Technology-Coconut Wood Utilization

16 years in research

Recipient of Best Paper Award (1989); Consultant under FAO's Technical Co-operation Programme in Coconut utilization (1985-1986)

Member and Chapter President (1989-91) Philippine Society of Agricultural Engineers

Developed preservation techniques and treatment schedules for utilizing coconut wood for furniture, low cost house and electric transmission poles
R 12



PASCUAL NERELITO P, PhD (24-9-1944)

Professor & Director

RCRC, VISCA, Baybay, Leyte 6521A

Agricultural Economics

6 years each in research and development

Member of the National Coconut Research Development Team since 1987

Worked on the socioeconomics of coconut based cropping system
R 2(9) P 2

RODRIGUEZ MARIA JUDITH (Ms), (02-06-1954)

Division Chief III

PCA-ARC, Banao Guinobatan, Albay 4503

Virology-Biochemistry

11 years in research

Best Researcher Award by PCA(1983)

Member- Association of Applied Biologists; Philippine Phytopathological Society Inc., Society for General Microbiology

Collaborated with scientists of Waite Agricultural Research Institute, South Australia, in Cadang-Cadang viroid(CCCVd) investigation; standardized diagnostic techniques (electrophoretic assay and molecular hybridization using radio active probe), biochemical characterization of variants of CCCVd, resistance screening and identification of collateral hosts
R 4(5) O 7





RILLO ERLINDA P (Ms), MS (21-02-1943)

Division Chief

PCA- ARC, Banao Guinobatan, Albay 4503

Plant Pathology-Tissue Culture

26 years in research

Model employee in Research (1975)

Life Member-Plant Pathological Society of the Philippines

Worked on the tissue culture to perfect the technology of cloning coconut palm and also standardized the method of embryo culture

R 11(14) P 2 O 3

ROJO JUSTO P, D Phil (27-12-1935)

Chief Science Research Specialist

FPRDI College, Laguna 4031

Plant Taxonomy-Dendrology-Anatomy

5 years in research

Recognised as Outstanding Alumnus in Forestry Research (1985); Research

Chairholder for Plant Taxonomy and Dendrology (1988-'89),

Member and Vice President (1986) PFRS , PNSS

Co-ordinated and compiled a book on R&D results on coconut stem utilization in Philippines

R 3(23) P 1(12) B 1(2)



ROSARIO GENATO (Ms), BS (07-10-1946)

Senior Science Research Specialist

CTTS-RTID Industrial Technology Development Institute, Pedro Gil St
Manila P.O Box 774

Food Processing and Analysis, Technology Transfer and Mushroom Culture

Recipient of Third Prize in Creative Research Category (1984), National Inventors' week contest, Philtrade

Member-PAFT

Worked on development of food products from coconuts, diary type coconut milk and allied products

R 8(10) O (5)

SANCHEZ PRISCILLA C (Ms), PhD (08-07-1936)

Professor

IFST-UPLB College, Laguna

Food Microbiology-Biotechnology

15 years in research and 9 years in development

Worked on utilization of coconut milk as a substitute for diary milk in the preparation of softcheese, yoghurt and cultured milk; developed technology fore dehydrated edible coconut meat, processing of coconut champagne from water of mature nuts

R 25(72) P 10(36) O 6(10)





SANGALANG JUANITO B, PhD (23-06-1954)

Assistant Professor
Department of Horticulture
UPLB, Laguna 4031
10 years in research

Member and Secretary CSSP

Determined the influence of coconut cultivars and palm characters on the degrees of sunlight reduction under the canopy
R 4(6) P 2

SANICO ROLINDA T, PhD (25-11-1946)

Professor

VISCA, Baybay, Leyte,
Agronomy-Weed Science
7 Years in research

Member in Philippine Sigma Biological Honer Society, Gamma Sigma Delta Honer Society of Agriculture, Weed Science Society of the Philippines.

Associated with the management of coconut garden and control of weeds
R 1(24) P 6



SANTIAGO REBECCA M, PhD (10-10-1945)

Professor

VISCA, Baybay, Leyte
Crop Physiology

5 years in research and 10 years in development

Generated research data for the formulation of production technologies
R 2(7)

TRINIDAD LORELE C, MS (27-08-1959)

University Researcher in Biotechnology
UPLB College, Laguna 4031
Microbiology-Biochemistry

8 years in research and 5 years in development

Member- PSM, CSP, NRCP

Studied the utilization of coconut water as growth medium for *Rhizoibum* and *Azospirillum*, extraction and characterization of growth hormones from coconut water; conducted studies on genetic engineering of asymbiotic nitrogen fixing bacteria, specifically involving the uptake of hydro-genasegenes

R 5(11)



TUYEN NGUYEN THI THANH (Ms), PhD (01-01-1951)[Vietnamese]

Associate Professor

VISCA, Leyte 6521-A

Plant Physiology-Tissue Culture

12 years in research

Recipient of Outstanding Research Project Award on Embryo and Tissue Culture of Coconut by Regional R & D Symposium (1989)

Member-PAPTC, IAPTC

Standardized the methods of anther and pollen culture; documented the ontogeny of coconut pollen embryoid; established a complete process of plant regeneration through somatic embryogenesis from cultural zygotic developed embryos; developed procedure from high frequency callus initiation

R 7(15) O 1

VELASCO JOSE R, BS(Ag) PhD (04-02-1916)

Professor Emeritus

Institute of Biological Sciences, UPLB College, Laguna

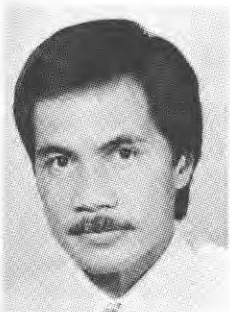
Plant Physiology - Agricultural Chemistry

37 years in research

Member -National Academy of Science & Technology of Philippines, Distinguished Alumnus, University of Philippines, President (1974-76)- PAAS

Found the Cadang-Cadang disease in Bicol caused by rare earth elements (lanthanides)

R 67 P 16 B 2



VILLANUEVA MARIANITO R, (12-02-1944)

President & Professor

VISCA, Loudes St, Pasay City

Agronomy-Physiology

3 years in research and 6 years in development

Recipient of Research Management Award

Secretary-International Society for Tropical Root Crops; President -CSSP

Contributed to crop production management, farming systems, coconut based cropping systems, research, management and technology dissemination

R 32



ZEPAGAN MATEO B, MS (22-04-1963)

Science Research Specialist

PCA-ARC, Banao Guinobatan, Albay 4503

Systematics–Ecology, Biological Control

3 years in research

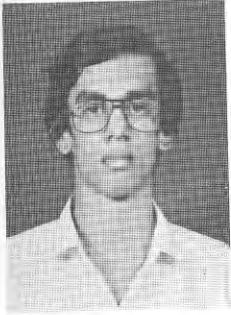
Member Philippine Association of Entomologists, Haribon Foundation.

Associated with studies on the biological control of coconut pests in

Philippines and studied the ecological conditions

R 4

SRI LANKA

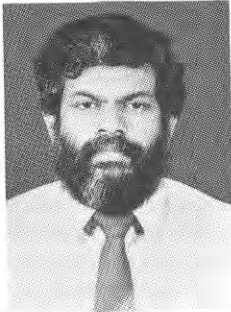


DASSANAYAKE KB, BSc (Ag) (18-06-1961)

Assistant Agronomist
CRI, Lunuwila
Agronomy-Farming Systems
5 years in research
Member-SLAAS, National Agricultural Society of Sri Lanka, Institute of Biology
Associated in the development of coconut based crop and farm models suitable for different agro-climatic zones and different sizes of holdings in major coconut growing areas of Sri Lanka
R 5

DE SILVA SUMITH MAHDE, (23-09-1942)

Director
Planning Ministry, Coconut Industries 320 T.B. Jayah Mawatha; Colombo 10
Agricultural Economics
15 years in research and 20 years in development
Researched extensively on economic aspects of coconut in general and high yielding varieties of coconut in particular; formulated a model for replacement of senile coconut palms in small holdings in Sri Lanka and testing in the field
R 16 B 2 O 29



EVERARD JMDT, MSc (21-12-1953)

Assistant Geneticist
CRI, Lunuwila
Plant Breeding and Genetics
2 years in research
Member-SLAAS
Conducted trials to evaluate inter and intra - varietal hybrids for high as well as low input farmers; standardized polybag nursery techniques; conducted nursery studies to identify seedling characters useful for breeding for drought tolerance
R (5) P (1)

FERNANDO MTN, BSc (Ag) (16-05-1963)

Assistant Economist
CRI, Lunuwila
Agricultural Economics-Production Economics
2 years in research
Member-SLAAS, Sri Lanka Agricultural Extension Association, National Agricultural Society of Sri Lanka
Worked for the development of economically viable coconut based crop and farm models for different agro-climatic zones and holding sizes in major coconut growing areas in Sri Lanka



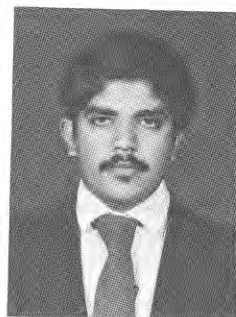


FERNANDO SHYAMA CELINE (Ms), MSc(Hon) (22-09-1964)

Assistant Botanist
CRI, Lunuwila
Plant Tissue Culture
1 year in research
Member-SLAAS
Conducting experiments on clonal propagation and embryo culture of coconut

GUNASEKERA TGLG, BSc (Ag) (06-03-1957)

Assistant Agronomist
CRI, Lunuwila
Environmental Physiology
6 years in research
Member-SLAAS, Institute of Biology
Conducting studies on physiological aspects of weed species prevalent in coconut plantations in Sri Lanka
R 5 P 5(6)



JAGANATHAN MUTTIAH, BSc , MPhil (23-06-1932)

Senior Research Officer
CRI, Lunuwila
Chemistry-Soil Fertility and Nutrition
21 years in research and 12 years in development
Member of the drafting committee of the Sri Lanka standard Institution on coconut products and fertilizers
President (1989) – SLAAS (Section 'B'); Member and President (1991)–Soil Science Society (SL), Institute of Chemistry (SL), Institute of Biology;
Standardized leaf sampling procedures and tentative leaf composition standards; carried out studies by balance sheet approach and showed the necessity of adequate fertilizer application for exploiting the potential of hybrids; studied K-Mg interaction in coconut nutrition and the use of nut water analysis as an additional tool in the interpretation of nutritional responses R 10 (12) P 1



JAYASEKARA CHITRANGANI (Ms), PhD (29-04-1951)

Head of Plant Physiology
CRI, Lunuwila
Physiology - Water Relations-Nutrition-Photosynthesis
13 years in research
Member- SLAAS
Studied the photosynthetic characteristics in coconut varieties under water stress; developed screening method for drought tolerance in high yielders, evolved techniques for growth measurement in adult palms and raising seedlings in polybags
R 2





JAYASEKARA KODITHUWAKKU SUNIL, BSc (Hons) (06.04.1953)

Soil Scientist

CRI, Lunuwila

Soil Physics

13 years in research

Recipient of Agricultural Research Project Award for fabrication of coconut climber

Life Member & Secretary (1991)- Institute of Chemistry, Soil Science Society of Sri Lanka

Established the present nutritional order of priority for adult coconut as K, Mg N, P; introduced fertilizer packages in small holders and large estates based on leaf/soil nutrient level; designed and installed a low-cost gravity flow drip - irrigation

R 12

KARUNARATNE SEETHA (Ms), MSc (06-08-1946)

Head of Tissue Culture Division

CRI, Lunuwila

Plant Tissue Culture

13 years in research

Member-SLAAS

Developed *in vitro* technologies to facilitate germplasm collection and exchange; studied somatic embryogenesis from vegetative tissues of coconut; developed a plausible *in vitro* technique for drought screening of coconut germplasm

R 7(11) P 1(2)



KOVOORA ARIES, DSc (03-03-1927)

Retd. Director of Research, CNRS (France)

Senior Fellow, IFS Hanatana RD Kandy

Plant Cell Biology

14 years in research

Recipient of Lemon Prize from the French Academy of Sciences;

Visiting Professor of University of Havana (Cuba); FAO consultant

Member in several scientific societies

Studied phytohormones and the molecular biology of plant tissue cultures and also induction of tumorous transformations in plant cells by DNA; investigated phylogeny of palms based on homology of plastid DNA; worked on field explanting of zygotic embryos of woody species including coconut for germplasm collection

R 7 (68)



LIYANAGE M DES, PhD

Head of Agronomy Division
CRI, Lunuwila
Agronomy
17 years in research

Worked on inter-cropping, mixed - cropping and mixed - farming in coconut gardens; introduced alley-cropping concept to encourage replanting of coconuts particularly in dry areas; conducted studies with coir dust for moisture conservation

R 15(23)

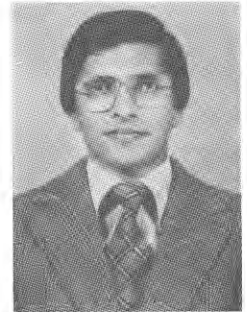
MAHINDAPALA RANJITH, PhD (27-08-1948)

Director
CRI, Lunuwila
Plant Pathology
20 years in research

Recipient of JAYCEES Award for outstanding achievements in agriculture; Fellow and Joint Secretary (1990-91)- Institute of Biology; Fellow-National Academy of Sciences; Member-SLAAS

Worked on biological control of coconut pests with special reference to the control of *Promecotheca cumingi*

R 15(22) P 15 (25) B 1



NAINANAYAKE ATHULA, BSc (21-02-1963)

Assistant Plant Physiologist
CRI, Lunuwila
Plant Physiology
1 year in research

Involved in studies on leaf scorch decline, screening for drought tolerance and effect of root and leaf modifications on yield

PEIRIS T SARATH GAMANI, MSc (05-04-1955)

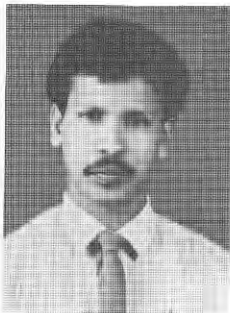
Senior Biometrician
CRI, Lunuwila
Biometry-Crop Modelling
10 years in research

Fellow - Royal Statistical Society; Hon.Secretary (Agricultural and Forestry section)-SLAAS

Provided advice on statistical computing from wide range of disciplines and on all aspects of data processing and data base management; carried out biometrical and statistical research on coconut, mainly on crop weather models and developed alternative methods to analyze experimental data

R 14





PERERA AAFLK, BSc (Ag) (16-10-1963)

Assistant Geneticist

CRI, Lunuwila

Plant Breeding and Genetics

2 years in research

Involved in coconut germplasm collection, conservation and evaluation;
conducting nursery experiments to develop improved nursery techniques

PERERA PACR, MSc, PhD, DIC (24-07-1933)

Head of Crop Protection Division

CRI, Lunuwila

Entomology- Biological Control

32 years in research

Recipient of Presidential NARESA Award(1987) for Outstanding Scientific Achievement; received training in biological control methods at CIBC, India and in Applied Entomology at Imperial College, London; also attended a course on use of radiation in Entomology at Florida, USA; Visiting Lecturer in Forest Entomology at Sri Lanka University

Member and Joint Secretary-Institute of Biology; Member-

Pesticide formulation committee, Plant Protection Society

Worked extensively on the control of pests and diseases of coconut, especially biological control of coconut leaf miner, *Promecothea cumingi*, coconut caterpillar, *Opisina arenosella* and *Oryctes rhinoceros*

R 13(14) P 6 O 2



PERIES KRRR , PhD (30-11-1952)

Head of Genetics and Plant Breeding Division

CRI, Lunuwila

Plant Breeding-Drought Tolerance

12 years in research

Member-SLAAS

Studied the criteria used for the selection of coconut seed palms and to improve the quality of seedlings; evaluated cultivars in different agro-climatic regions and worked on collection and utilization of drought tolerant germplasm

R 5(7)



RANASINGHE SANATHANIE, BSc (03-07-1964)

Assistant Plant Physiologist

CRI, Lunuwila

Plant Physiology

3 years in research

Member-SLAAS, Institute of Biology

Conducting studies on physiological and biochemical characters of coconut palm in relation to leaf scorch decline and immature nutfall

R 3

TANZANIA



CHIPUNGAHEL GRACE SE , (Ms), MSc (Ag) (16-12-1949)

Head of Agronomy Section

National Coconut Development Programme P.O. Box 6226

Dar-es-Salaam

Agronomy

10 years in research

Member-Soil Science Society of East Africa

Studied nutrient requirement to increase production of coconut in different ecological zones of Tanzania; identified management practises that improve coconut production

HARRIES HUGH C, BSc (21-04-1940) [British]

Plant Breeder

National Coconut Development Programme P.O. Box 6226

Dar-es-Salaam

Breeding for Disease Resistance

23 years in research and development

Registrar – International Coconut Cultivar Registration Authority

Formed part of the team for production of disease resistant F1 Hybrid

MAYPAN and making it available for commercial planting in Jamaica

R 30 P 5

THAILAND

CHANTHORN THIMA PITIPORNCHAI, BSc (29-10-1962)

Scientist

CHRC, Sawi, Chumphon

Soil and Plant analysis

2 years in research

Carried out the nutrient analysis of coconut leaf and soils

KASINSASAEMPONG YUPIN (Ms) (20-07-1958)

Plant Pathologist

CHRC, Sawi Chumphon

Plant Pathology-Fungal Diseases

5 years in research

Studied the climatic factors, epidemeology, chemical control of nutfall disease caused by *Phytophthora*

R 2 (4)



LEOVASUTA ARUN, BSc (18-12-1942)

Senior Soil Scientist

CHRC, Sawi, Chumphon

Soil Science-Fertilizers

5 years in research

Conducted fertilizer trials on coconut -cocoa and also analysed the nutrient level of coconut leaf and soil

R 5 P 1

ON MOKH VALLI (Ms), B, Ag (18-02-1955)

Transfer Technologist

CHRC, Sawi, Chumphon

Transfer of Technology, Training

4 years in research and 3 years in development

Conducted training and field visits for farmers; associated with technology transfer

R (3) P (5)





RANATIGAR PANIT NGANGO, MSc (28-04-1955)

Agronomist
CHRC, Sawi, Chumphon
Agronomy
13 years in research
Worked on the agronomic aspects of coconut
R 5 (13)

RUNGRUENG SURA, BSc (21-06-1958)

Agronomist
CHRC, Sawi, Chumphon
Agronomy-Intercropping
6 years in research and development
Conducted research on fertilizers, weed control, varieties and intercrops of coconut; involved in imparting training to farmers
R 5

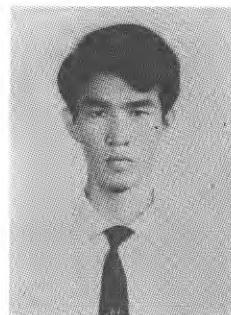


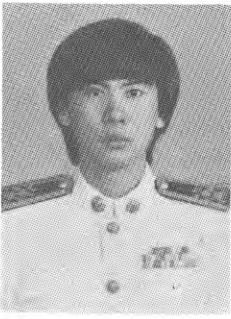
THIRAKUL ANUPAP, MSc (07-08-1944)

Director
CHRC, Sawi, Chumphon
Breeding and Agronomy, Research Management
15 years in research and 7 years in development
Member-Plant Breeding Society of Thailand
Worked on coconut breeding and agronomy and released two hybrid coconuts; evolved a model of coconut intercropping system
R 12 P 3

SANGUDOM THAVEESAK, MSc (03-12-1962)

Agronomist
CHRC, Sawi, Chumphon
Post Harvest-Physiology
1 year in research and 1 year in development
Working on Post harvest technology of coconut, initiated studies on physiology of growth





WONGWATHNARAT PRASERT, MSc (Ag) (23-07-1959)

Plant Pathologist

CHRC, Sawi, Chumphon

Plant Pathology

1 year in research

Recipient of Scholarship from Australian Cooperation National Agricultural Research Project

Involved in training programmes to Advisory Officers and farmers for the control of coconut diseases

R (4)

UNITED KINGDOM

BLAKE JENNET, (Ms), PhD (30-08-1929)

Senior Research Fellow

Wye College, Ashford Kent, TN 25 5 AH

Micropropagation

20 years in research

Consultant to Philippines, Malaysia, Brazil on coconut micropropagation

Member -IAPTC, SEB

Collaborating with GTZ coconut micropropagation project in Philippines; obtained organised structures in callus from coconut explants and somatic embryos

R 12(20)

BRANTON RL, (14-12-1952)

Micropropagation Consultant

19 Woodlea Healthfield Road, Ashford, Kent, TN 24 8 YB

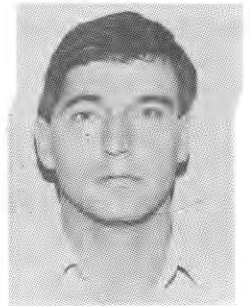
Physiology-Coconut Tissue Culture

6 years in research

Member -Institute of Biology

First published report of clonal coconut plantlet at Wye College

R 3



JUSTIN SAMUEL HENRY FW, BSc PhD (21-05-1949)

Post Doctoral Research Fellow

Wye College, Kent TN 25 5 AH

Plant Physiology-Tissue Culture

10 years in research

Member-Institute of Biology, IAPTC, Amateur Entomological Society

Worked on the vegetative propagation methods like isolation of primary and secondary roots; *in vitro* establishment of callus cultures and meristem induction; isolation of *Phytophthora palmivora* from coconut roots and studied growth in culture

R 3(9) P (1)



NEWMAN STEVE, PhD (01-07-1957)

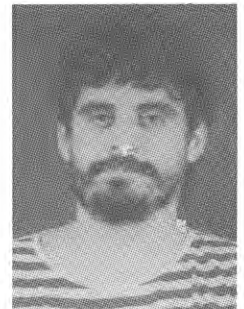
Silsoe College, Silsoe

Coconut -Agroforestry

10 years in research

Developed techniques for studying yield and ecological interactions in coconut agroforestry

R 10 (30)





ROSSELL JOHN BARRY, BSc, ARCS, DPhil (23-08-1938)

Leatherhead Food Research Analyst

Randalls Road, Leatherhead

Oilseeds-Oils and Fat Research Analysis

28 years in research and development

Member-American Oil Chemical Society, Royal Society of Chemistry

Worked on analysis of vegetable oils and their rancidity and contaminants;

Alimentarius Specifications

R (15) P (10) B (8) O (10)

SWETMAN ANTONY, BSc (11-12-1950)

Senior Scientist

Unilever Research Laboratory, Colworth House, Sharnbrook, Bedford

Oil Seed Technology

20 Years in research and development

Member-Institute of Food Science and Technology

Worked on small scale oilseed processing and soap manufacture

R 3(10)



TAYLOR HERBERT FRANCIS, PhD (22-07-1928)

Senior Research Fellow

Wye College, Ashford, Kent TN 25 5 AH

Plant Physiology-Growth Regulators

3 years in research

Discovered natural plant growth inhibitor Xanthoxin, determined its chemical structure and biological activity as the natural precursor of abscisic acid

R 3(49)

UNITED STATES OF AMERICA



DAVIS GIBLIN - ROBIN, BSc, PhD (03-06-1955)

University of Florida, 3205 College Avenue, Fort Lauderdale, Florida
Nematology-Entomology

4 years in research

Member-Society of Nematologists, Organization of Tropical American Nematologists, ESA, Florida Entomology Society

Studied the biology and culture of Red Ring nematode, *Bursaphelenchus cocophilus* and its association with palm weevils *Rhynchophorus* and *Dynamis* in Trinidad, Venezuela and Ecuador; working on isolation and identification of semiochemicals produced by stressed palms as attractants to weevils

R 7(35) P 1(5)

HOWARD FORREST, MS PhD

University of Florida, 3205 College Avenue, Fort Lauderdale, Florida
Entomology-Field Biology

15 years in research

Member-International Palm Society, ESA, Florida Entomological Society, Caribbean Food Crops Society

Established *Myndus crudus* as vector of Lethal Yellowing of coconut and other palms; developed environmental control of vector using forage grasses; Lethal Yellowing resistance studies in palms; worked on biology and control of coconut mite *Aceria guerreronis* and other pests

R 23(50) P 4(7)



RAYMOND SCHNELL J, PhD (03-12-1952)

Research Horticulturist

Genetics-Plant Breeding

20 years in research

Member - AAAS/CSSA

Worked on breeding aspects on coconut, evaluation of genotypes

R (15) P (10)

ROMNEY DAVID, BSc (Ag) (09-01-1929)

Consultant

26021 SW, 199 AVE Miami, Florida 33031

Agronomy

30 years in research

Member-BSSS, ISSS, ICLY, IPS, RSC

Worked on copra moisture and oil determination; recommended suitable herbicides and rodenticide in coconut; worked on the deficiency of phosphate and potassium in Tanzania and Zanzibar respectively; found out the field resistance of Malayan Dwarf to Lethal Yellowing; studied effect of ambient temperature and shade competition to coconuts

R 80(85)

VANUATU -

CALVEZ CLAUDE, PhD (17-06-1944) [French]

Agronomist

IRHO Station, Saraoutou, BP 89, Santo

Agronomy

12 years in research and 8 years in development

Associated with management of coconut gardens in Vanuatu

R 6(9)

DUHAMEL GERRAD, Ag Eng (05-12-1936) [French]

IRHO Station, Saraoutou, BP 89, Santo

Agronomy

27 years in development

Responsible for management of experimental plots, conducted studies on weed control in coconut plantation

R 3

MORIN JEAN - PAUL, Ag Eng, MSc (24-10-1942) [French]

IRHO Station, Saraoutou, BP 89, Santo

Entomology

12 years in research and 4 years in development

Worked on insect pests of coconut in Vanuatu

R 7(18)

OLLIVIER JEAN, Ag Eng (09-05-1958) [French]

IRHO Station, Saraoutou, BP 89, Santo

Agronomist

6 years in development

Involved in the management of coconut gardens

WEST INDIES

GRIFFITH REGINALD, Dsc, Dr Agr(Hon), DSc (Bio) (04-04-1937)

Red Ring Research

Ministry of Food Production, Trinidad

Entomology - Nematology and Phyto-pathology

22 years in research of which 5 years are also in development

Recipient of Albert Einstein Medal for Research; consultant in coconut pests and diseases for Latin America

Member-Caribbean Food Crops Society

Worked out the mechanisms of transmission of Red Ring disease of coconut by the palm weevil, *Rhychophorus palmarum*, and the

mechanism of transmission of cedros wilt disease of coconut by *Oncopeltus* sp. and *Mecistorhinus* sp; conducted training programmes for Latin

American scientists in coconut pest and disease management

R 38(56) P 10(22) B 3 O 2(10)



LIST OF OTHER COCONUT WORKERS

Australia

Australian National University, Canberra

Bedford, GO	-	Entomology
Etherington, DM	-	Economics
Milburn, JA	-	Plant Physiology

Brazil

EMBRAPA/National Centre for Coconut Research (CHPCO), Caixa Postal
44-49000, Aracaju/Se,

Donald, ERDE	-	Extension
Ferreira, JMS	-	Entomology - Pest Control
Fontes,HR	-	Soil Science, Agronomy
Franca Dantas, MS	-	Breeding and Genetics
Passos, EEM	-	Plant Physiology
Ram, C	-	Plant Pathology
Rego, GM	-	Plant Physiology
Santos, SGD	-	Soil Science
Sobral, Lafayette F	-	Soil Science
Cuenca, MAG	-	Economics
Leal, Ec	-	Plant Pathology
Leal, MDLDS	-	Statistics
Ribeiro, FE	-	Breeding
Siqueira, ERD	-	Breeding and Tissue Culture
Worwick,, DRN	-	Plant Pathology

CEPLAC/CEPED/Divisao de Fitopatologia, Caixa Postal 7, 45 600 Itabuna Ba

Cargealho,AR	-	Agronomy
Oliveira, EPC	-	Plant Pathology

IPA/Empresa Pernambucana, de pesquisa agropecuaria
Caixa Postal 1022, 50000 Recife Pe.

Melo, GS	-	Plant Pathology
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Fiji

South Pacific Commission, Suva

Jackson GVK	-	Plant Pathology
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France
IRHO, BP 5035-34032, Montpellier, Cedex

Jean Pierre Gascon - Breeding and Genetics

Burotrop - Paris

Dufour, O - Research Management

India

Biddappa CC - Soil Science, Plant Nutrition
(CPCRI (RC) Mohitnagar)

Shantaram MV - Microbiology
(APAU, Hyderabad)

Chidambaram P - Plant Pathology
(Cotton Res. Stn. Coimbatore)

Prakasam K - Plant Pathology
(SBI, Coimbatore)

Arul Raj, SJ - Extension
(SBI, Coimbatore)

Annamalai, SJK - Technology
(CIAE, RS, Coimbatore)

Josy Jose - Genetics
(CTCRI, Thiruvananthapuram)

Laila Jacob - Biochemistry
(CTCRI, Thiruvananthapuram)

Jayalakshmi, S - Biochemistry
(RRL, Thiruvananthapuram)

Indonesia

Coconut Research Institute, P.O.Box 4, Manado

Punchihewa, PG - Research Management

Benyamin Pattang - Pathology, Disease Control

Daniel J Torar - Agroecconomics

Dian J Kangiden - Breeding and Genetics

Endrizal - Agroecology

Enny Randriani - Breeding and Genetics

Husen Hasni - Agroecology

Hendrik B Lengkey - Breeding and Genetics

Albert Ilat - Agronomy

Jantje G Kindangen - Agroecconomics

Gabriel H Joseph - Technology

Julistia Bobihoe	-	Agroecology
Henny Kembuan	-	Technology – Product Processing
Henky T Kuntungan	-	Breeding and Genetics
Meldy L A Hosang	-	Entomology–Pest Control
Michellia Darwis	-	Pathology–Disease Control
Nani Mokodongan	-	Agroeconomics
Tine Rompas	-	Breeding and Genetics
Rustam Rahman	-	Agronomy
Sabarman Damauik	-	Intercropping
Selmy R Supit	-	Agroeconomics
Syarial Taher	-	Agronomy
Elsje T Tenda	-	Breeding and Genetics
Thelma Dooraje Jane Tuju	-	Technology– Product Processing
Zusje Untu	-	Agronomy
Yan Sophian	-	Agronomy
Zainal Mahmud	-	Agronomy
Dra MMS	-	Breeding and Genetics
Amrizal	-	Agroeconomics
Arie A Lolong	-	Pest Control
Abner Lay	-	Technology
Barlina Raindengan	-	Technology
Bambang Exa Cahyana	-	Agronomy
Bariyah	-	Breeding and Genetics
Soejarmodka	-	Breeding and Genetics
Baringbing	-	Pest Control
David F Allorerung	-	Technology
Dina B Taula	-	Agronomy
Ferly Tumewan	-	Pest Control
Harefa	-	Agronomy
Hendrki Kaat	-	Agronomy
Helmy Basalamah	-	Agronomy
Heldering Tampake	-	Breeding and Genetics
Hengky Novarianto	-	Breeding and Genetics
Hengky F Mangindaan	-	Breeding and Genetics
Hasnelly Z	-	Agroeconomics
Indah Sriwulan	-	Breeding and Genetics
Jantje Mawikera	-	Pathology, Disease Control
Jefri	-	Agroeconomics
Soekarjoto	-	Pest and Disease
Suchyawan	-	Agroeconomics
Widi Rukmini	-	Breeding Genetics
Witono Widodo	-	Agronomy

Ulius Ferry	-	Agronomy
Yanter Hutapea	-	Agroeconomics
Jandariatin Rowi	-	Agroecology
Mustafa Djafar	-	Agroeconomics
Maskar Kadir	-	Agronomy
Maria M.M. Rumokoi	-	Technology
Musa Palilu	-	Breeding and Genetics
Noli L.Bari	-	Agroecology
Nurhaini Mashud	-	Agronomy
Mursuestini	-	Agroecology
Rusthamrin H. Akuba	-	Agroecology
Saefudin	-	Breeding and Genetics
Saleha Kharie	-	Disease Control
Sientje R. Sigarlaki	-	Agroeconomics
Miftahor Rahman	-	Breeding and Genetics

**Reasearch Institute for Spices and Medicinal Crops
Jin. Cimanggu No. 3, Bogor 16111,**

Tarigans D.D.	-	Agronomy
---------------	---	----------

**Complex PPK, Bandar Kuala, P.O.Box 16 Galang,
North Sumatera**

Darnosarkoro Witjaksana	-	Soils Nutrition and Fertilizers, Agroecology.
Ginting Christa Ulin	-	Pest Control, Injection Techniques
Hamid Sjukri	-	Farm Management
Hamzah Mahlil	-	Product Processing, Oil Extraction
Mardiana Wahyuni	-	Soils, Nutrition and Fertilizers
Purba, Amir	-	Entomology, Pest Control
Rangkuti, Fahwani Yuliati	-	Breeding and Genetics/Plant Physiology
Hasudungan	-	Soils, Nutrition and Fertilizer
Sumardjan, Hastjarjo	-	Breeding and Genetics
Sutarta, Edy Sigit	-	Breeding and Genetics

Ivory Coast

**IRHO/CIRAD, Station de Recherches Sur is Cocotier
Marc Delorme, 07 BP 13 Abidjan 07**

Agodan	-	Breeding and Genetics
Enipa	-	Entomology- Pests
Kduakou Yao	-	Pests/Insects Pests

Le Saint J P - Breeding and Genetics

Malaysia

MARDI, Hilir Perak, Peti Suret 25, 36307 SG Sumun, Perak

Bahari Jamadon	-	Breeding and Genetics
Long Kamariah	-	Microbiology/Products Preservation
Md Ludin Mohd Bookeri	-	Water Management
Mohd Mamil Mohd Musa	-	Disease Control
Mohd Senawi Mkohd Tamin	-	Plant Physiology/Propagation, Tissue Culture
Omran Hashi	-	Plant Physiology
Said Momot	-	Product Processing/Food uses
Salim Jamaludin	-	Insect Pests/Pest Control
Subali Sapiyah	-	Breeding and Genetics
Syed Kamaruddin Wazir	-	Plant Physiology
Wahab Ein Ismail	-	Intercropping, Cocoa, Fruits
Vusof Osman	-	Nutrition, Fertilizers

Netherlands

Amer fookste str 88, 1411 HE Naarden

Ohler, JG - Development

Nigeria

Nigerian Institute for Oil Palm Research, P.M.B.No. 1030, Benin City

Asemota Omorefe	-	Genetics
Ikuenobe Celestine E.	-	Weed Control
Kolade Kolawole Oyekola	-	Pest Control
Omamor I B	-	Plant Pathology
Ozah Joseph Nwanodi	-	Agronomy, Weed Science
Ugbah	-	Soil Physics
Aisueni Napoleon Osasuyi	-	Soils/Nutrition and Fertilizers
Amalu Un C	-	Soils/Nutrition and Fertilizers
Ekpo E N	-	Pest Control/Disease Control
Enonuya DOM	-	Product Processing
Inedia Godwin	-	Production, Processing and Marketing
Omoti Umoru	-	Soils, Nutrition and Fertilizers

Papua New Guinea
Papua New Guinea Cocoa and Coconut Research Institute
P.O. Box 1846, Rabaul, ENB

Mazewin Yawal R	-	Breeding and Genetics
Turner P D	-	Breeding and Genetics/Tissue Culture
Tan G Y	-	Breeding and Genetics/Propagation/Embryo Culture
Tore Ovasuru	-	Nutrition and Fertilizers/Propagation, Nuresery Technique
Tan W K	-	Breeding and Genetics
Tade E	-	Propagation/Embryo Culture
Holderness M	-	Diseases

Philippines
PCA - Manila

Andanar, Atty WT	-	Research and development
------------------	---	--------------------------

PCA-Davao Research Centre, Bago-Oshiro, Davao City

Abad Reynaldo G	-	Pests, Insects
Aterrado Emmanuel D	-	Pest Control, integrated Control, Diseases
Gallego Vivencio B	-	Pests, Insect Pests, Rodent Pest Control.
Habana Jesus A	-	Cultural Practices
Margate Rogaciano	-	Soils, Cultural Practices
San Juan Nemesia C	-	Disease Control, Biological Control, Chemical control
Zelazny B	-	Entomology, Biological Control

**Industrial Technology Development Institute. Department of
Science and Technology, P.O. Box 774, Manila**

Anzaldo, Felicided E	-	Product Processing, Nut Water Medicinal Uses
Gonzalez, Olyampia N	-	Product Processing, Nut Water, Milk, Fermentation

PCA -Albay Research Centre, Banao, Guinobatan, Albay 4503

Bautista Rosemarie M	-	Diseases, Cadang Cadang, Viruses
Belmonte Artemio Binlayo	-	Soils, Cultural Practices
Carpio Carlos Banaga	-	Breeding and Genetics
Imperial Julita S	-	Disease Control, Cadang Cadang
Olfato Rosemarie Bautista	-	Disease Control, Cadang Cadang
Pacumbaba Ester Pama	-	Pest Control, Insect Pest/Diseases, Cadang Cadang.

**Visayas State College of Agriculture
Department of Plant Protection, Baybay, Leyte**

Cardona Tomas Deluta	-	Production Processing, Activated Charcoal, Briquatting
Mandras Bibbo Taripe	-	Insect Pests, Mites/Pest Control/Integrated Control
Nasayao Loida Z	-	Breeding and Genetics, Nutrition and Fertilizers
Talatala Rolinda Lacson	-	Plant Physiology, Weed Control, Biological Control
Truong Rolinda Locson	-	Plant Physiology, Weed Control, Biological Control
Truong Van Den	-	Product Processing, Oil extraction, Wet processing Kernel
Tung Ly	-	Nutrition Fertilizers, Intercropping Cereals
Lauzon Roberta D.	-	Product Processing, Nut water, Food Uses

**Forest Products Research and Development Institute College,
Laguna 3720**

Fernandez William L	-	Product Processing – Copra, Soap/Food Uses
Chan Felisa Diaz	-	Product Processing, Timber
Laxamana Melencio G	-	Product Processing, Timber
Manas Adelina E	-	Products Processing, Coir Dust
Meniado Jose A	-	Product Processing/Timber
Rocafort Jesus E	-	Product Processing, Timber
Tamolang Felix Blando	-	Product Processing, Timber
Estudillo Calvin P	-	Technical, Dendro-energy
Siriban Felino R	-	Product Processing, Timber
Cuaresma Troadio	-	Product Processing, Timber
Bawagan Pancracio V.	-	Pulp and Paper
Tesoro Florentino O	-	Product Processing, Timber
Pablo Arturo A	-	Product Processing, Timber

**PCA-Zamboanga Research Centre, San Ramon,
P.O. Box 356 Zamboanga City**

Cruz Benjamin Dela V	-	Breeding and Genetics
Ilagan Milicent C	-	Breeding and Genetics
Miguel Teodulo D	-	Intercropping
Penamora Luisito J	-	Coconut Timber Utilization
Santos Gerardo A	-	Breeding and Genetics

**Department of Horticulture, University of Philippines
at Los Banos College, Laguna**

Paner, Estella T	-	Nutrition. Fertilizers/Product Processing, Microbiology.
Raymundo, Leoncio C	-	Product Processing/Nut water/Food Uses

Philippines Atomic Energy Commission, Diliman Quezon City

Manoto Eugenia C	-	Pest Control, Insect Pests
Sotero S. R Silva	-	Pests, Insect Pests

Solomon Islands

Dodo Creek Research Station, P.O.Box G13, Honiara

Chase Lawrence	-	Nutrition and Fertilizers
Linton Peter Richards	-	Plant Physiology-Soil Science
Macparlane Robert	-	Entomology
Trewren Kenneth	-	Plant Breeding and Genetics
Saelea Jimm	-	Plant Breeding & Genetics
Saelea Jimmy	-	Plant Pathology
Williams Charles	-	Entomology
Pauku Larry Richard	-	Entomology
Oliouou Michael Max	-	Plant Breeding and Genetics
Cheatle Rodney J	-	Nutrition and Fertilizers
Woiriu Morgon	-	Soil Science
Hancock Ian R	-	Agronomy
Rua Jeremy	-	Agronomy

Sri Lanka

Coconut Research Institute, Bandirippuwa State, Lunuwila

De Silva L.C. Priyanthie	-	Entomology
Dissanayake, C N	-	Entomology
Ferdinandes, M G F S	-	Soil Microbiology
Fernando W.M. Ursula	-	Breeding and Genetics
Gunathilake H A Jayantha	-	Agronomy
Jayasimudara H P Susantha	-	Agronomy
Kanagaratnam P	-	Entomology
Kondasinghe IJS	-	Breeding and Genetics
Liyanage Don Vincent	-	Breeding and Genetics
Liyanage L V K	-	Plant Physiology
Mathes M P D T	-	Statistics
Perera R A J Rohan	-	Agricultural Economics
Periyapperuma L.Kaushalya	-	Tissue Culture
Peruma Vidhana A L	-	Agronomy and Soil Science
Ratnasiri W G A	-	Genetics and Plant Breeding
Somasiri L.L.W.	-	Soil Science
Tenakoon Nihal Ananda	-	Soil Microbiology

Wickramaratne M. Rupa T - Genetics and Plant Breeding
Wickramaratne M R T - Genetics and Plant Breeding
Balalsubramanian A - Biochemistry

Sweden

C/o. Scarab AB, Bardesvagen 11, S-183 20 TABY

Saask Aopo - Product Processing-Integrated Processing

Tanzania

National Coconut Development Programme P.O.Box 6226, Dar - Ex - Salaam,

Balingasa Eduardo N - Entomology - Breeding and Genetics

Thailand

Chumphon Horticultural Research Centre, Amphoe Sawi, P.O.Box 3,
Chumphon 86130

Moss J.R.J. - Agronomy

Tonga

P.O.Box 881, Nuku Alofa, South Pacific

Stechmann, Dirk-Heinrich - Entomology
Englberger Konrad - Entomology

United Kingdom

Tropical Development and Research Institute, Industrial Development Department,
Culham. Oxfordshire, OX 14 3DA,

David Adair - Processing Technology

Wye College (Univ. of London), UAPS, Dept. of Hort. Ashford, Kent TN 25,5 AH

Eeuwens C.J. - Horticulture

Natural Resource Institute, Chatham ME 44 TB, Kent

Eden Green S - Pathology

Unilever Research Laboratory, Colworth Mouse, Sharnbrook. Bedford,

Smith G.B.	-	Tissue Culture
Huges W.A.	-	Tissue Culture

United States of America

Division of Plant Industry, Region III, 13603 Old Cutlur Road. Miami, Florida 33153

Von Wald, Harlo E	-	Pest and Disease Contro.
Gwin George H	-	Entomology-Pathology

University of Florida, Research and Education Centre, 3205 College Avenue,
Fort Lauderdale, Florida 33314

Tsai James H.	-	Entomology
Donselman Henry N.	-	Plant Pathology
Broschat Timothy K.	-	Weed Control.
Harrison Nigel	-	Plant Pathology
McCoy R C	-	Plant Pathology
Basham S	-	Plant Physiology

Vanuatu

IRHO-CIRAD, B,P, 89, Santo

Fournial T.	-	Breeding and Genetics
Bokelaere	-	Breeding and Genetics
Marty	-	Soil Science

Telex, Telephone and Fax numbers of coconut Institutes

Country	Name of the Institute	Telex	Telephone	Fax
AUSTRALIA	Division of Tropical Crops and Pastures, CSIRO, Canberra	AA 42159	(07) 37700209	-(07) 3713046
BRAZIL	National Centre of Coconut Research, Aracaju	079-2318	(079) 231-9116	
FRANCE	IRHO, Paris	630491	45. 3. 60. 25	
	IRHO, Montpellier Cedex	480762 F	67.61.58. 00	
INDIA	Central Plantation Crops Research Institute, (CPCRI) Kasaragod	08001 202 PALM IN	20094	
	Coconut Development Board, Kochi	0885 6736 CODE IN	360737,	
	Indian Council of Agricultural Research, New Delhi	031 62249 ICAR IN	388991	
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Abbreviations

AAE	-	Association for Advancement of Entomology
ACS	-	American Chemical Society
AFST	-	Association of Food Scientists and Technologists
AMI	-	Association of Microbiologists of India
AnSA	-	Andaman Science Association
AP	-	Andhra Pradesh
APCC	-	Asian and Pacific Coconut Community
ARC	-	Albay Research Centre
ARRW	-	Association of Rice Research Workers
ARS	-	Agricultural Research Station
ASA	-	American Society of Agronomy
ASN	-	Agricultural Society of Nigeria
ASSS	-	American Society of Soil Science
CARI	-	Central Agricultural Research Institute
CCRS	-	Central Coconut Research Station
CDB	-	Coconut Development Board
CHRC	-	Chumphon Horticultural Research Centre
CFTRI	-	Central Food Technological Research Institute
CIAE	-	Central Institute of Agricultural Engineering
CPCRI	-	Central Plantation Crops Research Institute
CRS	-	Coconut Research Station
CSP	-	Chemical Society of Philippines
CSSP	-	Crop Science Society of Philippines
CTCRI	-	Central Tuber Crops Research Institute
DBT	-	Department of Biotechnology
ESA	-	Entomological Society of America
ESI	-	Entomological Society of India
FPRDI	-	Forest Product Research and Development Institute
GAU	-	Gujarat Agricultural University
HSI	-	Horticultural Society of India
IAPTC	-	International Association of Plant Tissue Culture
IARI	-	Indian Agricultural Research Institute
IBS	-	Indian Botanical Society
ICAR	-	Indian Council of Agricultural Research

ICJ	-	Indian Coconut Journal
IJPP	-	Indian Journal of Plant Physiology
IPC	-	International Pepper Community
IPS	-	Indian Phytopathological Society
IRHO	-	Institute de Recherches pour les Huiles at Ole'agineux
ISA	-	Indian Society of Agronomy
ISAE	-	Indian Society of Agricultural Engineers
ISAS	-	Indian Society of Agricultural Science
ISBA	-	Indian Society for Biocontrol Advancement
ISCA	-	Indian Science Congress Association
ISEE	-	Indian Society for Extension Education
ISGPB	-	Indian Society of Genetics and Plant Breeding
ISHS	-	Indian Society of Horticultural Science
ISMPP	-	Indian Society for Mycology and Plant Pathology
ISNTAB	-	Indian Society for Nuclear Techniques in Agriculture and Biology
ISPC	-	Indian Society for Plantation Crops
ISPP	-	Indian Society of Plant Physiology
ISOR	-	Indian Society of Oilseeds Research
ISRC	-	Indian Society for Root Crops
ISS	-	International Society for Spices
ISSS	-	International Society of Soil Science
ISSS(I)	-	Indian Society of Soil Science
IUBS	-	International Union for Biological Sciences
IUSSI	-	International Union for Studies on Social Insects
JPC	-	Journal of Plantation Crops
KAU	-	Kerala Agricultural University
MARDI	-	Malaysian Agricultural Research and Development Institute
MASU	-	Madras Agricultural Students Union
MP	-	Madhya Pradesh
MPPS	-	Malaysian Plant Protection Society
MSI	-	Mycological Society of India
NARP	-	National Agricultural Research Project
NCL	-	National Chemical Laboratory
NIFOR	-	Nigerian Institute for Oilpalm Research

NRC	-	National Research Centre
NRCP	-	National Research Council of Philippines
NRDC	-	National Research and Development Council
NSI	-	Nematological Society of India
PAE	-	Philippines Association of Entomology
PAAS	-	Philippines Association for Advancement of Science
PAFT	-	Philippines Association of Food Technologists
PAPTC	-	Philippines Association of Plant Tissue Culture
PBS	-	Philippines Biochemistry Society
PCA	-	Philippines Coconut Authority
PFRS	-	Philippines Forest Research Society
PNSS	-	Philippines National Science Society
PPBS	-	Plant Physiology and Biochemistry Society
PSBS	-	Philippines Sigma Biological Society
PTCAI	-	Plant Tissue Culture Association of India
PSM	-	Philippines Society for Microbiology
RARS	-	Regional Agricultural Research Station
RC	-	Research Centre
RCRC	-	Regional Coconut Research Centre
RCRS	-	Regional Coconut Research Station
RS	-	Regional Station
SAR	-	Society for the Advancement of Research
SBI	-	Sugarcane Breeding Institute
SEB	-	Society for Experimental Biology
SLAAS	-	Sri Lanka Association for the Advancement of Science
TN	-	Tamil Nadu
TNAU	-	Tamil Nadu Agricultural University
UAS	-	University of Agricultural Sciences
UP	-	Uttar Pradesh
UPLB	-	University of Philippines Los Banos
VISCA	-	Visayas State College of Agriculture
WB	-	West Bengal
WCGC	-	World Coconut Germplasm Centre
ZRC	-	Zamboanga Research Centre

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