

RESUME



Name: Dr. Rakhil Chandra Samui

Position held up to Retirement : Professor of Agronomy, Department of Agronomy, Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur. Nadia West Bengal, 741252

After Retirement : Principal, College of Agriculture, Tripura, Government of Tripura Lembucherra, TRIPURA west 799210 (2007-2014)

Present Designation & Department : Principal, School of Agriculture, Seacom Skills University, Birbhum (From Oct,2017 to date)

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Discipline with specification : Agronomy (i) Soil Fertility Management (ii) Oilseed Crops (iii) Cropping System (iv) Fiber crop

Educational qualifications:

Higher secondary, Board of Secondary Education, West Bengal 1963, First Division Third in Ag. Stream

B.Sc(Ag)Hons, Kalyani University, West Bengal 1967, First Class Second

M.Sc(Ag) in Agronomy, Kalyani University, West Bengal 1969, First class First

Ph.D.in Agronomy, Bidhan Chandra Krishi Viswavidyalaya, W.B 1976, Effect of Zn, B, Mo and S on Rice-Rice and Berseem in Sequence

Year of Experience : 46 Years

Professional Experiences:

Lecturer in Agronomy, Faculty of Agriculture, Kalyani University, W.B 3rd Dec ,1971-31st Aug, 1974

Lecturer in Agronomy, Bidhan Chandra Krishi Viswavidyalaya, W.B 1st Sept, 1974- 31st Dec,1981

Reader in Agronomy, Bidhan Chandra Krishi Viswavidyalaya, W.B 1st Jan,1982-2nd Feb, 1995

Chief Agronomist (Professor in Agronomy) and officer in charge AICRP on Cropping Systems, ICAR, Kalyani main center, BCKV

3rd Feb,1995- 15th Aug,2002

Professor in Agronomy, Department of Agronomy, BCKV Teaching/Research/ Extension

16th Aug,2002-20th June, 2007

: Teaching 44 yrs. Research: 38yrs
Extension:36 yrs.

Award/Assignment/Foreign Training

: Attended 3 ICAR summer Institutes:
:1980 UAS, Bangalore, Karnataka, soil fertility evaluation

:1981, CSSRI, Kernal Management of problem soils

:1982, Recent advances in groundnut production
NRCG, Junagadh, Gujarat

:Obtained training on application of GIS and Remote Sensing in Agriculture at IIRS, Dept. Of Space, Deradhun, Dec.11 to Dec.30,2000

:Received ICAR fellowship in undergraduate classes

:National Fellowship in Post graduate classes

:Fellow, Indian Society of Oilseeds Research, Hyderabad.

WHO,S WHO ASIA,2006,WHO,S WHO INDIA 2016

International Seminar: /Symposium/Congress attended in India & abroad

Attended International Sunflower Conference at Sufers Paradise ,Australia, March 14-18, 1982

: Attended 4th International Weed Science Congress at Durban , South Africa, June 20-24,2004

:Attended 7th International symposium on water, arsenic and environmental crisis in Bengal Basin at Dhaka, Bangladesh December 19-20,2004

:Attended 20th Asia-Pacific weed science Society conference at HoChiMinh City, Vietnam 7-11, November ,2005

:Attended International Conference on plasti culture and precision farming, At New Delhi,17-21November,2005.

:Attended 15th Australian weed Science society

conference at Adelaide, Australia, 21-25th September 2006.

:Attended a number of International Conferences held in India

Membership of Scientific Societies, with position if any

Indian Society of Agronomy-councilor and life member

: Indian Science Congress Association. Life-Member

: Indian Society of Oilseeds Res.-Councilor and Life member

: Indian J. Agricultural Res.-Councilor

: Indian society of Remote sensing

: Indian Society of Farming Systems Research- Life member

:Indian society of Remote sensing, Derhadun , Life member

Publications

: Total-170

:Research Papers-160

:Popular Articles-10

:Bulletines-3

Supervised

: PhD- 14

:M.Sc (Ag)-34

Special Assignments/Training:

:Officer in Charge, AICRP on Cropping Systems Research, ICAR, Kalyani main center, BCKV, West Bengal

:Officer in charge ,AICRP, on Groundnut, Mohanpur Voluntary Center, BCKV

Major Scientific achievements:

- i) ICGS44 and TAG 24 variety of groundnut identified and recommended for cultivation in West Bengal And North Eastern states .ICGS 49 variety was found to be suitable as confectionery variety of groundnut for West Bengal
- ii) IET 4094 (Khitish) of rice variety popularized among the farmers in different parts of West Bengal
- iii) Conducted different farmers meeting on Front line demonstration on pulses and oilseeds in different districts of West Bengal to encourage cultivation of pulses and oilseeds after Kharif Paddy.

- iv) Higher yield of paddy was obtained through inclusion of cowpea/ sunhemp in rice-rice cropping system. Farmers were convinced about the benefit of inclusion of a grain legume / green manure in rice-rice cropping system
- v) Depending on the availability replacement of 25-50% nutrient requirement of paddy either through *Greenleaf manure / FYM/ decomposed paddy straw and rest through inorganics increased system yield over 100%* inorganic in rice-wheat system.
- vi) Application of sulphur @40kg/ha increased the yield of rapeseed and mustard.
- vii) Gypsum application @250-400kg/ha was essential to get boldkernels
- viii) Rice-potato-groundnut/green gram gave highest yield of the system and it was remunerative over other systems . Rice-groundnut in BBF followed by rice-groundnut + wheat (2:1)intercropping recorded higher yield over rice-wheat system.
- ix) Under diraland situation groundnut was most remunerative crop followed by lentil and gram. In vegetable crops November planting was best and benefit was more with water melon.
- x) Clincher was found to be most effective in controlling weeds in paddy nurseries particularly for *Echinochloa colonum*
- xi) Goal was an effective herbicide in controlling weeds in Mentha.
- xii) Conducted on farm trials in farmers field in different locations of West Bengal
- xiii) Established an herbal garden and bamboo park in college farm
- xiv) Started AICRP on pigeonpea , ICDP and collaborative programme with ICRISAT

Others-

:Impart teaching in Soil Fertility management ,Cropping systems, Seed Production, Problematic Soils ,Oilseed crops, Wheat and Jute.

:Officer in Charge –AICRP on Cropping Systems Research, AICRP on Groundnut Mohanpur Voluntary Centre,

:CCPI, NATP, Principal Investigator ICAR, DAE,CSIR adhocProjects. And Cymmit India- RWC project

:Principal, College of Agriculture, Tripura, Government of Tripura 2007-2014, Established the college

:Formulated the course curriculum and syllabus in the light of the ICAR course curriculum and syllabus (4th Dean committee Report 2007) and rules and regulations affiliated with the Tripura University, a Central University

Established an herbal garden and planted,13 species of bamboo in the farm

:Brought an ICAR AICRP on Pigeonpea as sub center in the college since July, 2009 at Tripura College

Collaborative programmes with ICRISAT on groundnut, ICDP on Cotton with Directorate of cotton Development, Nagpur,at Tripura College

Administrative experience for 20 years

Rakhal Chandra Samui