



# INDIAN AGRONOMY NEWS

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## OUR NEW PRESIDENT



Dr. MUKHTAR SINGH GILL Project Director, Project Directorate for Cropping Systems Research, Modipuram, Meerut, Uttar Pradesh

was born on 18 April, 1955 at Jagdev Khurd, Amritsar, Punjab completed his masters (1977) and Ph D (1989) in Agronomy from Punjab Agricultural University (PAU), Ludhiana. Dr. Gill started his career as District Extension Specialist at Hoshiarpur in 1978 and became Agronomist (1990) at PAU, Ludhiana. He worked as Chief Agronomist (Cropping Systems) for eight years (1998-2006), Associate Director (Training) for 3 years (December 1995 to December 1998) and Coordinator at Rural Demonstration and Training Centre (RDTC) for self employment for 2 years (1998-2000). He has undergone advanced training on Water Management Research at University of California, Davis USA for 3 months during 1995.

Dr. Gill has wide experience in agronomic research on crop and cropping /farming system, organic farming, direct seeded rice, dissemination of improved multidisciplinary knowledge among rural masses Dr Gill was also involved in teaching and has guided 4 M Sc students.

He was the member of QRT team for the ICAR Research Complex Eastern Region, Patna (2001-05). He is member of Research Advisory Committee of Central Sericulture Research and Training Institute, PAMPORE Srinagar, J & K (2007-10)

He has to his credit 3 books, 15 bulletins, 84 research papers and 102 popular articles. He has developed 13 package of practice recommendations in agriculture and organized three ICAR winter schools as Course Director. Dr. Gill's research contributions were recognized through several awards like FAI Award (NFL-FAI Award, 1989 and PPIC-FAI Award 1993), Punjab Sarkar Parman Patra (2000), Dhuru Morarji Memorial Award of FAI (2006-07), Fellow, Indian Society of Agronomy (ISA) (2003), Fellow, Society for Recent Development in Agriculture (2007). He was honoured and awarded certificate for his outstanding contribution in the RDTC for self employment, Padhri Kalan, Amritsar (15 August, 1999). He is the President of Farming System Research and Development Association (2008-10). He was closely involved with the affairs of ISA including organization of ISA National Symposium at Ludhiana during 2004 and was Vice-President of the Society (2007-08).

Indian Society of Agronomy looks forward to his leadership for taking the society into newer heights.

## OUR VICE PRESIDENT



DR N T YADURAJU born on 19 February, 1952 in Karnataka, did his masters from UAS Bengaluru (1975) and Ph D (1981-85) from

University of Reading, UK under the Commonwealth Scholarship of UK. Joined the Agricultural Research Service (ARS) as Scientist at Division of Agronomy, IARI, New Delhi in 1976 and remained there until 2000. Dr Yaduraju is an eminent weed scientist of the country and his research contributions are widely recognized within and outside the country. He is the recipient of the Best Teacher Award of the IARI and has guided the research of 12 students. He has over 120

research papers in national and international journals, 20 book chapters and edited or authored 8 books. He brought name and fame to NRC for Weed Science, Jabalpur, serving as its Director (2000-2005). He is currently the National Coordinator, National Agricultural Innovation Project (NAIP) - a World Bank funded project of the ICAR.

Indian Society of Agronomy looks forward to his inputs for taking the society to newer heights.

## OUR SECRETARY



DR BANDLA GANGAIAH born on 1 January, 1967 in Julakallu, Guntur, Andhra Pradesh obtained M Sc (Ag) and

Ph D (Agronomy) from Andhra Pradesh Agricultural University, Hyderabad and IARI, New Delhi in 1991 and 1995, respectively. He started his career as a scientist at Indian Grassland and Fodder Research Institute (IGFRI) regional center Avikanagar, Rajasthan on 27 September 1995. Later on moved to its Dharwad, Karnataka center in May 1997 and served there up to March 2003. Up on selection as senior scientist, joined Division of Agronomy, IARI, New Delhi in April 2003. He has worked on agronomy of legumes and Bt cotton (2003-2009). After specialized two months training on crop modeling at ICRISAT in 2008, he has been pursuing research on this area currently. He was involved in teaching and research guidance at IARI.

Dr Gangaiah's works on forages, legumes, Bt cotton has resulted in 40 research articles, 20 book chapters and 2 books; 2 manuals; 8 edited publications; 32 seminar/symposia papers. For his significant contributions in the field of pulse agronomy, Dr Gangaiah was admitted as Fellow of Indian Society of Pulses Research and Development (ISPRD), IIPR, Kanpur in 2009.

Dr Gangaiah was involved in the activities of society since 2005 (2005-06 & 2007-08 as treasurer) and happens to be the youngest secretary of the society of till date.

Indian Society of Agronomy wishes him all the success in new assignment.

### Indian Society of Agronomy Executive Council 2009-2010

President	Dr M.S. Gill
Vice President	Dr N.T. Yaduraju
Secretary	Dr B. Gangaiah
Joint Secretary	Dr V.M. Bhale
Treasurer	Dr Ashok Kumar

#### Newsletter Editors

**Dr B. Gangaiah  
&  
Dr I.P.S. Ahlawat**

Indian Agronomy News is the official electronic publication of Indian Society of Agronomy that can be accessed from society website isa-inida.in. This newsletter is updated once in a month. Material intended for publication in the Newsletter may be submitted either as hard copy or soft copy to the Secretary, Indian Society of Agronomy, Division of Agronomy, IARI, New Delhi-110012.

## OUR CHIEF EDITOR



DR INDRA PAL SINGH AHLAWAT has been unanimously given the responsibility to handle the Chief Editor position of Indian Journal of

Agronomy for the second term (2009-2010) also.

## OUR JOINT SECRETARY



DR V M BHALE born on 5 September, 1957 obtained Ph D (Agronomy) from UAS, Bangalore in 1992.

Starting career as pulse Agronomist in 1980 Dr Bhale became Professor (2001) and served in this capacity for 7 years and was currently head, Agronomy, PDKV, Akola ( Since may 2008). He was actively involved in ISA affairs and was including establishing Parbhani and Akola (2008) chapters and is president of Akola chapter currently. His works on pulse, and sugarcane agronomy are widely recognized. He has to his credit over publications and guided 13 students. He has also served as a chief agronomist, cropping system research.

## OUR TREASURER



DR ASHOK KUMAR born on 21 April 1965 at Saharanpur, Uttar Pradesh obtained M Sc (1988) and Ph D (1992) from GBPUAT, Pantnagar and CCS

HAU, Hisar, respectively. Joined as scientist in 1992 and currently senior scientist at Division of Agronomy, IARI New Delhi. He is involved an expert in maize agronomy. He served Indian Society of Agronomy as treasurer (1997-98) and councilor, Delhi (2003-04).

## APPOINTMENTS

DR JANAKI SHARAN MISHRA was selected as Principal Scientist through ASRB and joined Directorate of Sorghum Research, Hyderabad, Andhra Pradesh on 19-11-2008. Prior to this he was working at NRC Weed Science, Jabalpur, Madhya Pradesh as Senior Scientist. The ISA wishes him all the success in the new assignment.

DR SUNIL KUMAR was selected as Principal Scientist through ASRB and joined at National Research Centre for Agroforestry, Jhansi on 14.05.2009. Prior

to this, he was working as forage agronomist (1995-2009) and Principal Investigator, Agronomy (2003 – 2009) in Project Coordinating Unit, AICRP on Forage Crops, IGRI, Jhansi. The ISA wishes him all the success in the new assignment.

DR BASANT KUMAR KHANDAPAL was selected as Principal Scientist through ASRB and joined Directorate of Rapeseed & Mustard Research, Bharatpur, Rajasthan on 11-06-2009. Prior to this he was at Regional Research Station, Central Arid Zone Research Institute, Jaisalmer, Rajasthan as senior scientist. The ISA wishes him all the success in the new assignment.



DR. J.S. URKURKAR joined as Dean, Student Welfare, Indira Gandhi Agricultural University Raipur. Dr Urkurkar served as councilor (Chhattisgarh) of Indian

Society of Agronomy. Recently he is nominated for Editorial Board of Indian Society of Agronomy. The ISA wishes him all the success in the new assignment.

DR. S.S. KOLHE joined as Professor & Head, Department of Agronomy Indira Gandhi Agricultural University, Raipur, Chattisgarh. The ISA wishes him all the success in the new assignment.

DR. LALIT MOHAN GARNAYAK Professor, Department of Agronomy, Orissa University of Agriculture and Technology have been entrusted with the responsibility of Chief Agronomist of the AICRP on Integrated Farming Systems, Bhubaneswar Centre. The ISA wishes him all the success in the new assignment.

DR P.K. GHOSH has joined as Head, Division of Crop Production, Indian Institute of Pulses Research, Kanpur, Uttar Pradesh in October 2009. Prior to this he was working at ICAR Research Complex for NEH Region, Umiam, Meghalaya.

The ISA wishes him all the success in the new assignment.

## Ph. D. THESES

SWAPAN KOLAY “Weed management in transplanted *kharif* rice and ecophysiological studies on competition between rice and *Ludwigia parviflora* (Roxb.)” Institute of Agriculture, Visva Bharati, Sriniketan (Major advisor: Dr. B. Duary).

RAJKUMARA S “Weed management in onion-chilli-cotton relay intercropping in rainfed vertisols” University of Agricultural Sciences, Dharwad,

Karnataka (Major advisor: Dr. Y.B. Palled).

## HONORS AND AWARDS



DR. P HARISHU KUMAR Pricipal Scientist (Agronomy), Division of Crop Production, Central Tobacco Research Institute, Rajahmundry

was awarded Gold Medal by the Indian Society of Tobacco Science for his outstanding contribution in tobacco research work on “Integrated approach for high value phytochemicals and seed oil from tobacco crop” for the triennium 2006-09 during the National Symposium on Tobacco held at CTRI, Rajahmundry, India from 24-26 November, 2009.

DR B DUARY Senior Lecturer (Agronomy), Department of ASEPAN, Institute of Agriculture, Visva-Bharati Sriniketan Center has been awarded the Young Scientist Award 2008 by Crop and Weed Science Society, BCKV, West Bengal.

DR K S DADHWAL Head, Division of Soil Science and Agronomy, CSWCRTI, Dehradun was conferred Fellowship Award of the Indian Society of Soil Science (ISSS) in recognition of his outstanding work on “Characterization and rehabilitation of degraded mine spoil areas in outer Himalayas: and evaluation of agroforestry species for reducing runoff and soil loss, improving water quality and stabilizing degraded areas” during Platinum Jubilee Celebrations and 74 convention of the ISSS at IARI, New Delhi on 22 December, 2009.

The Indian Society of Agronomy extends heartiest congratulations to all these persons for the distinction achieved by them and wishes all the best in all their future endeavours



## FOREIGN DEPUTATION

DR DINESH KUMAR, Senior Scientist, Division of Agronomy, IARI,

New Delhi has been to the University of Newcastle Upon Tyne, Newcastle, United Kingdom on deputation from 1 February to 31 July, 2009 for advanced research/study on organic agriculture, under the Commonwealth Academic Staff Fellowship 2008. He worked in ‘Quality Low Input Food’ project’ to study the effects of crop rotation, crop protection

and fertility management in organically grown crops. He has also learnt the techniques for analysis of soil respiration (soil basal and substrate-induced respiration and potential nitrification rate (PNR).

## RETIREMENTS



**DR SHRI NIVAS SHARMA**, Principal Scientist, Division of Agronomy, IARI, New Delhi superannuated on 30 June, 2009 after

rendering a distinguished service for 34 years at the Institute. Born in Bulandshahr, Uttar Pradesh, India, on 1 July, 1947 Dr S N Sharma did his M.Sc. in 1969 and Ph D in 1979. He has made significant contributions in the field nutrient management of rice wheat cropping system. Has guided M Sc and Ph D students. Published over research articles besides others. A recipient of many prestigious awards like I.A.R.I. Hooker Award, 2001 and NAAS Fellow 2007. He can be contacted at: C-161, Vikas Puri, New Delhi 110 018; [Tel: 011-25532563; Email: drsnsharmaagro@yahoo.com].

The Indian Society of Agronomy wishes him an active and blissful retirement life.



**DR INDRAPAL SINGH AHLAWAT** has retired from active service on 31 July, 2009. Born on 10 July 1947 at Kandera, Baghpat District, Uttar Pradesh, Dr Ahlawat obtained M.Sc. (1966) and Ph D (1977) from Agra University. He started his career as Research Assistant in 1967 at IARI Regional Station, Sirsa and moved to Division of Agronomy, IARI, New Delhi in 1972 as SRA and rose to the position of the Head of the Division in 2005.

Dr Ahlawat was good teacher and has guided 4 students for M.Sc. and 18 for Ph.D. degree. Dr Ahlawat has made significant contributions to the agronomy of pulse crops and was a prolific writer and has over 300 publications to his credit. Dr Ahlawat was deeply involved with the activities of Indian Society of Agronomy for the last 3 decades. He was treasurer of the Society for four terms (1981-82, 1983-84, 1987-88 and 1989-90), Secretary for 6 terms (1991-92, 1993-94, 1997-98, 1999-2000, 2003-04 and 2005-06), and Chief Editor, Indian Journal of Agronomy for two terms (2001-02 and 2007-08), and also continuing for the third term (2009-10). As organizing Secretary, he was associated

with 5 National Symposia (1992, 1994, 2000, 2004 and 2006), and two International Agronomy Congress (1998 & 2002). He was awarded Rajendra Prasad Puraskar of ICAR in 1987, Bet Teacher Award of IARI in 2000, ISPRD Recognition Award in 2003 and Dhru Morarji Memorial Award of FAI in 2006-07. He was recipient of Fellow (1993) and Gold Medal (2000) of Indian Society of Agronomy. The Ahlawat was available at: J-401, Green Valley Apartments, Sector - 12, Dwaraka, Delhi-110 0175 (Tel: 011-28050042; 09313846309; Email: ahlawat47@hotmail.com)

The fraternity of Indian Society of Agronomy wishes him a very happy, healthy, peaceful retired life. Indian Society of Agronomy place on record his yeomen service to the cause of the society and will look forward for his continued guidance.



**DR RAJ KUMAR RAI** retired from active service on 31 August, 2009 after rendering over 35 years of service at IARI, New Delhi. Dr Rai born on 3 August,

1947 in Swarnsar village of Mau district, Uttar Pradesh obtained M.Sc. (1970) and Ph D (1977) from BHU, Varanasi besides doing post-doc from Royal Veterinary Agricultural University, Copenhagen, Denmark. He started his career as SRA in 1972 at IARI, New Delhi, became Scientist in 1975 and rose to the position of Professor (Agronomy) in 2007. He served as Master of Hall of Residences since March 2004. He also held the charge of the head of division for a month (August, 2009). Soil fertility was his specialized area of research throughout the career. Dr. Rai was a good teacher and has guided 3 M.Sc. and 20 for Ph D students. He was awarded Best Teacher Award of IARI (2005) and has over 200 publications to his credit. He can be contacted at: H. No. 308, street no: 3, sector- 23 (HUDA), Gurgaon, Haryana-122 001 (Mb: 09868357262)

The Indian Society of Agronomy wishes him an active and blissful retirement life.



**DR C.M. SINGH**, Director Extension, NDU&T, Kumarganj, Faizabad, Uttar Pradesh retired from active service on 30 June, 2009 after 39 years of service in various capacities. Dr Singh started his career as lecturer in B.R.D. College, Deoria, rose to the position of Professor & Head

Agronomy (15 years) and Director of Extension Education at HPKV Palampur (4 years) and also served as Director Extension (9 years) at NDU&T, Faizabad. Dr Singh has to his credit 200 each of research papers, training manuals, 250 popular articles besides a book on weed management. He has guided 19 Ph.D. and 18 M.Sc. students. He has completed over 25 research projects on various aspects of Agronomy. He was bestowed with several awards like Kheti Puraskar of ICAR, Himachal Kesari Award, Fellow, Indian Society of Agronomy, Gold Medal, Indian Society of Weed Science. Dr Singh settled at: House No. MIG-168, Rapti Nagar, Phase-I, P.O. Arogya Mandir, Gorakhpur, Uttar Pradesh. Mb. 09450045611: 0551-2503040(R).

The Indian Society of Agronomy wishes him an active and blissful retirement life.



**DR PRAFULLA KUMAR MAHAPATRA**, has retired from active service as the Dean, College of Agriculture,

Orissa University of Agriculture and Technology, Bhubaneswar on 31 May, 2009. He was the President of the Indian Society of Agronomy, Orissa Chapter and has been awarded with the Fellow of Indian Society of Agronomy (2004) for his outstanding contribution for publicity and dissemination of the science of Agronomy. He has guided 17 Ph D students. He has made notable contributions in the field of dyland agronomy and water management. He has visited Israel as an expert member to study the dry farming techniques. The Indian Society of Agronomy wishes him an active and blissful retirement life.

Dr Mahapatra can be contacted at : Plot No. 1046/1, Jagmohan Nagar, Khandagiri, Bhubaneswar-751 030 (Mo. 09437114786).

**DR N.L. JOSHI** retired from active service on 31 December, 2009 after rendering over 33 years of distinguished service. Born on 29 December, 1947 at Deogarh, Rajasthan Dr Joshi did his M.Sc. (1972) and Ph D (1976) in Agronomy from GBPUAT, Pantnagar. He started his career in 1976 as Assistant Agronomist at RCA, Udaipur and shifted to ICAR system in 1977 as Scientist at CAZRI, Jodhpur and served there till retirement. At the time of retirement, he was working as Head, Research Coordination and Management Cell, CAZRI, Jodhpur.

He has developed agro techniques for farming systems in arid and drought-prone areas. Standardized agronomic practices under drip irrigation system for efficient

water use. Developed techniques to mitigate the adverse effects of soil crust formation on seedling emergence. This technique has been recommended by the Govt. of Rajasthan to the farmers for adoption, and is now widely practiced in the desert. Evaluated and developed technologies for efficient use of applied energy inputs, mostly from fast depleting non renewable resources. Quantified growth and development of pearl millet in relation to thermal time. Modified CERES millet model for simulation of pearl millet productivity under optimum moisture and rainfed conditions. Developed growth sub-routines for Agricultural Production Systems Simulator (APSIM) and tested its validity under arid conditions. Participated in Transfer of Technology (TOT) programme of Operational Research Project (ORP) of CAZRI and served as Chairman of Committee on TOT for drip and sprinkler programme. Also worked as Lead Scientist in Farming Systems Programme of CAZRI. Visited Israel, USA and Jordan for collaborative research and scientific discussions. Authored 210 publications

Negotiated research grants from FERRO (USA), ICRISAT, NATP and DST, and worked as Leader of such projects. As Head of Regional Research Station, Pali, contributed significantly to Institution building activities, which included creation of field facilities, adding new equipments and resource generation of more than 0.5 million with in a short span of two years. Established the Directorate of Arid Agro-ecosystem at CAZRI and created facilities for its efficient functioning. Organized International Workshops (2), International Conference (1), International Training Programme (1), Summer School/Short Courses (3), and National conference and Symposium (2) in the capacity of Organizing Secretary/Course Director, etc.

He was an invited lead speaker at several International and national Symposia. Worked as Member, Project Formulation and Coordination Committee, IGNP, and Standing Committee on ORP, IGNP, Government of Rajasthan; Research Council, Agricultural University, Udaipur; Research Advisory Group, Arid Forest Research Institute, Jodhpur and the Institute Management Committee, CAZRI. Also, worked as Member Secretary, Scientific Advisory Panel, Arid Agro-ecosystem; Research Advisory Committee, CAZRI and the Scientific Research Council, CAZRI. Worked as Member, Editorial Board of Indian Journal of Agronomy and Annals of Arid Zone; both having good international standing.

In recognition of the scientific contributions in the field of agronomy, I was nominated Fellow of Indian Society of Agronomy (2000). Served Indian Society of Agronomy as Councilor for Rajasthan, and the Arid Zone Research Association of India in the capacity of Joint Secretary, Secretary and Vice Chairman.

Dr Joshi is settled in Udaipur and can be contacted at: Shishir, Behind Hanuman Temple, Sardarpura 3<sup>rd</sup> Street, Udaipur-313 001, Rajasthan.

## OBITUARY



**DR RAM PAL SINGH AHLAWAT**, former President of Indian Society of Agronomy and Vice Chancellor, Navsari Agricultural University (NAU), Navsari, breathed his last on 5 May 2009. Dr Ahlawat born on 4 April, 1945, did his masters and Ph D from GBPUAT, Pantnagar. Starting career as a Research Assistant, he served GBPUAT, Pantnagar as Assistant/Deputy Director (Seed Production) before joining Gujarat Agricultural University (GAU) in 1977 as Associate Director of Research at Junagadh and Navsari. He served as an Expert on Farming Systems in Surinam of French Guyana for 3 years (1978-81). Dr Ahlawat had risen to the chair of Director of Research & Dean, P.G. Studies in 1997 and was instrumental in bringing as many as 80 NATP projects as well as in the creation of several Centers of Excellence viz. Post harvest Technology, Soil & Water Management, Agro-Product Processing Unit and castor research. In recognition of his outstanding contributions, he was entrusted with the responsibility to lead GAU as Vice-chancellor (2003-04) and NAU (Since 2004). He guided 14 Masters' and 8 Ph.D. students and published over 50 research papers in journals of repute. He had initiated several progressive measures for strengthening of infrastructure. Establishment of Advance Centre for Research on Biotechnology, Control Laboratory, Pesticide Assessment and Food Quality Testing Unit, Aquaculture Unit are his noteworthy accomplishments. Dr Ahlawat's leadership registered a two-fold accumulation of Revolving Fund without touching a penny of Foundation Fund, an unique example of his financial acumen to facilitate optimum utilization of available resources and professional expertise NAU has shown the way for adopting consortium approach with appropriate institutional linkages in

frontier areas like biotechnology as well as to encourage contract farming. The last National Symposium organized by the Indian Society of Agronomy at Navsari under his president ship was a resounding success. Dr Ahlawat possessed a positive aura of a proactive person. He an ideal role model for youngsters to emulate his values of life viz. honesty of purpose, missionary fervour, simplicity in words and deeds and optimism as well as pragmatism. In the passing away of Dr Ahlawat, country lost a leading scientist and agronomist of national repute. He leaves behind his wife and two sons.



**DR RAJAT DE** a renowned agronomists has breathed his last on 21 May 2009. Born on 18th November 1925 at Darbhanga in Bihar, Dr De started his professional career at the Sugarcane Research Station, Jalandhar (Punjab), moved from there to the CPRI, Shimla, before joining as Agronomist at the IARI, New Delhi in 1962 and served the division of Agronomy as Professor & Head and Joint Director (Research) IARI. he was responsible for developing relay-cropping system with 400% intensity (maize-potato-wheat-summer mung). The expertise of Dr De in dry land agriculture was utilized by international organization like the FAO, ADB, IFAD, the Winrock International and the CIDA by appointing him as a consultant for various countries in south-east Asia and sub-Saharan Africa since 1974. He guided 11 M.Sc. and 20 Ph.D. students. He published more than 200 scientific papers besides contributing chapters in several books. His contributions in dry land agronomy earned him a Fellowship of the INSA in 1985, a rare distinction for an Agronomist. He was also a Fellow of the NAAS (1995). He was recipient of Indian Society of Agronomy fellow (1988) and gold-medal (2005) and also prestigious Borloug award of CIMMYT (1986). He leaves behind his wife and two sons. In the passing away of Dr De, country has lost a great teacher-cum-researcher.



**DR BASAPPA NARASIMHA REDDY**, Principal Scientist (Agronomy) passed away on March 22, 2009 after a brief illness. Born on July 3, 1952 in Karnataka, Dr. B.N. Reddy had his education in Karnataka and has done his Ph.D in Agronomy from IARI, New Delhi. He started his career in University of Agricultural Sciences at

Raichur (September 1973 to 1978) and joined ICAR service on January 10, 1978 as Scientist at Directorate of Oilseeds Research (DOR), and became Principal Scientist in the same institute in 1998. Dr B.N. Reddy also served briefly at Indian Institute of Spices Research, Calicut as Senior Scientist (Agronomy). His contributions in the field of oilseed agronomy are well known nation wide. He published over 120 publications in reputed journals. He was actively involved in the Indian Society of Oilseeds Research and also served as its Secretary. He was recipient of FAI Dhiru Moraji Memorial award (1983), FAI Silver Jubilee Award for outstanding doctoral research on fertilizer use (1987). Dr. Reddy was actively involved in the Indian Society of Oilseeds Research and has served as its Secretary for two terms. Dr Reddy was also functioned as IMC member of DOR and DRR, Hyderabad. Dr B.N. Reddy was survived by his wife and two sons.



**DR SUBHAS CHANDRA PRAMANIK**, breathed his last on 18<sup>th</sup> January 2009 after a prolonged illness. Dr Pramanik was born on

28<sup>th</sup> January 1963 in a village in Shantiniketan district of West Bengal. Started his career as Scientist at CSSRI, Karnal, and became Principal Scientist at IIPR, Kanpur 2007. His contributions include nutrient recycling arecanut based intercropping systems, integrated soil moisture conservation in watershed areas, runoff harvesting and recycling technology and integrated crop fish farming model. He was a recipient of ICAR Outstanding Team Research 2001-2002 for livestock production and management and S.J. Hiran Award for watershed management. He has published more than 150 research papers/articles in reputed journals. He leaves behind his wife, son and a daughter.

**DR TEJ PAL SINGH**, a teacher of excellence, was born in a farmer's family in a village of Muzaffarnagar district of Uttar Pradesh. He completed his early education from the local schools of the district and received Master's degree from Government College, Kanpur. He taught Agronomy for a brief period at RMPPV, Gurukul Narsan, a constituent college of Agra University at that time. Later on the moved to Amar Singh Post-Graduate College, Lakhaoti (Bulandshahr, Uttar Pradesh) and continued in the same college teaching graduate and post-graduate students till his retirement at the age of 62 years. He served the college in various capacities including its Principal.

He guided large number of M Sc and Ph D students and published about 50 research papers in reputed journals. He was actively involved in various committees of the university, and was well known for his managerial capabilities. In the passing away of Dr Singh, the agronomist's community has lost a valuable versatile teacher and colleague. He left behind two sons.

The members of Indian Society of Agronomy express heartfelt condolences to the bereaved families and pray to almighty that their souls may rest in peace.

#### ISA LIFE MEMBERS 2009

- Dr K. Chandrasekhar, Bapatla, Andhra Pradesh (AP/2009/2068)  
 Dr Nayanjyoti Ojha, Jorhat, Assam (A/2009/2113)  
 Dr V.K. Choudhary, Basar, Arunachal Pradesh (Arunachal P/2009/2071)  
 Dr Sarovar Kumar, Patna, Bihar (B/2009/2095)  
 Dr Manohar Prasad Singh, Patna, Bihar (B/2009/2139)  
 Mr. Ram Lal Chaudhary, IARI, New Delhi (ND/2009/2070)  
 Dr Rama Krishna Gandhi Idupuganti, IARI, New Delhi (ND/2009/2077)  
 Dr A.K. Gogoi, ICAR, New Delhi (ND/2009/2078)  
 Dr Ashaq Hussain, IARI, New Delhi (ND/2009/2080)  
 Dr Mukesh Kumar, IARI, New Delhi (ND/2009/2092)  
 Dr Bharat Prakash Meena, IARI, New Delhi (ND/2009/2102)  
 Dr Hari Om, IARI, New Delhi (ND/2009/2114)  
 Dr Vijay Pooniya, IARI, New Delhi (ND/2009/2120)  
 Dr Rang Lal Meena, IARI, New Delhi (ND/2009/2124)  
 Dr Seema Sepat, IARI, New Delhi (ND/2009/2127)  
 Dr Bhanvadia Ajay Kumar, Anand, Gujarat (GUJ/2009/2062)  
 Dr R.A. Jat, Navsari, Gujarat (GUJ/2009/2083)  
 Dr B.S. Patel, Sardarkrushinagar, Gujarat (GUJ/2009/2118)  
 Dr B.R. Kamboj, Yamunanagar, Haryana (H/2009/2084)  
 Dr Rajpal Meena, Karnal, Haryana, (H/2009/2103)  
 Dr Rameshwar Lal Meena, Karnal, Haryana (H/2009/2104)  
 Dr Vivek Manohar Arya, Jammu, JAMMU & KASHMIR (JK/2009/2056)  
 Dr Vijay Khajuria, Jammu, Jammu & Kashmir (J&K/2009/2089)  
 Dr Sunil Kumar Mishra, Rajauri, Jammu & Kashmir (J&K/2009/2106)

- Dr S. Panotra Narinder, Samba, Jammu & Kashmir (J&K/2009/2116)  
 Dr Uday Kumar Singh, Bokaro, Jharkhand (JH/2009/2144)  
 Dr N.P. Thakur, Mandi, Himachal Pradesh (HP/2009/2148)  
 Dr H.T. Chandranath, Raichur, Karnataka (KAR/2009/2067)  
 Dr C.P. Chandrashekhar, Belgaum, Karnataka (KAR/2009/2069)  
 Dr S. Raj Kumara, Navalgund, Karnataka (KAR/2009/2097)  
 Dr N. Krishnamurthy, Bangalore, Karnataka (KAR/2009/2108)  
 Dr U.K. Shanwad, Dharwad, Karnataka (KAR/2009/2129)  
 Dr Sunil Datt Billore, Indore, Madhya Pradesh (MP/2009/2063)  
 Dr Dev Vrat Singh, Indore, Madhya Pradesh (MP/2009/2135)  
 Dr Dharvendra Singh, Morena, Madhya Pradesh (MP/2009/2136)  
 Dr D.S. Tomar, Ujjain, Madhya Pradesh (MP/2009/2150)  
 Dr V.B. Upadhyay Jabalpur, Madhya Pradesh (MP/2009/2154)  
 Dr R.P. Andhale Ahmednagar, Maharashtra (MS/2009/2054)  
 Dr D.N. Anikar, Akola, Maharashtra (MS/2009/2055)  
 Dr G.J. Bhagat, Akola, Maharashtra (MS/2009/2061)  
 Dr D.P. Dhonde, Ahmednagar, Maharashtra (MS/2009/2073)  
 Dr D.T. Dhule, Akola, Maharashtra (MS/2009/2074)  
 Dr B.K. Farkade, Amravati, Maharashtra (MS/2009/2075)  
 Dr G.S. Gaikwad, Akola, Maharashtra (MS/2009/2076)  
 Dr P.G. Ingole, Akola-444 505, Maharashtra (MS/2009/2081)  
 Dr R.L. Isal, Akola, Maharashtra (MS/2009/2082)  
 Dr A.K. Kolge, Dhule, Maharashtra (MS/2009/2090)  
 Dr B.D. Malunjar, Jalgaon, Maharashtra (MS/2009/2101)  
 Dr K.K. Metange, Akola, Maharashtra (MS/2009/2105)  
 Dr B.S. Morwal, Akola, Maharashtra (MS/2009/2107)  
 Dr S.S. Nawale, Ahmednagar, Maharashtra (MS/2009/2112)  
 Dr Pankaj U. Raundal, Pune, Maharashtra (MS/2009/2125)  
 Dr N.W. Raut, Akola, Maharashtra (MS/2009/2126)  
 Dr H.N. Sethi, Akola, Maharashtra (MS/2009/2128)  
 Dr B.T. Shete, Ahmednagar, Maharashtra (MS/2009/2130)  
 Dr Renuka H. Shinde, Pune, Maharashtra (MS/2009/2131)

- Dr B.T. Sinare, Ahmednagar, Maharashtra (MS/2009/2132)
- Dr Ulhas S. Surve, Ahmednagar, Maharashtra (MS/2009/2146)
- Dr A.S. Tayade, Nagpur, Maharashtra (MS/2009/2147)
- Dr S.S. Tuwar, Ahmednagar, Maharashtra (MS/2009/2153)
- Dr Hemant Manohar Patil, Ahmednagar, Maharashtra (MS/2009/2119)
- Dr Aditya Kumar Singh, Barapani, Meghalaya (MEG/2009/2134)
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- Dr Jagmohan Kaur, Ludhiana, Punjab (PB/2009/2085)
- Dr Jagroop Kaur Ludhiana, Punjab (PB/2009/2086)
- Dr Navneet Kaur, Ludhiana, Punjab (PB/2009/2087)
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