

PAPERS PUBLISHED (1999-2009) Alphabetical

- Andow DA and JS Bentur. 2010. Pedigreed crosses to estimate recessive virulence allele frequencies in natural populations of gall midges. *Entomologia Experimentalis et Applicata* 135: 18-36.
- Anjana Devi T, N Sarla, EA Siddiq and Ravi Sirdeshmukh. 2010. Activity and expression of adenosine diphosphate glucose pyrophosphorylase in developing rice grains: Varietal differences and implications on grain filling. *Plant Science Elsevier* 178: 123–129.
- Arunakanthi B, M Srinivasprasad, K Madhanmohan, SM Balachandran, MS Madhav, CS Reddy and BC Viraktamath. 2008. Introgression of Major Blast Resistance Genes *Pi-1*, *Pi-2* and *Pi-k^h* in indica Rice Cultivars Samba Mahsuri and Swarna. *Journal of Mycology and Plant Pathology* 38 (3): 625-630.
- Babu V R., Sandhya Kishore, N. Shobha Rani and Ravichandran, 2006. Genetic divergence analysis using quality traits in rice genotypes (*Oryza sativa* L.). *Oryza*, 43(4):260-263.
- Babu V.R., N.S. Kishore, , S.Ravichandran et al. (2006) “Genetic divergence in aromatic rice genotypes, Andhra Agric.J, 52 (3&4), 407-10.
- Babu V.R., N.Shobha Rani, S.Ravichandran et al. (2006) “Genetic divergene analysis using quality traits in rice genotypes”, *Oryza*, Vol.3, No.4, 260-63.
- Balachandran S M, Sarma N P and Siddiq E A. 1999. Inheritance of anther culture response in rice. *Current Science*. 77 (7): 962-964.
- Balachandran S M, Sarma N P and Siddiq E A. 2001.The effect of cytoplasmic male sterility factor in rice anther culture. *Rice Genetics Newsletter*.18: 63-66.
- Balaji V, Shaik N.Meera and S. Dixit, 2007. ICT-enabled Knowledge Sharing in Support of Extension: Addressing the Agrarian Challenges of the Developing World Threatened by Climate Change, with a Case Study from India. <http://www.icrisat.org/Journal/SpecialProject/sp9.pdf>. *E-Journal of Semi Arid Tropics (SAT) Agricultural Research*.4 (1): Pp 19.
- Balasubramanian V, Vijayakumar C H M and Ahmed M I. 1999. Preflowering dry matter and yield components relationships in rice hybrids. *Indian Journal of Plant Physiology*. 4 (NS): 55-57.
- Bansal U K, Saini R G and Shobha Rani N. 1999. Purification and evaluation of rice germplasm. *Plant Genetic Resources Newsletter*.117: 59.
- Bansal U K, Saini R G and Rani N S. 2000. Heterosis and combining ability for yield, its components and quality traits in some scented rices (*Oryza sativa* L). *Tropical Agriculture* 77(3): 180-187.

- Bansal U K, Saini R G, Shobha Rani N and Kaur A. 1998. Genetic divergence in quality rices (*Oryza sativa* L.). *Oryza* 36 (1): 20-23.
- Bentur JS, P Vijaya Lakshmi, VSAK Sama, Ch Padmavathy and K Himabindu. 2009. Sources of resistance to the new 4M biotype of rice gall midge, *Orseolia oryzae* (Wood-Mason). *Indian Journal of Agricultural Sciences* 79(11):844-846.
- Bentur J S, Andow D A, Cohen M B, Romena A M and Gould F. 2000. Frequency of alleles conferring resistance to a *Bacillus thuringiensis* toxin in a Philippine population of a rice stem borer, *Scirpophaga incertulas* (Lepidoptera : Pyralidae). *Journal of Economic Entomology* 93(5): 1515-1521.
- Bentur J S, Cohen M B and Gould F. 2000. Variation in performance of cry1Ab-transformed and non-transgenic rice varieties among populations of *Scirpophaga incertulas* (Lepidoptera: Pyralidae) from Luzon Island, Philippines. *J. Economic Entomology* 93(6): 1773-1778.
- Bentur J S, Sarma N P, Bhatnagar Raj, Sucha C V and Sivaprasad D. 1999. Evaluation of insecticidal proteins from microbial and plant origin against insect pests of rice. *Insect Science and its Application* 19 : 223-228.
- Bentur J.S, C. Cheralu and P. Ram Mohan Rao, 2008. Monitoring virulence in Asian rice gall midge populations in India. *Entomologia Experimentalis et Applicata* 129: 96-106.
- Bhat S and Sarla N. 2004. Identification and overcoming barriers between *Brassica. rapa* L.em. Metzg. and *B. nigra* (L.) Koch crosses for the resynthesis of *B. juncea* (L.) Czern.. *Genetic Resources and Crop Evolution*, Netherlands 51(5): 455-469.
- Biradar S K, Sundaram R M, Thirumurugan T, Bentur J S, Amudhan S, Shenoy VV, Mishra B, Bennett J and Sarma N P. 2004. Identification of flanking SSR markers for a major rice gall midge resistance gene Gm1 and their validation. *Theoretical and Applied Genetics* 109: 1468-73.
- Bora D K, Bhuyan U, Katti G, Pasalu I C and Venkateswarlu B. 2004. Integrated approach for management of insect pests in rainfed Sali rice in Assam. *Shashpa* 11(2) :171-174.
- Bora D K, Bhuyan U, Katti G and Pasalu I C. 2004. Quantification of insect pest and natural enemy incidence *vis a vis* yield. *Uttar Pradesh Journal of Zoology*, 24(2): 187-190.
- Channamallikarjuna V, H Sonnh, M Srinivas Prasad, GJN Rao, S Chand, HC Uprethi, NK Singh and TR Sharma. 2009. Identification of major quantitative trait loci qSBR11-1 for sheath blight resistance in rice. *Molecular breeding* 25:155-166.
- Chitra Shanker and S Uthamasamy. 2010. Evaluation of some medicinal plants and their mixtures for their bio-efficacy against crop and stored product pests. *Archives of Phytopathology and Plant Protection* 43(2): 140–148.

- Cohen M B, Gould F and Bentur J S. 2000. *Bt* rice : practical steps to sustainable use. International Rice Research Notes 25(4) 5-11.
- Dinaker C and Muralidharan K. 2006. Spore production, germination and appressorium formation by *Pyricularia grisea* as influenced by nutrients and leaf components of resistant and susceptible rice cultivars. J Mycol Pl Pathol 36(2): 226-233.
- Dirie A M, Cohen M B and Bentur J S. 1999. A procedure for determining the mating status of the yellow stem borer. International Rice Research Notes 24(3): 19-20.
- Fitzgerald M A, CJ Bergman, AP Resurrección, J Möller, R Jimenez, RF Reinke, M Martin, P Blanco, F Molina, M Chen, V Kuri, MV Romero, F Habibi, T Umemoto, S Jongdee, E Graterol, KR Reddy, PZ Bassinello, R Sivakami, N Shobha Rani, Sanjukta Das, YJ Wang, SD Indrasari, A Ramli, A Rauf, SS Dipti, L Xie, NT Lang, Pratibha Singh, DC Toro, Fa Tavasoli. 2009. Addressing the dilemmas of amylose in rice. Cereal Chemistry 86(5): 492-498.
- Gururaj Katti, I.C. Pasalu, R.C. Dani, D.K. Bora, M.P. Singh, C.R. Satpathi P.S. Reddy and B. Venkateswarlu. 2006. Integrated Pest Management in Rainfed Rice Production Systems of India – A Farmers’ Participatory Study. *Oryza*, 43(4) 296-304.
- Gururaj Katti, Pasalu I C, Rao P R M, Verma N R G, Krishnaiah K, Escalada M M and Heong K L. 2004. Farmers perceptions, Knowledge and Practices related to integrated pest management in high production systems of rice in South India- A case study. Indian Journal of Plant Protection 32(2):11-16.
- Gururaj Katti, I. C. Pasalu, N.R.G. Verma, P.R.M. Rao and K. Krishnaiah. 2006. Tritrophic interactions of varieties, brown planthopper and natural enemies in irrigated rice. *Oryza*, 43(2): 119-124.
- Gururaj Katti, I. C. Pasalu, P.R.M. Rao, K. Krishnaiah and N.R.G. Verma. 2006. Effect of multiple pest injuries on rice yields. Indian Journal of Agricultural Research 40(4):298-301.
- Hamid Miah and Sarma N P, 2001. Hybrid rice – progress, issues and outlook for Bangladesh. International Rice Commission Newsletter (FAO) 49: 65-70.
- Hari Prasad A S, Neeraja C N, Sarla N, Siddiq E A. 2005. Comparative evaluation of SSR and ISSR markers for polymorphism in landraces and elite varieties of rice (*Oryza sativa* L). Journal of Plant Biochemistry and Biotechnology 14: 49-51.
- Himabindu K, Suneetha K, Sama VSAK, Cheralu C, Rao PRM and Bentur JS. 2010. A new gene for gall midge resistance in rice variety MR1523. Rice Genetics News Letter 25:73.
- Himabindu K, K Suneetha, VSAK Sama and JS Bentur. 2009 A new rice gall midge resistance gene in the breeding line CR57- MR1523, mapping with flanking markers and development of NILs. *Euphytica* 174: 179-187.

- Himabindu K, Sundaram RM, Neeraja CN, Mishra B and Bentur JS. Flanking SSR markers for allelism test for the Asian rice gall midge (*Orseolia oryzae*) resistance genes. *Euphytica* 157:267-279.
- Himabindu K, VS Arun Kumar Sama, S Bhaskar Naik, J Pranitha, Pallavi Sinha, N Sadasiva and JS Bentur. 2009. Genetic diversity in rice (*Oryza sativa* L.) genotypes resistant and susceptible to the asian rice gall midge *Orseolia oryzae* (wood-mason). *Indian Journal of Plant Genetic Resources* 22(2): 108-112.
- Ilyas Ahmed and Abeysiriwardana S. 2001. Hybrids identified for on-farm testing in Sri Lanka. *Hybrid Rice Newsletter*. 3(1): 7.
- Ilyas Ahmed and Julfiqar A W. 2001. First Rice Hybrid Released for Bangladesh. *Hybrid Rice Newsletter*. 3(1): 6.
- Jaikishen I, P Rajendrakumar, MS Ramesha, BC Viraktamath, SM Balachandran, CN Neeraja, K Sujatha, K Srinivasa Rao, P Natarajkumar, Y Hari, AS Ramaprasad and RM Sundaram. 2009. Prediction of heterosis for grain yield in rice using 'key' informative EST-SSR markers. *Plant Breeding* DOI: 10.1111/j.1439-0523.2009.01633.x (available online).
- Jaikishen I, Ramesha MS, Rajendrakumar P, Rao KS, Neeraja CN, Balachandran SM, Viraktamath BC, Sujatha K and Sundaram RM 2007 Characterization of genetic diversity in hybrid rice parental lines using EST-derived and non-EST SSR markers. *Rice Genetics Newsletter* 23: 24-28.
- Jayaprakash P and Sarla N. 2001. Development of an improved medium for germination of *Cajanus cajan* (L.) Millsp. Pollen *in vitro*. *Journal of Experimental Botany* 52(357): 851-855.
- Jayaprakash P, Sarla N and Govil J N. 2000. An optimal medium for *in vitro* pollen germination of pigeon pea (*Cajanus cajan* L. Millsp) genotypes. *International Chickpea and Pigeonpea Newsletter* 7: 78.
- Jayaprakash P, Sarla N and Govil J N. 2000. Standardization of *in vitro* pollen germination media for two wild species of pigeonpea. *International Chickpea and Pigeonpea Newsletter* 7: 79.
- Jayaprakash P and Sarla N. 2000. Interspecific hybridization in pigeon pea - use of detached pistils in studying crossability barriers and treatment effects in pigeon pea. *International Chickpea and Pigeonpea Newsletter* 7: 46.
- Jhansi Lakshmi V , Pasalu, I.C, Krishnaiah K 2007. Kairomonal activity of insect body extracts of rice planthoppers and leafhopper on predatory mirid bugs *C. lividipennis* and *Tytthus parviceps* (Miridae: Hemiptera) *Oryza* 44(1): 86-89.
- Jhansi Lakshmi V and I.C. Pasalu, 2007. Role of artificial foods, honey and sucrose as kairamones to the predatory mirid bug, *Cyrtorhinus lividipennis* Reuter. *Madras Agricultural Journal* 94 (1-6): 61-63.

- Jhansi Lakshmi V, Katti G, Krishnaiah N V and Mahesh Kumar K. 1998. Safety of neem formulations *vis-a-vis* insecticides to *Cyrtorhinus lividipennis* Reuter, a predator of brown planthopper *Nilaparvata lugens* (Stal) in rice crop. *Journal of Biological Control* 12 (2): 119-122.
- Jhansi Lakshmi V, Krishnaiah K, Lingaiah T and Pasalu I C. 2000. Rice leafhopper and planthopper honeydew as a source of host searching kairomone for the mirid bug predator, *Cyrtorhinus lividipennis* (Reuter) (Hemiptera: Miridae). *Journal of Biological Control*, 14(2) : 7-14.
- Jhansi Lakshmi V, Krishnaiah N V and Pasalu I C. 2004. Relative safety of combination products to green mirid bug, *Cyrtorhinus lividipennis* Reuter, a major predator of brown planthopper *Nilaparvata lugens* (Stal) in rice. *Indian Journal of Plant Protection* 32(1): 132-134.
- Jhansi Lakshmi V, Krishnaiah N V, Pasalu I C, Krishnaiah K and Lingaiah T. 2001. Safety of thiamethoxam to *Cyrtorhinus lividipennis* Reuter, a predator of brown planthopper, *Nilaparvata lugens* (Stal) in rice. *Journal of Biological Control*.15 (1): 53 – 58.
- Jhansi Lakshmi V, Krishnaiah N V, Pasalu I C, Lingaiah T and Krishnaiah K. 2001. Evaluation of safety of some insecticides to brown mirid bug, *Tytthus parviceps* (Reut), a predator of brown planthopper, *Nilaparvata lugens* (Stal) in rice. *Journal of Biological Control*.15 (1): 43 – 48.
- Jhansi Lakshmi V, Krishnaiah, N.V and Pasalu I.C. 2006. Relative safety of selected acaricides to three hemipteran natural enemies of planthoppers in rice ecosystem. *Journal of Biological Control*, 20(2): 141-146.
- Jhansi Lakshmi V, Pasalu I C, Krishnaiah K and Lingaiah T. 2002. Comparative biology and prey preference of *Cyrtorhinus lividipennis* Reuter and *Tytthus parviceps* (Reuter) (Hemiptera : Miridae) on planthoppers and leafhopper of rice. *Journal of Biological Control* 16(2): 103-107.
- Jhansi Lakshmi V, Pasalu, I.C Krishnaiah K 2006. Role of rice plant and its extracts in attracting Predatory mirid bugs, *Cyrtorhinus lividipennis* Reuter and *Tytthus parviceps* (Reuter) (Homoptera:Miridae) *Journal of Biological Control* 20(2): 174-181.
- Jhansi Lakshmi V, Pasalu I.C 2006. Effect of artificial foods, honey and sucrose as kairomones and food materials on the predatory mirid bug, *Tytthus parviceps* (Reuter). *Shashpa*, 13(1): 13-17.
- Jhansi Lakshmi, V, N.V.Krishnaiah, I.C. Pasalu and G. Katti, 2008. Bio-ecology and management of rice mites - A Review. *Agricultural Reviews* 29 (1): 31-39.
- Kaladhar K, BPM Swamy, A Prasad Babu, C Surendhar Reddy and N Sarla. 2008. Mapping quantitative trait loci for yield traits in BC₂F₂ population derived from Swarna x *O. nivara* cross. *Rice Genetics Newsletter* 24: 34-6.

- Katiyar S K, Chandel G, Tan Y, Zhang Y, Huang B, Nugaliyadde L, Fernando K, Bentur J S, Inthavong S, Constantino S and Bennett J. 2000. Biodiversity of Asian rice gall midge (*Orseolia oryzae*) from five countries examined by AFLP analysis. *Genome* 43: 322-332.
- Katti G, Pasalu I C, Verma N R G and Dhandapani N. 2001. Quantification natural biological control in rice ecosystem for possible exploitation in rice IPM. *Indian Journal of Entomology*.63: 439-448.
- Katti G, Pasalu I C, Verma N R G and Krishnaiah K. 2001. Integration of pheromone mass trapping and biological control as an alternate strategy for management of yellow stem borer and leaf folder in rice. *Indian Journal of Entomology*.63: 325-328.
- Katti G, Pasalu, I C and Krishnaiah K. 2000. Quantifying the role of natural biological control in rice- a case study in a farmer's field. *Journal of Biological Control* 14(2): 15-21.
- Kishore N.S., S.Ravichandran et al. (2006) "Correlation and path analysis in rice genotypes" – *Agri. Science Digest*.
- Kishore N.S., V.R.Babu, S.Ravichandran et al. (2006) "Genetic Divergencein rice", *Crop Crop Improvement Society. Andhra Agric.J*, 52 (3&4), 407-10.
- Krishna Veni B. and N. Shobha Rani, 2006. Association of grain yield with quality characteristics and other yield components in rice. *Oryza* 43(4): 320-322.
- Krishna Veni B. and N. Shobha Rani. 2007. Combining ability studies for important physico-chemical characteristics in aromatic rice. *Journal of Research. ANGRAU* 35 (3): 13-20.
- Krishna Veni, B. and N. Shobha Rani, 2007. Association and path analysis studies for yield and yield components in rice. *Journal of Research, ANGRAU* 35 (1): 114 -118.
- Krishna Veni, N. Shobha Rani and A.S. Rama Prasad, 2006. Genetic parameters for quality characteristics in aromatic rice, *Oryza* 43 (3): 234-237.
- Krishnaiah K and Shobha Rani N. 2000. New avenues for augmenting and sustaining rice exports from India. *International Rice Comm. News Letter*. 49, 42-51.
- Krishnaiah K, Syed Zainulabeddin, Ganeswara Rao A, Kumar D V S S and Varma N R G. 1998. Pheromone monitoring system of rice yellow stem borer, *Scirpophaga incertulas* Walker. *Indian Journal of Plant Protection*. 26 (2): 99-106 (Published in 2000).
- Krishnaiah K, Varma N R G, Pasalu I C and Syed Zainulabeddin. 1998. Improvement in the efficacy of sex pheromone of yellow stem borer, *Scirpophaga incertulas* with attractants and plant extracts. *Indian Journal of Plant Protection*. 26 (2): 131-137. (Published in 2000).

- Krishnaiah K, Viraktamath B C and Yogeshwara Rao Y. FAO strengthens hybrid rice research and development in Indonesia. Hybrid Rice News Letter 3(1): 6-7.
- Krishnaiah K, Viraktamath B C, Yogeshwara Rao Y, Naniek Nuswantoro and Suwarno. 2002. FAO strengthens hybrid rice research and development in India. Hybrid Rice Newsletter. 3(1): 6.
- Krishnaiah N V, Jhansi Lakshmi V, Pasalu I C, Lingaiah T and Krishnaiah K. 2001. Relative safety of some new insecticides to *Microvelia douglasi atrolineata* Bergroth an aquatic predator of hoppers in the rice ecosystem. Journal of Biological Control. 15 (1): 49 – 52.
- Krishnaiah N V, Katti G and Mahesh Kumar K.1997. A greenhouse study on systemic action of neem formulation in rice. Indian Journal of Plant Protection 25 (1): 24-26.
- Krishnaiah N V, Pasalu, I C, Katti, G, Mahesh Kumar K and Lingaiah T. 2000. Effect of neem formulations on resurgence of brown planthopper, *Nilaparvata lugens* (Stal) under field conditions. Indian Journal of Plant Protection. 28(2): 143-147.
- Krishnaiah N V, Rama Prasad A S, Lingaiah T and Mahesh Kumar K. 2002. Utilization of thiomethoxam and imidacloprid for the management of insect pest complex in rice. Indian Journal of Plant Protection 31(1): 51-55.
- Krishnaiah N V, Rama Prasad A S, Pasalu I C, Mahesh Kumar K and Lingaiah T. 2002. Development of resistance in rice brown planthopper *Nilaparvata lugens* (Stal.) and green leafhopper *Nephotettix virescens* (Dist) to neem formulation. Pesticide Research Journal 14 (1): 01 - 07.
- Krishnaiah N.V, A. Ram Prasad, C. Raghavendra Rao, I.C Pasalu, N.R.G. Verma, S.M.Zaheeruddin, V. Jhansi Lakshmi, Lakshmi Narayanamma, 2007. Population dynamics of rice whitebacked planthopper *Sogatella furcifera* and natural enemies of planthoppers in Gadavari delta of Andhra Pradesh State. Indian Journal of Plant Protection 35 (2):238-242.
- Krishnaiah N.V, Jhansi Lakshmi V, Pasalu I.C 2006. Status of neonicotinoid resistance in rice planthoppers: A review. Agricultural Reviews, 27(4): 298-302.
- Krishnaiah N.V, Jhansi Lakshmi V, Pasalu I.C, Prabhakar P 2006. Feasibility of utilizing imidacloprid as granular formulation against rice brown planthopper *Nilaparvata lugens* (Stal) Indian Journal of Plant Protection, 34(2):195–197.
- Krishnaiah N.V, RamPrasad A, Raghavendra Rao C, Pasalu I.C,. Verma N. R.G, Zaheeruddin S. M, Jhansi Lakshmi V, and Lakshmi Narayanamma 2006. Population dynamics of rice brown

planthopper, *Nilaparvata lugens* in Godavari Delta of Anhra Pradesh State. *Indian Journal of Plant Protection*, 34(2):158-164.

Krishnamurthy P, B. Sreedevi and S.P. Singh, 2007. Evaluation of combination weedicides in transplanted rice. *Indian Journal of Plant Protection*: 35 (2): 331 – 334.

Krishnaprasadji J, Madhavarao D, Krishnamurthy K V M, Ramapandu S and Muralidharan K. 2002. Effect of cultural practices on leaf blotch severity and yield in turmeric. *Indian Journal of Plant Protection* 30:115-119.

Kumar R M. 2000. Effect of herbicides on the control of parasitic weed *Cuscuta* in black gram (*Vigna mungo*). *Journal of Research ANGRAU*. 28 (3): 1-5.

Kumar RM, AGK Murthy, PC Latha, K Surekha, SP Singh, JS Prasad and SV Subbaiah 2008. Enhancement of phosphorus use efficiency (PUE) under rice in vertisols soil. *Journal of Farming Systems Research and Development* 14(1): 111–113.

Kumar R.M, Padmaja K and Subbaih S V. 1999. Tools for plant-based N management in different rice varieties grown in southern India. *International Rice Research Notes* 24(3): 22 - 24.

Kumar R.M, Padmaja K, Subbaih S V and Balasubramanian V. 2000. Varietal response to different nitrogen management methods in irrigated transplanted rice ecosystem in a vertisol, Andhra Pradesh, India. *International Rice Research Notes* 25(2): 32-34.

Kumaresan A, KM Bujarbaruah, KA Pathak, Brajendra and T Ramesh. 2009. Soil–plant–animal continuum in relation to macro and micro mineral status of dairy cattle in subtropical hill agro ecosystem. *Tropical Animal Health Production* 42: 569-577.

Ladhalakshmi D, A Vijayasamundeeswari, V Paranidharan , R Samiyappan and R Velazhahan. 2009. Molecular identification of isolates of *Peronosclerospora sorghi* from maize using PCR-based SCAR marker. *World Journal of Microbiology and Biotechnology* 25: 2129–2135.

Laha G S and Venkataraman S. 2000. Relationship between incidence, severity and yield in sheath rot disease of rice. *Oryza* 37(4): 344-345. (published 2002).

Laha G S and Venkataraman S. 2001. Bio-inoculants to control rice sheath blight disease. *Journal of Mycology and Plant Pathology*. 31(1): 124-125.

Laha G S and Venkataraman S. 2001. Sheath blight management in rice with bio-control agents. *Indian Phytopathology*. 54(4): 461-464.

- Laha G, J.N. Reddy J, Nagraj Kumar, C.S. Reddy and G. J. N.Rao. 2007. Performance of Swarna lines carrying combinations of bacterial blight resistance genes. *Journal of Mycology and Plant Pathology* 37 (1):74-76.
- Laha GS, R Singh, D Krishnaveni, S Sunder and DS Dodan, 2008. Evaluation of elite cultures for resistance to bacterial leaf blight of rice. *Journal of Mycology and Plant Pathology* 38 (2): 378-380.
- Laha GS, SM Balachandran, RM Sundaram, B Ghoshal, K Datta, B Mishra and SK Datta. 2008. Performance of transgenic Indica rice with *Xa21* gene against Indian isolates of bacterial blight pathogen under field condition. *Trends in Biosciences* 1: 1-4.
- Lingaiah T, Krishnaiah N V, Mahesh Kumar K, Pasalu I C and Krishnaiah K.2000. Effect of neem formulations on the survival of rice leaf folder larvae. *Pestology* 24 (6): 31-33.
- Mackill D.J., E. Septiningsih, A.M. Pamplona, D. Sanchez, K. Iftekhhar, A.S. Masudussaman, B. Collard, C.N. Neeraja, G. Vergara, R. Maghirang-Rodriguez, S. Heuer, A.M. Ismail, 2008. Marker assisted selection for submergence tolerance in rice. *Molecular Plant Breeding* 5 (2): 207-208.
- Madhav SM, Manish K Pandey, P Rajendra Kumar, RM Sundaram, GSV Prasad, I Sudarshan and N Shobha Rani. 2010. Identification and mapping of tightly linked SSR marker for aroma trait for use in marker assisted selection in rice. *Rice Genetics Newsletter* 25:15.
- Mahender Kumar R, AS Ram Prasad, SP Singh, MS Ramesha and SV Subbaiah. 2009. Response of hybrids to N, P and K in different rice soils. *Oryza* 46(4): 293-298.
- Mahender Kumar R, Ch. Padmavathi, K. Surekha, P.C. Latha, P Krishnamurthy and S.P. Singh, 2007. Scope and influence of organic nutrient sources on insect pests and economics of rice production in India. *Indian Journal of Plant Protection*: 35 (2): 264 – 267.
- Mahender Kumar R, K Surekha, Ch Padmavathi , LV Subba Rao, PC Latha, MS Prasad, V Ravindra Babu, AS Ramprasad, OP Rupela, Vinod Goud, P Muthu Raman, N Somashekar, S Ravichandran, SP Singh and BC Viraktamath. 2009. Research experiences on System of Rice Intensification and future directions. *Journal of Rice Research* 2(2): 61-74.
- Mahender Kumar R, Subbaiah S V and Singh S P. 2000. Effect of weed competition and level of nitrogen on performance of rice hybrids. *Indian Journal of Weed Sciences*.32 (1 & 2): 51-54.
- Mahender Kumar R, Subbaiah S V, Padmaja K, Singh S P and Balasubramanian V. 2001. Nitrogen management through soil and plant analysis development and leaf colour charts in different groups of rice (*Oryza sativa*) varieties grown on vertisols of Deccan. *Indian Journal of Agronomy*. 46 (1): 81 – 88.

- Mahender Kumar R. 2004. Studies on host specificity of parasitic weed *Cuscuta*, related to crop plants and weeds . Journal of Research ANGRAU 32 (1): 5-10.
- Mahender Kumar R., J.S. Prasad, M. Shanker Rao and A.G.K. Murthy, 2007. Influence of phosphorus levels and phosphorus solubilising bacteria (PSB) application methods on rice – root nematode population in rice –based cropping system.. Indian Journal Nematology 37: 50-54.
- Mahender Kumar R, A.G.K. Murthy, P.C. Latha, K. Surekha, S.P. Singh, J.S. Prasad and S.V. Subbaiah 2008. Enhancement of phosphorus use efficiency (PUE) under rice in vertisols soil. Journal of . Farming systems research and development. 14 (1): 111 – 113.
- Mahender Kumar R, Subbaiah S V and Surekha K. 2002. Evaluation of mussourie rock phosphate as a source of P in rice-black gram system in vertisols. Journal of Research ANGRAU 30 (1): 1 – 7.
- Mahesh Kumar K, Krishnaiah N V, Lingaiah T, Pasalu I C and Krishnaiah K. 2001. Effect of neem formulations on reproduction and oviposition of *Nilaparvata lugens*, *Sogatella furcifera* and *Nephotettix virescens* of rice. Pesticide Research Journal. 13(1): 48-52.
- Mallikarjuna Swamy, B.P. and N. Sarla, 2008. Yield enhancing QTLs from wild species. Biotechnology Advances 26: 106-120.
- Mangal Sain 2000. Bionomics and management of rice whorl maggot, *Hydrellia* spp. (Diptera: Ephydriidae). A review. Agrl. 21(2) : 110-115.
- Mangal Sain, Bentur J S and Kalode M B. 2001. Influence of agronomic and cultural practices on rice hopper pests and their natural enemies. Journal of Applied Zoological Research. 12(1): 8-13.
- Mangala U.N., K.R.N. Reddy, C.S. Reddy, and K.Muralidharan, 2007. Impact of *Aspergillus flavus* on rice seedling growth and Aflatoxin B₁ production. Indian Journal Plant Protection 35 (1): 76-80.
- Mangala UN, Reddy KRN, Singotamu L, Chary PMS, Reddy CS and Muralidharan K. 2006. Aspergilli colonize and produce aflatoxin B₁ in discolored rice grains. J. Mycol. Pl. Pathol. 36(3): 418-426.
- Meera Shaik N. 2008. Transforming Extension through ICTs: Issues and Strategies for Developing World. Journal of Global Communication 1 (1): 68-75.

- Mishra B, Ilyas Ahmed M, Viraktamath B C and Ramesha M S. 2002. Strategies formulated for large scale adoption of hybrid rice in India. Hybrid Rice Newsletter 3(1): 11.
- Mishra B, Singh R K and Jetly V. 2000. Performance of the rice genotypes under varying soil stresses. Oryza 37: 194-197.
- Mishra B, Viraktamath B C, Ilyas Ahmed M, Ramesha M S and Sukhpal Singh. 2002. Stable and widely adapted rice hybrids identified through multilocation testing. Hybrid Rice Newsletter 3(1): 8.
- Mohanty A, Sarma N P and Tyagi A K. 1999. Agrobacterium-mediated high frequency transformation of an elite indica rice variety Pusa Basmati 1 and transmission of transgenes to R2 progeny. Plant Science 147 : 125-135.
- Muralidhara Rao B., UVRV Saradhi, N. Shobha Rani, S. Prabhakar, GSV Prasad, GS. Ramanjaneyulu and M. Vairamani, 2007. Identification and quantification of methyl nicotinate in rice (*Oryza sativa* L) by gas chromatography-mass spectrometry. Food Chemistry 105: 736-741.
- Muralidharan K. and C. S. Reddy. 2008. Integrated Disease Management as a holistic approach to rice production. Review of Plant Pathology. 4: 29-82.
- Muralidharan K, Krishnaveni D, Laha G S, Reddy C S, Srinivasprasad M and Sridhar R. 2004. Performance of rice blast resistance genes in multi-environment tests in India. Indian Phytopathology 57 (3): 260 – 266.
- Muralidharan K, Krishnaveni D, Laha G S, Reddy C S, Srinivasprasad M and Sridhar R. 2004. Expression of Bacterial blight resistance genes in rice genotypes in India. . Indian Journal of Mycology and Plant Pathology 34 (2): 425 – 430.
- Muralidharan K, Krishnaveni D, Laha G S, Reddy C S, Srinivasprasad M and Sridhar R. 2004. Expression of Bacterial Blight Resistance Genes in Rice Genotypes in India. Indian Journal of Mycology and Plant Pathology 34: 365-371.
- Muralidharan K, Pasalu I C, Prasad A S R and Singh S P. 2004. Yield Losses from Weeds in Rice (*Oryza sativa*) Ecosystems. Indian Journal of Plant Protection 32 (2): 115-121.
- Muralidharan K, Prasad G S V and Rao C S. 2002. Yield performance of rice genotypes in international multi-environment trials during 1976-97. Current. Science 83: 610 -619.

- Muralidharan K, Reddy C S, Krishanaveni D and Laha G S. Field Application of Fluorescent *Pseudomonas* Products to Control Blast and Sheath Blight Diseases in Rice. Indian Journal of Mycology and Plant Pathology 34: 411-414.
- Muralidharan K. , I.C. Pasalu. 2006. Assessments of crop losses in rice ecosystems due to stem borer damage (Lepidoptera: Pyralidae). Crop. Prot. 25: 409–417.
- Muralidharan K. and C. Dinaker. 2007. Quantitative assessment of spore production from leaf, node and neck blast lesions in rice. Journal of Mycology and Plant Pathology 37 (2):215-226.
- Murthy A G K and Venugopala Rao P V. 2002. Economic viability of cropping systems under North Bengal conditions. Journal of Research ANGRAU 30 (4) : 1 – 4.
- Murthy A G K, Padmaja K, Mahender Kumar R and Subbaiah S V. 2003. Effect of controlled release and coated urea fertilizers on 'N' use efficiency in irrigated transplanted rice. Journal of Research ANGRAU (1): 9-13.
- Murthy A G K, Someswara Rao M. 2002. Intercropping of jati tobacco with low canopy crops. Tobacco Research 28 (1): 1 – 4.
- Nagaraj Kumar M, G. S.Laha, and C. S. Reddy, 2006. Role of antagonistic bacteria in suppression of bakanae disease of rice caused by *Fusarium moniliforme* Sheld. Journal of Biological Control 21 (1): 97-104.
- Naik R, Murthy G R K and Sarma I S R P. 2002. Contribution of various paddy tillers towards milling efficiency. Andhra Pradesh Association of Agricultural Engineers. 7(1 & 2):1.
- Narayana Reddy M, and Surekha K. 1999. Role of chickpea in enhancing available P in chickpea-upland rice system in vertisol. Journal of the Indian Society of Soil Science. 47(4): 805-808.
- Natarajkumar P, K Sujatha, GS Laha, B Mishra, BC Viraktamath, CS Reddy, K Srinivasarao, Y Hari, SM Balachandran and RM Sundaram. 2010. Inheritance of bacterial blight resistance in the landrace Acc. 32753. Rice Genetics Newsletter 25:62.
- Natarajkumar P, K Sujatha, GS Laha, BC Viraktamath, CS Reddy, B Mishra, SM Balachandran, T Ram, K Srinivasarao, Y Hari and RM Sundaram. 2010. Identification of a dominant bacterial blight resistance gene from *Oryza nivara* and its molecular mapping. Rice Genetics Newsletter 25:22.
- Neeraja C.N., B. Mishra, K. Srinivasa Rao, R.K. Singh, G. Padmavati and V. V. Shenoy, 2008. Linkage disequilibrium in salt tolerant genotypes of rice (*Oryza sativa*). Journal of Plant Biochemistry and Biotechnology 17 (1): 65-68.

- Neeraja C N N, Vijayabhanu V, Shenoy V, Reddy C S and Sarma N P. 2002. RAPD analysis of Indian isolates of rice sheath blight fungus *Rhizoctonia solani*. Journal of Plant Biochemistry & Biotechnology. 11: 43-48.
- Neeraja C N, Sarla N, Siddiq E A. 2002. Genetic diversity of Indian landraces of rice (*Oryza sativa* L.) characterized by RAPD analysis. Journal of Plant Biochemistry and Biotechnology 11: 1-5.
- Neeraja C N, Shenoy V V, Reddy C S and Sharma N P. 2002. Isozyme polymorphism and virulence of Indian isolates of the rice sheath blight fungus. Mycopathologia 156: 101-108.
- Neeraja C N, Vijayabhanu N, Shenoy V V, Reddy C S and Sarma N P. 2002. RAPD analysis of Indian isolates of rice sheath blight fungus *Rhizoctonia solani*. Journal of Plant Biochemistry & Biotechnology 11: 43-48.
- Neeraja CN, Krishnaveni D, Saivishnupriya K, Prasad GSV and Muralidharan K. 2007. Molecular mapping of resistance to tungro virus in rice cultivars Vikramarya and Utrirajapan. Rice Genetics Newsletter 23:80-83.
- Neeraja CN, Maghirang-Rodriguez R, Pamplona A, Heuer S, Collard BCY, Septiningsih EM, Vergara G, Sanchez D, Xu K, Ismail AM and Mackill DJ. 2007. A marker-assisted backcross approach for developing submergence-tolerant rice cultivars. Theoretical and Applied Genetics DOI 10.1007/s00122-007-0607-0.
- Neeraja CN, VLN Reddy, S Malathi and EA Siddiq. 2009. Identification of alternate dwarfing gene sources to widely used Dee-Gee-Woo-Gen allele of sd1 gene by molecular and biochemical assays in rice (*Oryza sativa* L.). Electronic Journal of Biotechnology 12. DOI 10.2225.
- Neeraja, C.N., Krishnaveni, D., Saivishnupriya, K., Prasad G.S.V. and Muralidharan K. 2006. Molecular mapping of resistance to tungro virus in rice cultivars Vikramarya and Utri Rajapan. Rice Genet Newsl. 23.
- Nirmala B and P Muthuraman. 2009. Economics and Constraint analysis of Rice Cultivation in Kaithal District of Haryana. Indian Research Journal of Extension Education 9(1): 1-4.
- Nirmala B, Jagriti Deshmanya, P Muthuraman, Mangalsain and Shaik N Meera. 2009. Yield gap analysis of rice in Raichur district of Karnataka. Karnataka Journal of Agricultural Sciences 23(1): 58-60.
- Nirmala B. 2008. Resource use efficiency in rice production. Journal of Agricultural Extension Management 9(1): 105-109.

- Padma Kumari A P and Pasalu I C. 2002. Echinochola- A reservoir of pests and natural enemies of rice . Indian Journal plant protection. 30(1). 79-80.
- Padma Kumari A P and Pasalu I C. 2001. Influence of rice crop residues on yellow stem borer, *Scirpophaga incertularis* (walker) damage in rice . Indian Journal of plant protection. 29(1&2). 110-114 .
- Padma Kumari A P, Sarupa M and Krishnaiah N V. 2002. Status of insecticide resistance in rice brown planthopper, *Nilaparvata lugens* Stal. – A review. Agricultural Reviews 23(4): 262-271.
- Padmaja K, Kumar R M, Singh S P, Murthy A G K and Subbaiah S V. 2000. Efficiency of controlled-release urea and coated urea fertilizers in irrigated transplanted rice in Andhra Pradesh, India. International Rice Research Notes 25(2): 30-31.
- Padmakumari A P and Pasalu I C. 2004. *Haltica cyanea* Weber (Coleoptera: Chrysomelidae) on *Ammania baccifera* L. Insect Environment. 10 (3): 110-111.
- Padmakumari A P, Sharma H C and Reddy D D R. 2000. Components of resistance to sorghum ear head bug, *Calocoris angustatus*. Crop Protection 19: 385-392.
- Padmakumari A.P., J.S. Prasad, G. Katti and M. Sankar, 2007. *Rhabditis* sp. (*Oscheius* sp.). A biocontrol agent against rice yellow stem borer, *Scirpophaga incertulas*. Indian Journal of Plant Protection, 35 (2):255-258.
- Padmavathi Ch., G. Katti, A.P. Padmakumari, and I.C. Pasalu, 2006. Comparative bionomics of leaf folders, *Cnaphalocrocis medinalis* Guenee and *Marasmia patnalis* Bradley in rice. Entomon 31 (4): 1-8.
- Padmavathi Ch, R Mahender Kumar, LV Subba Rao, K Surekha, PC Latha, MS Prasad, V Ravindra Babu, IC Pasalu. 2009. Influence of SRI method of rice cultivation on insect pest incidence and arthropod diversity. Oryza 46(3): 227-230.
- Padmavathi Ch, Gururaj Katti, AP Padmakumari and IC Pasalu. 2008. Mortality and fertility life tables of leaf folder, *Cnaphalocrocis medinalis* Guenee (Lepidoptera:Pyralidae) in rice. Entomon 33 (2): 1-13.
- Padmavathi Ch., Gururaj Katti, AP Padmakumari and IC Pasalu. 2008. Prevalence, prey preference and predatory potential of *Paederus fuscipes* Curtis and *Ophionea* sp. Journal of Biological Control 22(1): 191-193.

- Padmavathi G, N.V. Krishnaiah, G.S.V. Prasad and Y. Kondala Rao, 2007. Identification of resistance genes for green leafhopper, *Nephotettix virescens* (Distant) in pre-release rice varieties. 2007. Indian Journal of Genetics and Plant Breeding 67 (2): 118-120.
- Padmavathi G, Ram T, Satyanarayana K and Mishra B. 2005. Identification of blast (*Magnaporthe grisea*) resistance genes in rice. Current Science 88 (4): 628-630.
- Padmavathi G, Siddiq E A and Kole C. 2001. Inheritance of protein markers detecting polymorphism among rice genotypes with contrasting host response to green leafhopper. Current Science. 80 (90): 101-102.
- Padmavathi G, T. Ram, Y. Kondala Rao, I.C. Pasalu and B.C. Viraktamath, 2007. Genetics of whitebacked planthopper, *Sogatella furcifera* (Horvath) resistance in rice. SABRAO Journal of Plant Breeding and Genetics 39 (2): 99-105.
- Padmavathi G., N V Krishnaiah and G S V Prasad. 2006. Genetic analysis of green leafhopper *Nephotettix virescens* (Distant) resistance in rice. Indian Journal of Genetics and Plant breeding. 66(3): 187-190.
- Padmavathi G., N.V. Krishnaiah, E.A. Siddiq and C. Kole, 2007. Identification of random amplified polymorphic DNA markers for resistance to green leafhopper (*Nephotettix virescens* Distant) in rice. SABRAO Journal of Plant Breeding and Genetics 39 (2): 127-143.
- Padmavathi, Ch., Gururaj Katti, A.P.Padmakumari and I.C.Pasalu. 2006. Comparative bionomics of leaf folders, *Cnaphalocrocis medinalis* Guenee and *Marasmia patnalis* Bradley in rice. Entomon 31(4): 1-8.
- Padmavati G, Naik B S, Kole C. 2002. Variation in seed albumin banding patterns between and within some aromatic and non aromatic rice genotypes. Crop Research 24(3): 509-513.
- Panigrahy M, DN Rao and N Sarla. 2009. Molecular mechanisms in response to phosphate starvation in rice. Biotechnology Advances 27(4): 389-397.
- Panigrahy M, DN Rao and N Sarla. 2009. Molecular mechanisms in response to phosphate starvation in rice. Biotechnology Advances 27(4): 389-397.
- Pasalu I C, Krishnaiah N V, Katti G and Varma N R G. 2001. IPM in rice. IPM Mitr, 2:45-55.
- Pasalu I.C.and Gururaj Katti 2006. Advances in eco-friendly approaches in rice IPM. Journal of Rice Research, 1(1): 83-90.
- Perraju P and Sarma N P. 1999. Combining ability studies in rice. Oryza 36(3): 248-249.

- Pradeep Reddy M, Sarla N, Reddy V L N and Siddiq E A. 2005. Identification and mapping of yield and yield related QTLs from an Indian accession of *Oryza rufipogon*. BMC Genetics UK 6: 33.
- Prajneshu and Ravichandran S. 2001. Use of expected value parameters for estimating length-weight relationship in fishes. Indian Journal of Fisheries. 48(2): 199-202.
- Prameela M, CS Reddy and K Muralidharan, 2008. Diversity of Mycoflora on stored rice in India. Journal of Mycology and Plant Pathology 38(1): 102-107.
- Prasad G S V, Muralidharan K and Rao C S. 2001. Stability and yield performance of genotypes: A proposal for re-grouping world rice area into mega-environments. Current Science 81:1337-1346.
- Prasad G S V, Prasad Rao U, Shobha Rani N, Subba Rao L V, Pasalu I C and Muralidharan K. 2001. Indian rice varieties released in countries around the world. Current science. 80(12): 1508-1511.
- Prasad J S and Seshu Reddy K V. 2000. Pest problems of banana in Kenya : A survey report. Pest Management in Horticultural Ecosystems 6(1) : 50-54.
- Prasad J S and Seshu Reddy K V. 2000. Preliminary evaluation of accessions to the rhizome weevil, *Cosmopolites sordidus* Germar in East Africa. Pest Management in Horticultural Ecosystems 6(2): 152-155.
- Prasad J S and Varaprasad K S. 2001. Ufra nematode, *Ditylenchus angustus* is seed borne! *Crop Protection* 21(1): 75-76.
- Prasad J S, Mahender Kumar R and Subba Rao L V. 2004. Role of manures and fertilizers in the management of the root nematode (*Hirschmanniella oryzae*) in rice (*Oryza sativa* L.). Indian Journal of Nematology 34(1): 1-4.
- Prasad J S, Seshu Reddy K V and Sikora R A . 1999. Life cycle of *Pratylenchus goodeyi* in banana roots. *Nematologia Medittranea* 27: 111-114.
- Prasad J S, Seshu Reddy K V, Gode L N and Sikora R A. 2000. Influence of banana based cropping systems on the plant parasitic nematode populations. Indian Journal of Nematology 30(1): 86-87.
- Prasad J S, Varaprasad K S, Panwar M S, Padhi N N and Pathak K N. 2000. An effective new method for screening rice entries against the root-knot nematode, *Meloidogyne graminicola*. Indian J. Nematology 30(2): 210-215.

- Prasad J.S, O.P. Sharma, G. Katti, I.C.Pasalu, Amerika Singh and M. Sankar 2007. Association of white-tip nematode with chaffiness of rice in Haryana. *Indian Journal of Plant Protection*, 35 (1):151-153.
- Prasada Rao U, Mishra B, Subba Rao L V, Prasad G S V and Shobha Rani N. 2001. Collective utilization of germplasm resources for rice varietal improvement. *Indian Journal of Plant Genetic Resources*. 14(2): 231-233.
- Prasadji J K, Murthy K V M K, Ramapandu S and Muralidharan K. 2004. Management of *Taphrina maculans* Incited Leaf Blotch of Turmeric *Indian Journal of Mycology and Plant Pathology* 34: 446-449.
- Prasadji J K, Ramapandu S and Muralidharan K. 2004. Pathogen and Disease Development in *Curcuma longa-Taphrina maculans* Pathosystem. *Indian Journal of Mycology and Plant Pathology* 34: 371-374.
- Prasadji J K, Ramapandu S and Muralidharan K. 2004. Source and Survival of Inoculum in *Curcuma longa-Taphrina maculans* Pathosystem. *Indian Journal of Mycology and Plant Pathology* 34: 615-619.
- Raghuveer Rao P. and S.R. Voleti (2006) Studies on identifying suitable donors for high iron and zinc content in rice (*Oryza Sativa* L) Grains. *J. Curr.Sci.* 9 (1): 361-365.
- Rajarajeswari N V L and Muralidharan K. 2005. Assessments of farm yield and district production loss from bacterial leaf blight epidemics in rice. *Crop Protection* 24 (1): 73-79.
- Rajarajeswari N V L, Dinaker C and Muralidharan K. 2004. Assessing injury to grain filling and yield losses from tungro virus epidemics. *Indian Journal of Plant Protection* 32 (1): 73-79.
- Rajarajeswari NVL and Muralidharan K. 2006. Estimates of farm yields and district production loss from rice blast epidemics. *J. Mycol. Pl. Pathol.* 36(2): 115-124.
- Rajendrakumar P, A.K. Biswal, S.M. Balachandran and R.M. Sundaram, 2008. In silico analysis of microsatellites in organellar genomes of major cereals for understanding their phylogenetic relationships. *In Silico Biology* 8: 0009.
- Rajendrakumar P, AK Biswal, K Sakthivel, MS Madhav, CN Neeraja, SM Balachandran, K Srinivasarao, P Natarajkumar, Y Hari, K Sujatha and RM Sundaram. 2009. Development and validation of class I SSR markers targeting (GATA)_n repeat motifs in rice. *Euphytica* 169: 263–271.
- Rajendrakumar P, AK Biswal, K Sakthivel, MS Madhav, CN Neeraja, SM Balachandran, K Srinivasarao, P Natarajkumar, Y Hari, K Sujatha and RM Sundaram. 2009. Development and

validation of class I SSR markers targeting (GATA)_n repeat motifs in rice. *Euphytica* 169(2) : 263-271.

Rajendrakumar P., A. K. Biswal, S. M. Balachandran, M. S. Ramesha, B. C. Viraktamath, and R. M. Sundaram (2007). A Mitochondrial Repeat Specific Marker for Distinguishing Wild Abortive Type Cytoplasmic Male Sterile Rice Lines from their Cognate Isogenic Maintainer Lines. *Crop Science* 47: 207-211.

Rajendrakumar P., A.K. Biswal, S.M. Balachandran, K. Srinivasarao, and R.M. Sundaram 2007. Simple sequence repeats in organellar genomes of rice: frequency and distribution in genic and intergenic regions. *Bioinformatics*, 23 (1): 1-4.

Rajendrakumar P., K. Sujatha, K.S. Rao, P. Natarajkumar, B.C. Viraktamath, S.M. Balachandran, A.K. Biswal and R.M. Sundaram (2007). A protocol for isolation of DNA suitable for rapid seed and grain purity assessments in rice. *Rice Genetics Newsletter* 23: 92-95.

Ram Kumar G, AK Biswal, K Madhan Mohan, K Sakthivel, AKP Sivaranjani, CN Neeraja, T Ram, SM Balachandran, RM Sundaram, MS Prasad, BC Viraktamath and MS Madhav. 2010. Identifying novel alleles of rice blast resistance genes *Pikh* and *Pita* through allele mining. *International Rice Research Notes* (Manuscript available online at http://beta.irri.org/publications/images/stories/irrn/.../PlantBreed_2010-011.pdf).

Ram Kumar G, K Sakthivel, RM Sundaram, CN Neeraja, SM Balachandran, N Shobha Rani, BC Viraktamath and MS Madhav. 2010. Allele mining in crops: prospects and potentials. *Biotechnology Advances* 28: 451–461.

Ram T, N.D. Majumder, D. Krishnaveni and M.M. Ansari. 2007. Rice variety Dhanrasi, an example of improving yield potential and disease resistance by introgression gene(s) from wild specie (*Oryza rufipogon*). *Current Science* 92 (7): 987-992.

Ram T, ND Majumder and B Mishra. 2010. Jarava—a new high yielding and pest resistant rice variety for coastal saline areas. *International Rice Research Notes* 34: 1-4.

Ram T, ND Majumder, GS Laha, MM Ansari, CG Kar and B Mishra. 2008. Identification of donors for sheath blight resistance in wild rice. *Indian Journal of Genetics* 68(3):317-319.

Ram T., N.D. Majumder, B. Mishra, M. M. Ansari and G. Padmavathi. 2007. Introgression of broad-spectrum blast resistance gene(s) into cultivated rice (*Oryza sativa* ssp *indica*) from wild rice *O. rufipogon*. *Current Science*. 92 (2): 225-230.

Ram T., Ramdeen, B.Mishra, G.Padmavathi, A.S.Ram Prasad and B.C.Viraktamath. 2007. Triple test cross analysis for yield and yield components in rice(*Oryza sativa*) . *Indian Journal of Agricultural Sciences*. 77 (6): 393-395.

- Rama Gopala Varma N, Krishnaiah K, Pasalu I C and Katti G R. 2002. Synergizing rice yellow stem borer pheromone with addition of plant extracts and vitamin E. *Indian Journal of Plant Protection* 30 (2): 161-163.
- Rama Prasad A S, Krishnaiah N V, Pasalu I C, Lingaiah T, Lakshminarayanamma T and Raju G. 2002. Regression models for predicting the peak light trap catches of rice yellow stem borer, *Scirpophaga incertulas* (Walker). *Indian Journal of Plant Protection* 31(1): 34-39.
- Ramesh S, Nagadhara D, Pasalu I C, Padmakumari A P, Sarma N P, Reddy V D and Rao K V. 2004. Development of stem borer resistant transgenic parental lines involved in the production of hybrid rice. *Journal of Biotechnology* 111: 131-141.
- Ramesha M S, Ahmed M I, Viraktamath B C and Vijayakumar C H M. 1999b. Physiological basis of heterosis for grain yield in rice. *Indian Journal of Genetics* 59 (4) : 411-415.
- Ramesha M S, Ilyas A M, Viraktamath B C, Mishra B and Sukhpal Singh, 2002, Development of parental lines for enhanced magnitude of heterosis. *Hybrid Rice Newsletter*. 3(1): 8.
- Ramesha M S, Viraktamath BC, Ahmed M I and Vijayakumar C H M 1999a. New CMS sources with stable male sterility and better outcrossing trait in rice (*O.sativa* L.) *Indian Journal of Genetics* 59(4):403-409.
- Ranganathan,S., Suvarchala, V., Y.B.R.D.Rajesh , M.S.Prasad., A.P. Padmakumari and S.R.Voleti . 2006.Effect of silicon sources on its deposition, chlorophyll content, disease and pest resistance in rice. *Biologia Plantarum*.50(4):713-716.
- Ranjnekar P K., Patankar A, Gupta V, Bhatnagar R, Bentur J S and Anand Kumar P. 2003. Genetic engineering of crop plants for insect resistance. *Current Science* 84: 321-329.
- Rao K V. 2002. Seasonable conditions influencing ammonia volatilization loss from irrigated wetland rice. *Journal of Indian Society of Soil Science* 50: 216- 218.
- Rao P R and Mishra B. 2004. Physiological Studies on New Plant Types Originating From Tropical Japonicas in Rice (*Oryza Sativa*.L). *Journal of Current Science* 5(2): 477-482.
- Rao P R and Reddy C S. 2004. Reaction of new plant types of rice to common rice diseases. *Indian Journal of Environment and Eco planning*. 8 (3): 823 – 824.
- Rao P R and Reddy C S. 2004. Reaction of New Plant types of rice to common Rice diseases. *Journal of Research ANGRAU* 32 (2).

- Rao P R, Subba Rao L V and Prasada Rao U. 2004. Suitability of rice cultivars for direct seeding under irrigated (Anaerobic) condition in rice. *Indian Journal of Environment and Eco-Planning* 8 (3): 635-638.
- Rao P R, Subba Rao L V and Prasada Rao U. 2004. Suitability of Rice varieties for Direct Seeding under irrigated (Anaerobic) condition in rice. *Indian Journal of Environment & Ecoplanning* 8 (2).
- Rao P R. 2004. System of Rice Intensification SRI Cultivation. *Current Science* 5 (2): 725-728.
- Ravichandran S and Prajneshu. 2001. Modeling and forecasting of India's shrimp export. *Journal of Marine Biological Association of India*. 42 (1&2): 178-181.
- Ravichandran S and Prajneshu. 2001. State space modeling versus ARIMA time series modeling. *Journal of Indian Society of Agricultural Statistics*. 54(1): 43-51.
- Ravichandran S and Prajneshu. 2001. Structural time series modeling for describing fish production. *Indian Journal of Animal Sciences*. 71(5): 499-501.
- Ravichandran S and Prajneshu. 2002. Bayesian nonlinear state space modeling for Schaefer model in fisheries. *Indian Journal of Applied Statistics* 5: 1-10.
- Ravichandran S and Prajneshu. 2002. Bayesian analysis of time series modelling and forecasting of food production. *Proceedings of the National Academy of Sciences Section B (Biological Sciences)* 72: 37-46.
- Ravichandran S, R. Mahendra Kumar and B.N.Singh. 2007. Forecasting of all-India rice yield based on check varieties data from multi-location trials. *Agricultural situation in India* (No. 2/2/2006 Pub 9E & S).
- Ravichandran S. and P.Muthuraman "Rice yield using Artificial Neural Networks (ANN) model" – Paper presented in Int. Conference on Statistics and Informatics in Agricultural Research organized by Indian Society of Agrl. Statistics, New Delhi, Dec 27-30, 2006.
- Ravichandran S. and P.Muthuraman 2006 "Structural time-series modelling and forecasting India's rice production", *Agricultural Situation in India*.
- Ravichandran S., R. Mahender Kumar, V. Ravindra Babu, 2006. Additive main effective and multiplications in rice varietal development, *J. ANGRAU* 34 (3) 36-39.

- Ravichandran S., R.Mahendra Kumar and V.Ravindra Babu. 2006 “Additive Main effects and Multiplicative Interaction (AMMI) stability model and its application in rice varietal development” – J.Res. ANGRAU 34 (3), 36-39.
- Ravindra Babu V, T Longvah, N Shobha Rani and BC Viraktamath, 2008. Potential rice bran oil in augmenting edible oil supply in India. Journal of Oil seed Research 26: 248-249.
- Ravindra Babu V., Sandhya Kishore, N. Shobha Rani, and Ravichandran, 2006. Genetic divergence analysis using quality traits in rice genotypes (*Oryza sativa* L.), *Oryza*, Vol. 43. No. 4, (260-263).
- Ravindra Babu V., Sandya kishore, N.A. Ansari and Ravichandran, 2005. Genetic Divergence in Aromatic Rice genotypes, *The Andhra Agric. J.* 52 (3 &4) : 407-410.
- Reddy C S and Krishnaiah N V. 2003. Compatibility of new fungicides and insecticides in rice. *Pestology* 27(2): 23 – 26.
- Reddy C S, Krishnaiah N V and Rama Prasad A S, 2001. Efficacy of insecticides against leafhopper *Nephotettix virescens* and rice tungro disease. *Indian Phytopathology.* 54 (4): 471-473.
- Reddy C S, Krishnaiah N V and Rama Prasad A S. 2002. Efficacy of insecticides against leafhopper *Nephotettix virescens* and rice tungro disease. *Indian Phytopathology* 55: 114-116.
- Reddy C S, Susheela K, Lingaiah T, Krishnaiah N V and Rama Prasad A S. 2002. Co-toxicity and Compatibility of triazole fungicides and neonicotinoid insecticides against sheath blight and brown planthopper in rice. *Pestology* 26(12): 27 -30.
- Reddy C. S. and K. Muralidharan, 2007. Lustre 37.5 SE - An effective combination product of flusilazole and carbendazim against sheath blight of rice. *Indian Journal of Plant Protection* 35 (2): 287 – 290.
- Reddy C.S, K.R.N. Reddy, M.Prameela, U.N. Mangala and K. Muralidharan, 2007. Identification of antifungal component in clove that inhibits *Aspergillus* spp. colonizing rice grains. *Journal of Mycology and Plant Pathology.* 37 (1): 87-94.
- Reddy CS, AP Babu, BPM Swamy, K Kaladhar and N Sarla. 2009. ISSR markers based on GA and AG repeats reveal genetic relationship among rice varieties tolerant to drought, flood or salinity. *Zhejiang University Journal of Science B Springer* 10 (2): 133-141.
- Reddy CS, AP Babu, BPM Swamy, K Kaladhar, N Sarla. 2009. ISSR markers based on GA and AG repeats reveal genetic relationship among rice varieties tolerant to drought, flood or salinity. *Zhejiang University Journal of Science B Springer* 10 (2), 133-141.

- Reddy K.R.N, C.S. Reddy and K. Muralidharan, 2007. Exploration of Ochratoxin -A contamination and its management in rice. *American Journal of Plant Physiology*. 2 (3): 206-213.
- Reddy KRN, CHS Reddy, PN Kumar, CS Reddy and K Muralidharan, 2009. Genetic Variability of Aflatoxin B₁ producing *Aspergillus flavus* strains from Discolored Rice Grains. *World Journal of Microbiology and Biotechnology* 25 (1): 33 - 39.
- Reddy KRN, CS Reddy and K Muralidharan, 2009. Detection of *Aspergillus* spp. and Aflatoxin B₁ in Rice in India. *Food Microbiology* 26 (1): 27 – 31.
- Reddy KRN, CS Reddy and K Muralidharan, 2009. Efficacy of certain Agrochemicals on *Aspergillus* spp. and subsequent Aflatoxin production in Rice. *Pesticide Biochemistry and Physiology* 93: 53 – 57.
- Reddy KRN, CS Reddy and K Muralidharan, 2009. Potential of Botanicals and Biocontrol Agents on Growth and Aflatoxin Production by *Aspergillus flavus* infecting Rice Grains. *Food Control* 20 (2): 173 – 178.
- Reddy KRN, CS Reddy, HK Abbas, CA Abel and K Muralidharan, 2008. Mycotoxigenic Fungi, Mycotoxins, and Management of Rice Grains. *Toxin Reviews* 27 (3): 287 – 317.
- Reddy KRN, P Saritha, CS Reddy and K Muralidharan, 2009. Aflatoxin b₁ producing potential of *Aspergillus flavus* strains isolated from discolored rice grains. *Journal of Phytopathology* 41:1-14.
- Reddy KRN, P Saritha, CS Reddy and K Muralidharan, 2009. Aflatoxin B₁ Producing Potential of *Aspergillus flavus* Strains isolated from Discolored Rice Grains. *African Journal of Biotechnology* 8(14):3303-3308.
- Reddy KRN, Reddy CS, Mangala UN and Muralidharan K. 2006. Site of infection of *Aspergillus* spp. in seeds of rice cultivars. *J. Mycol. Pl. Pathol.* 36(2): 271-277.
- Reddy M M and Reddy C S. 2000. Effect of sheath rot disease on yield attributes and grain yield of rice. *Journal of Mycology and Plant Pathology*. 30 (1): 81-84.
- Reddy M M, Reddy C S and Reddy A G R, 2001. Survival and host range of sheath rot pathogen {*Sarocladium oryzae* (Sawada) W. Gams and D. Hawksw}of Rice. *Journal of Research ANGRAU* 29 (4): 27-29.
- Reddy M M, Reddy C S and Reddy A G R, 2001. Influence of weather parameters and insect pest populations on incidence and development of sheath rot of rice. *Indian Phytopathology*. 54 (2): 179-184.

- Reddy M M, Reddy C S and Reddy A G R. 1999. Influence of season and planting date on sheath rot incidence in rice. *Indian Phytopathology*. 52(3): 38-39.
- Reddy M M, Reddy C S and Singh B G. 2000. Effect of sheath rot disease on qualitative characters of rice grain. *Journal of Mycology and Plant Pathology*. 30 (1): 68-72.
- Reddy M M, Reddy C S, Reddy A G R, Rao T N and Singh B G, 2002. Evaluation of some indigenous rice cultures against *Sarocladium* sheath rot of rice. *Indian Phytopathology* 56 (1): 123.
- Reddy M M., Reddy C S and Reddy A G R. 1999. Efficacy of fungicides against *Sarocladium oryzae*, sheath rot pathogen of rice. *Pesticides Information*. 24(4): 1-8.
- Reddy M P, Sarla N, Siddiq E A. 2002. Inter simple sequence repeat (ISSR) polymorphism and its application in plant breeding. *Euphytica* 128 (1): 9-17.
- Reddy O U K, Siddiq E A, Ali J, Ramaswamy P, Hussain A J, Nimmakayala P, Arti P, Viraktamath B C and Sarma N P. 2001. Prediction of heterotic combinations using RAPD polymorphism in rice. *J. Genetics and Breeding* 55: 135-141.
- Reddy O U K, Siddiq E A, Sarma N P, Ali J, Hussain A J, Nimmakayala P, Ramasamy P, Pammi S, and Reddy A S. 2000. Genetic Analysis of temperature sensitive male sterility in rice. *Theoretical and Applied Genetics*. 100(5) : 794-801.
- Reddy M N and Surekha K. 2000. Improving productivity of rice based cropping systems through pre-kharif sole/dual purpose legume green manures in a vertisol. *Oryza*. 37 (2)
- Reddy M N, Surekha K and Sreedevi C. 1998. Multiple uses of gypsum in rice – groundnut cropping systems. *Journal of Farming Systems Research and Development*.
- Sailaja B, Krishnaveni D, Padma Kumari A P and Mishra B. 2004. Developing Computer Expert for Management of Pathogens and Insect Pests in Rice. *Indian Journal of Mycology and Plant Pathology* 34 (2): 495-499.
- Sailaja B, Muralidhran K and Mishra B. 2004. A Software for Assessing Reaction of Genotypes to Pathogens in Multi locational Tests. *Indian Journal of Mycology and Plant Pathology* 34 (2): 417:421.
- Sailaja B, P Subrahmanyeswara Rao, MS Nathawat and NH Rao. 2009. A combination method for regional rice area estimation using remote sensing. *Asian Journal of Geoinformatics* 2(3): 3-10.

- Sailaja B, SRVoleti, MS Nathawat and NH Rao .2009. Validation of Oryza2000 model with irrigated low land field experiment of rice. *International Journal of Tropical Agriculture* 27(1-2): 229-233.
- Sailaja, B. J.S. Bentur and B. Mishra, 2008. Rice Productivity Trends in India: A micro-analysis using GIS. *Environment and Ecology* 26 (1): 121-125.
- Sailaja,B, P.Subrahmanyeswara Rao, M.S. Nathawat and N.H.Rao .2008. Combination of Image Analysis Techniques for Rice Area Estimation. *Environment and Ecology* 26(1): 219-227.
- Sakthivel K, N Shobha Rani, MK Pandey, AKP Sivaranjani, CN Neeraja, SM Balachandran, M Sheshu Madhav, BC Viraktamath, GSV Prasad, RM Sundaram. 2009. Development of a simple functional marker for fragrance in rice and its validation in Indian Basmati and non-Basmati fragrant rice varieties. *Molecular Breeding* 24(2): 185-190 (available online).
- Sakthivel K, RM Sundaram, N Shobha Rani, SM Balachandran and CN Neeraja. 2009. Genetic and molecular basis of fragrance in rice. *Biotechnology Advances* 27: 468–473.
- Salaheddin K, V Valluvaparidasan , D Ladhakshmi and R Velazhahan. 2010. Management of bacterial blight of cotton using a mixture of *Pseudomonas fluorescens* and *Bacillus subtilis*. *Plant Protection Science* 46(2): 41–50.
- Sama VSAK, K Himabindu, RM Sundaram, BC Viraktamath and JS Bentur. 2010. Mapping of a rice gall midge resistance gene, *gm3*, in RP 2068-18-3-5 and *in silico* identification of candidate gene(s). *Rice Genetics Newsletter* 25:76.
- Sandhya Kishore, N., N.A. Ansari, V. Ravindra Babu, N. Shobha Rani, L.V. Subba Rao and Ravinchandran S 2007. Correlation and path analysis in aromatic and non aromatic rice genotypes. *Agriculture Science Digest* 27 (2): 122-124.
- Sandhya Kishore, N., V. Ravindra Babu, N.A. Ansari, Ravichandran, 2007. Genetic divergence analysis unusing yield and quality traits in rice (*Oryza sativa* L.). *Crop improvement* 34 (1): 12-15.
- Sandhya Kishore, N., V. Ravindra Babu, N.A. Ansari and A.S. Rama Prasad, 2008. Genetic variability, heritability and genetic advance in rice (*Oryza sativa* L.) genotypes of different eco-geographical regions , *Research on Crops* 9 (1): 147-150.
- Sandya Kishore N. , N.A. Ansari, V. Ravindra Babu , N. Shobha Rani, L . V. Subba Rao and Ravichandran, 2007. Correlation and Path Analysis in Aromatic and Non-Aromatic Rice genotypes, *Agric. Sci. Digest*, 27 (2). 122-124.
- Sankar M, JS Prasad, AP Padmakumari and G Katti. 2009. Efficacy of entomopathogenic nematode, *Heterorhabditis indica* against the rice yellow stem borer, *Scirpophaga incertulas* (Wlk.) (Lepidoptera: Pyralidae). *Biopesticides International* 5(1): 68–74.

- Sankar M, JS Prasad, AP Padmakumari and G Katti. 2009. Combined application of two entomopathogenic Nematodes, *Heterorhabditis indica* and *Steinernema asiaticum* to control the rice leaf folder, *Cnaphalocrosis medinalis* (Guen.). Journal of Biopesticide 2(2): 135-140.
- Sankar M, V Sethuraman, M Palaniyandi and JS Prasad. 2009. Entomopathogenic nematode *Heterorhabditis indica* and its compatibility with other biopesticides on the greater wax moth *Galleria mellonella*. Indian Journal of Science and Technology 2: 57-62.
- Santha Lakshmi B, Gupta J P and Srinivas Prasad M. 2002. Influence of methyl- cellulose on translocation of thiophanate-methyl in soybean. Plant Disease Research 17(2): 278-282.
- Saritha P, KL Reddy, NV Krishnaiah , ASR Prasad and V Ravindra Babu, 2008. Fertilization in rice and its impact on mired bugs predated on brown plant hopper nymphs. Indian Journal of Plant protection 36 (2): 208-211.
- Sarla N, Bobba S, Siddiq E A. 2003. ISSR and SSR markers based on AG and GA repeats delineate geographically diverse *Oryza nivara* accessions and reveal rare alleles. Current Science 84(5): 683-690.
- Sarma N P, Sundaram R M, Biradar S K, Ramesha M S, Viraktamath B C and Sonti R V . 2002. DNA marker technology for hybrid purity analysis in rice. Hybrid Rice Newsletter 3(1): 9.
- Sarma N P. 2001. 4th International Rice Genetics Symposium. Current Science. 80(7): 101-103.
- Satendra K Mangrauthia, B Parameswari, RK Jain and Shelly Praveen, 2008. Role of genetic recombination in molecular architecture of *Papaya ringspot virus*. Biochemical Genetics 46:835-846.
- Satendra K Mangrauthia, B Parameswari, S Praveen and RK Jain. 2009. Comparative genomics of *Papaya ringspot virus* pathotypes P and W from India. Archives of Virology 154: 727-730.
- Satendra K Mangrauthia, Nandlal Choudhary and Aruna Tyagi, 2008. Cloning and characterization of drought responsive partial gene sequence(s) from *Oryza sativa* L. subsp. Indica. Indian Journal of Biochemistry and Biophysics 45: 387-392.
- Satendra K Mangrauthia, P Singh and S Praveen. 2010. Genomics of helper component proteinase reveals effective strategy for *Papaya ringspot virus* resistance. Molecular Biotechnology 44:22-29.
- Satendra K Mangrauthia, Vipendra P Singh Shakya, RK Jain and Shelly Praveen, 2009. Ambient temperature perception in papaya for *Papaya ringspot virus* interaction. Virus Genes 38:429-434.

- Septiningsih EM, AM Pamplona, DL Sanchez, CN Neeraja, GV Vergara, S Heuer, AM Ismail and DJ Mackill. 2009. Development of submergence-tolerant rice cultivars: the Sub1 locus and beyond. *Annals of Botany* 103: 151-160.
- Sheeba NK, BC Viraktamath, S Sivaramakrishnan, MG Gangashetti, P Khera and RM Sundaram. 2009. Validation of molecular markers linked to fertility restorer gene(s) for WA-CMS lines of rice. *Euphytica* 167: 217-227.
- Sheshu Madhav M, MK Pandey, PR kumar, RM Sundaram, GSV Prasad, I Sudarshan and NS Rani. 2010. Identification and mapping of tightly linked SSR marker for aroma trait for use in marker assisted selection in rice. *Rice Genetics Newsletter* 25:38-40
- Shivani D, BC Viraktamath and N Shobha Rani. 2009. Combining ability for grain quality characters in Indica / Indica hybrids of rice. *Oryza* 46(2): 152-155.
- Shivani, D., B.C. Viraktamath and N. Shobha Rani, 2007. Effect of nucleo cytoplasmic interactions on the expression of quality characters in rice (*Oryza sativa* L) hybrids. *Indian Journal of Genetics and Plant Breeding* 67 (3):225-228.
- Shobha Rani N, L.V Subba Rao, Manish K. Pandey, I. Sudharashan, and G.S.V. Prasad, 2008. Grain quality variation for physico-chemical, milling and cooking properties in Indian rices (*O. sativa* L.). *Indian Journal of Crop Science*, 3 (1): 133-136.
- Shobha Rani N, Manish K. Pandey, G.S.V. Prasad, and J. Dhileep Kumar, 2008. Inheritance of hull pigmentation and awning in aromatic short grain rices. *Indian Journal Crop Science* 3 (1): 187-188.
- Shobha Rani N, Prasad G S V, Singh S P, Satyanarayana K, Kondal Rao Y, Bhaskar Reddy P and Krishna Veni B. 2002. Vasumati - A new Basmati variety released in India. *International Rice Research Notes* 27 (2): 20.
- Shobha Rani N, Rama Prasad A S, Prasad G S V, Bhaskar Reddy P and Krishnaveni B.2001. Genetic variability for yield components in aromatic and quality rice germplasm. *Indian Journal of Plant Genetic Resources*.14(2): 206-209.
- Shobha Rani N., M S. Madhav, Manish K. Pandey, R.M. Sundaram, G.S.V. Prasad, I. Sudharashan, L.V Subba Rao and V. Ravindra Babu, 2008 Genetical and molecular approaches for improvement of quality traits in rice (*O. sativa* L.), *Indian Journal of Crop Science* 3 (1): 1-14.
- Shobha Rani N., Manish K. Pandey, G.S.V. Prasad and I Sudharshan (2006). Historical significance, grain quality features and precision breeding for improvement of export quality basmati varieties in India. *Indian J. Crop Science*, 1 (1-2): 29-41.

- Shobha Rani N , Ahmed M I, and Krishnaveni B. 1998. Screening hybrids for quality traits. *International Rice Research News* 23 (1): 4-5.
- Singh R K, Mishra B and Jetly V. 2001. Segregation for alkalinity in three rice crosses. *SABRAO Journal of Breeding and Genetics*. 33: 31-34.
- Singh S P and Kumar R M. 1999. Efficacy of single and sequential application of herbicides on weed control in transplanted rice. *Indian Journal of Weed Science* 31(3&4): 222-224.
- Singh S P, Shobha Rani N, Krishnaveni B and Pillai K G. 2002. Effect of harvesting schedules on grain yield of scented rice varieties. *Oryza* 37(2): 146-148.
- Singh S P, Shobha Rani N, Sreedevi B, Krishnaveni B and Pillai K G. 1999. Effect of planting dates on grain yield and quality of dwarf scented rice varieties. *Oryza* 36 (4) : 388 - 390.
- Singh S P, Shobha Rani N, Sreedevi B and Pillai K G. 2000. Effect of organic and inorganic fertilizer on grain yield and quality of scented rice variety Pusa basmati-1, *Oryza*. 37(3): 230-241.
- Singh S P, Sreedevi B and Pillai K G. 1999. Effect of sources and rate of phosphorus on growth and yield of rice-cowpea sequence. *Oryza*. 36 (4) : 380 - 381.
- Singh S P, Sreedevi B and Pillai K G. 1999. Influence of seedling age, nitrogen source and schedules of application on growth and grain yield of rice. *Indian Journal of Agronomy* 44 (3) : 412 - 415.
- Singh S P, Sreedevi B, Kumar R M, and Subbaiah S V 2004. Influence of nitrogen management and irrigation schedules on grain yield of hybrid rice. *Oryza* 41 (1 & 2): 44 – 45.
- Singh S P, Sreedevi B, Kumar R M, and Subbaiah S V. 1999. Effect of crop establishment practices in rice varieties under puddled irrigated conditions. *Indian Journal of Agronomy* 44(2) : 340 – 343.
- Singh SP, B Sreedevi, RM Kumar and SV Subbaiah. 2008. Grain yield and economics of wet direct sown rice under different establishment methods and nitrogen schedules. *Oryza* 45(3): 245-246.
- Singh SP, B Sreedevi, RM Kumar. 2009. Integrated nitrogen management for seed production of hybrid rice. *Oryza* 46(3): 254-256.
- Singh S P, Shobha Rani N, Krishnaveni B and Subbaiah S V 2005. Effect of date of planting and nitrogen levels on yield and grain quality of scented rice varieties. *Oryza* 42 (1): 78 – 80.

- Singh, S.P., S.V. Subbaiah and R. Mahender Kumar (2006). Response of rice (*Oryza sativa* L.) varieties to nitrogen application time under direct seeded puddled condition. *Oryza* 43 (2) : 157 – 158.
- Somasekhar N. 2008. Induced resistance: A novel biorational approach for plant protection. *Indian Journal of Plant Protection* 36: 48-53.
- Sreedevi B, Singh S P, Subbaiah S V and Krishnamurthy P. 2001. Performance of herbicides in wet seeded rice. *Oryza* 38: 1-2.
- Sreedevi B, Subbaiah S V and Singh S P. 2000. Effect of nursery seed rates and depths of planting on performance of rice varieties. *Oryza*. 37 (2): 168 – 169.
- Sreedevi B., P. Krishnamurthy and S.P. Singh, 2007. Effect of herbicides on weed control and nitrogen dynamics of direct sown rice and associated weeds. *Indian Journal of Plant Protection*: 35 (2): 335 – 338.
- Sreedevi B., S.P. Singh and S.V. Subbaiah (2006). Effect of sulfur application on conventional and hybrid rice cultivars. *Oryza* 43 (2): 112 – 115.
- Srinivas C, Sriramulu M, Reddy D D R, Rao P S and Bentur J S. 2004. Distribution and evolution of biotypes of rice gall midge in Andhra Pradesh, India. *SAARC Journal of Agriculture* 2: 109 - 119.
- Srinivas Prasad M, B Aruna Kanthi, SM Balachandran, M Seshumadhav, K Madhan Mohan and BC Viraktamath. 2009. Mapping of rice blast resistance gene *Pi 1* in the elite indica cultivar Samba mahsuri. *World Journal of Microbiology and Biotechnology* 25(10):1765-1769.
- Srinivas Prasad M, Lakshmi Prasad M S and Sharma Y P.2002. Fungitoxicity of plant products against *Pyricularia grisea*. *Annals of Plant Protection Sciences*. 10(2): 388-390.
- Srinivas Prasad M, MS Ramesha, SR Voleti, IC Pasalu and CHM Vijayakumar. 2008. Resistance to Blast Disease and tolerance to drought in rice genotypes. *Journal of Mycology Plant Pathology* 38(1): 108-111.
- Srivatsava A, JS Prasad, RP Kaushik, LV Subba Rao, PK Sharma, D Singh and A Sood. 2008. Parasitic nematode problems of rice and wheat in Malan. *Oryza* 45(3): 256-260.
- Subba Rao L V, Prasad G S V, Prasad Rao U, Rama Prasad A S, Acharyulu T L and Ramakirshna S. 2001. Collection characterization and evaluation of rice germplasm from Bastar region. *Indian Journal of Plant Genetic Resource*. 14(2): 222-224. Subbaiah S V and Mahender

- Kumar R. 2001. Effect of Celrich – A New Organic Manure on Grain Yield of Rice Under Irrigated Condition. Journal of Research ANGRAU.29 (2&3): 1 – 5.
- Subbaiah S V, Krishnaiah K and Balasubramanian V. 2002. Evaluation of drum seeder in puddled rice. Agricultural Mechanization in Asia, Africa and Latin America. 3: 4.
- Subbaiah S V, Ramamoorthy K, Kumar R M and Singh S P. 2001. Studies on yield maximization through balanced nutrient ratios in irrigated lowland rice. International Rice Commission Newsletter. Vol. (50): 59 – 62.
- Sujata K.B, D.C. Uprety, D. Nageswara Rao, P.Raghuveer Rao and N. Dwivedi, 2008. UP-regulation of photosynthesis and sucrose-P synthase in rice under elevated carbon dioxide and temperature conditions. Plant Soil Environ. (Czech) 54 (4): 155-162.
- Sujatha K, P Natarajkumar, GS Laha, BC Viraktamath, CS Reddy, B Mishra, SM Balachandran, T Ram, K Srinivasarao, Y Hari, PB Kirti and RM Sundaram. 2010. Molecular mapping of a recessive bacterial blight resistance gene derived from *Oryza rufipogon*. Rice Genetics Newsletter 25:21.
- Sukhpal Singh, Sundaram RM, Biradar SK, Viraktamath BC, Ahmed MI and Siddiq E.A. (2006). Identification of simple sequence repeat markers for utilizing wide-compatibility genes in inter-subspecific hybrids in rice. Theoretical and Applied Genetics 113: 509-517.
- Sundaram R.M., B. Naveenkumar., S.K. Biradar., S.M. Balachandran., B. Mishra., M. Ilyas Ahmed., B.C. Viraktamath., M.S. Ramesha and N.P. Sarma, 2008. Identification of informative SSR markers capable of distinguishing hybrid rice parental lines and their utilization in seed purity assessment. Euphytica (Published online - 10.1007/s10681-007-9630-0).
- Sundaram RM, B Naveenkumar, SK Biradar, SM Balachandran, B Mishra, M Ilyas Ahmed, BC.Viraktamath, MS Ramesha and NP Sarma. 2008. Identification of informative SSR markers capable of distinguishing hybrid rice parental lines and their utilization in seed purity assessment. Euphytica 163: 215-224.
- Sundaram RM, MR Vishnupriya, SK Birader, GS Laha, G Ashok Reddy, N Shobha Rani, MP Sarma, RV Sonti, 2008. Marker assisted introgression of bacterial leaf blight resistance in Samba Mahsuri, an elite rice variety. Euphytica 160: 411-422.
- Sundaram RM, MRV Priya, GS Laha, N Shobha Rani, P Srinivasa Rao, SM Balachandran, G Ashok Reddy, NP Sarma and RV Sonti. 2009. Introduction of bacterial blight resistance into Triguna, a high yielding, mid-early duration rice variety by molecular marker assisted breeding. Biotechnology Journal 4: 400-407.
- Sundaram RM, MRV Priya, GS Laha, N Shobha Rani, P Srinivasa Rao, SM Balachandran, G Ashok Reddy, NP Sarma and RV Sonti. 2009. Introduction of bacterial blight resistance into

Triguna, a high yielding, mid-early duration rice variety by molecular marker assisted breeding. *Biotechnology Journal* 4: 400-407.

Surasak Laloknam, Aporn Bualuang, Bongkoj Boonburapong, Vandna Rai, Teruhiro Takabe and Aran Incharoensakdi. 2010. Salt stress induced glycine-betaine accumulation with amino and fatty acid changes in cyanobacterium *Aphanothece halophytica*. *Asian Journal of Food Ag-Ind.* 3(1): 25-34.

Surekha K and KV Rao. 2009. Direct and Residual Effects of Organic Sources on Rice Productivity and Soil Quality of Vertisols. *Journal of the Indian Society of Soil Science* 57 (1): 53-57.

Surekha K, Reddy M N , Kumar R M and Vijaya Kumar C H M. 1999. Effect of nitrogen sources and timing on yield and nutrient uptake of hybrid rice. *Indian Journal of Agricultural Sciences.* 69 (7) : 477-481.

Surekha K, Reddy M N and Kumar R M.1999. Yield attributes and yield of rice hybrids as influenced by N sources and its split application . *Indian Journal of Agronomy* 44 (1) : 80-88.

Surekha K, Reddy M N and Balasubramanian V 2003. Effect of Potassium application on yield and nutrient use efficiency of rice hybrids and conventional varieties. *Journal of Potassium Research.* 19 (1-4):55-60. (Issue was released in 2004 only).

Surekha K, Reddy M N, Rao K V and Sta Cruz P C 2004. Evaluation of crop residue management practices for improving yields, nutrients balance and soil health under intensive Rice – rice system. *Journal of Indian Society of Soil Science.* 52 (4): 448-453.

Surekha K. 2007. Nitrogen release pattern from organic sources of different C: N ratios and lignin content, and their contribution to irrigated rice (*Oryza sativa*). *Indian Journal of Agronomy.* 52 (3): 220-224.

Surekha K. and K. V. Rao, 2008. Improving productivity and nitrogen use efficiency through integrated nutrient management in irrigated rice (*Oryza sativa*). *Indian Journal of Agricultural Sciences.* 78 (2): 173-176.

Surekha, K, Pavana K Chandra Reddy., A.P. Padmakumari and P.C.Sta Cruz, 2006. Effect of straw on yield components of rice (*Oryza sativa* L.) under rice- rice cropping system. *Journal of Agronomy and Crop Science.* 192:92-101.

Swamy BPM, K Kaladhar, N Sarla, MS Ramesha, N Shobha Rani and BC Viraktamath. 2008. Restoration of pollen and spikelet fertility in Swarna x *O. nivara* backcross derivatives. *Rice Genetics Newsletter* 24: 10- 12.

- Uma Ahuja SC, Ahuja, Rashmi Thakrar and N Shobha Rani, 2008. Scented Rices of India, Asian Agriculture History 12(4): 267-283.
- V.P Singh, S.S Sindhu, D.N Rao, and SR Voleti, 2007. Oxidative stress mechanisms during flower senescence. Plant Stress (Global Science books, UK publisher) 1: 157-170.
- Varaprasad K S, Prasad J S and Srinivasa Rao E. 2002. Castor - a new host to cyst nematode. Indian Journal of Plant Protection 30(2):200-201.
- Venu RC, M Sheshu Madhav, MV Sreerekha, Kan Nobuta, Yuan Zhang, Peter Carswell, Michael J Boehm, Blake C Meyers, Kenneth L Korth and Guo-Liang Wang. 2010. Deep and comparative transcriptome analysis of rice plants infested by the beet armyworm (*Spodoptera exigua*) and water weevil (*Lissorhoptrus oryzophilus*). Rice 3:22–35.
- Vijayakumar C H M, Ahmed M I, Viraktamath B C and Ramesha M S. 1999. Selection of parents and prediction of heterosis in rice, Indian Journal of Genetics. 59 (3) : 295-300.
- Vijayakumar C H M, Ahmed M I, Viraktamath B C, Ramesha M S and Sukhpal Singh. 1999. Identification and utilization of wide compatibility gene in rice. Indian Journal of Genetics 59 (2): 139-148.
- Vijayakumar C H M, Ilyas Ahmed M, Viraktamath B C, Balakrishnan R and Ramesha M S. 2001. Genotype X environment interaction effects on yield of rice hybrids in India. Indian Journal of Genetics. 61(2): 101-106.
- Vijayakumar C.H.M., N. Shobha Rani, L.V. Subba Rao, R. Mahender Kumar, S.R. Voleti, B.C. Viraktamath and B. Mishra, 2006. Breeding for high yielding rice (*Oryza sativa* L.) varieties and hybrids adapted to aerobic (non-flooded, irrigated) conditions – II Evaluation of released varieties, I J Genet Plant Breed 66 (3): 182-186.
- Viraktamath B C and Virmani S S. 2001. Expression of thermo sensitive genic male sterility in rice under varying temperature situations. Euphytica. 122: 137-143.
- Viraktamath B C, Ilyas Ahmed M, Ramesha M S and Mishra B. 2002. ICAR/MRF project sets a new trend. Hybrid Rice Newsletter 3(1): 8.
- Viraktamath BC and N Shobha Rani. 2008. Pivotal position achieved by combination of factors – Rice. Survey of Indian Agriculture 22-24.
- Virmani S S and Ilyas Ahmed M. 2001. Environment Sensitive genic male sterility (EGMS) in crops. Advances in Agronomy 72: 139-195.

- Visarada K B R S and Sarma N P. 2002. Qualitative assessment of tissue culture parameters useful in transformation of indica rice. *Current Science* 82(3): 343-347.
- Visarada K B R S, Silaja M and Sarma N P. 2002. Effect of callus induction media on morphology of embryogenic calli in rice genotypes. *Biologia Plantarum* 45(4): 495-502.
- Visarada K B R S, Vijayakumar C H M and Sarma N P. 2001. Analysis of variation in tissue culture response for identification of *Indica* rice genotypes suitable for transformation. *Journal of Genetics and Breeding* 55: 125-134.
- Voleti SR, AP Padmakumari, VS Raju, MS Babu and S Ranganathan. 2008. Effects of silicon solubilizers and silica transportation, induced pest and disease resistance in rice (*Oryza sativa* L). *Crop Protection* 27(10): 1398-1402.
- Voleti SR, SM Babu and S Ranganathan. 2009. Biocompatible molecules that enhance silica solubilization under ambient conditions: Chemical profile of such complexes, possible mechanism for enhancement , and their effect on the growth and protection from pests in the rice plant (*Oryza sativa* L). *phosphorus, Sulfur and silicon* 184: 1975-1990.
- Yashitola J, Thirumurugan T, Sundaram R M, Nadeerullah M K, Ramesha M S, Sarma N P and Sonti R V. 2001. Assessment of purity of rice hybrids using microsatellite and STS markers. *Crop Science* 42(4)1369- 1373.