

Books Published

- Agarwal, M.L. (2009.) *Perspectives in insect behaviour*. International Book Distributing Co. Lucknow, 596 p.
- Jha, R.K. and Handoo, J.K. (2009). *Krishi vaniki brikshon ka aushadhiya mahatwa*. RAU, Pusa, 35 p.
- Jha, S., Singh, S.P., Prasad, J., Mishra, G.K., Singh, A.P. and Singh, R.R. (2010). *Vermicompost- ek saphal jaivik khad*. Publication Division, R.A.U., Pusa, 30 p.
- Singh, S.K. (2009). *Udyanik faslen (phal, phul, sabzi, masala, kandmul, aushdhiya-sagandh evam mushroom) rog, kit, sutrakrim evam khar-patwar prabandhan*. RAU, Pusa, Samastipur, Bihar, 220 p.
- Singh, A.K. (2010). *Extension Strategies for agricultural and Rural Development*. Daya Publishing House, New Delhi, 473 p.

Research Papers published

- Dwivedi, D. K., Kumar, Rajan and Das, Shivnath (2009). Efficacy and biodynamic of bio-fertilizer and farm yard manure on betel vine (*Piper betel*) crop. *Environment & Ecology*, **27**(4A): 1660-1663.
- Jha, R.K. (2009). *Cassia siamea* (Lamk) Irwin and Barneby based agri-silvicultural system in eastern Bihar: an economic analysis. *Range Management and Agro-forestry*, **30**(2): 153-154.
- Jha, R.K. (2009). Variability, associations, path coefficient and stability analysis in Poplar (*Populus deltoides* Bartr. Ex Marsh). *Indian Journal of Agroforestry*, **11**(1): 32-40.
- Jha, R.K., Karnataka, H.C. and Pant, D.N. (2009). Forest landuse planning of Thano range, DehraDun forest division, Uttaranchal. *Range Management and Agroforestry*, **30** (1): 72-77.
- Kaushik, P., Singh, D. K., Chaudhary, P., Tiwari, A.K., Shukla, G. and Dayal, S. (2010). Protection of mice against *Brucella abortus* 544 challenge by vaccination with recombinant omp 28 adjuvanted with CpG oligonucleotides. *Veterinary Research Communications*, **34**: 119-132.
- Kumar, A. and Prasad, R. (2009). Gene action and degree of dominance through diallel analysis in maize (*Zea mays* L.). *RAU Journal of Research*, **19**(1 & 2): 57-58.
- Kumar, Alok, Singh, S.R., Prakash, Satya and Kumar, A. (2009). Farmers opinion about Kisan call center: A way of farm communication. *Journal of Communication Studies*, **28**: 58-54.
- Kumar, Ashok, Haque, S. and Shekhar, Pallav (2010). Prewaning kid mortality in an organized farm. *Intas Polivet*, No. 11: 295-297.
- Kumar, B., Pandey, S.S., and Kamat, D.N. (2010). Phenotype stability for yield and quality in sugarcane. *Indian Sugar*, **51**(11): 33-37.
- Kumar, Balwant (2009). Selection in finger millet (*Eleusine coracana* L.). *RAU Journal of Research*, **19**(1 & 2): 26-28.
- Kumar, M., Kumar, Rajesh and Singh, R.R. (2009). Effect of micronutrients and plant growth regulators on fruiting of litchi. *International Agricultural Science*, **59**: 521-524.
- Kumar, Manish, Sharma, P.D. and Kumar, Vishal (2009). *Jatropha curcas* for oil extraction, *Environment & Ecology* (Accepted).
- Kumar, Manish, Sharma, P.D. and Kumar, Vishal (2009). Physical properties of *Jatropha* seed, *Environment & Ecology* (Accepted).
- Kumar, N., Sinha, S.R.P., Kuntal, A. and Mohan, Krishna (2009). Countering effect of turmeric (*Curcumin longa*) on experimental salt toxicity in cockerel: A histopathological study. *Indian Journal of Pathology*, **33** (2): 207-208.
- Kumar, Navneet, Kumar, J., Sinha, U.P. and Paswan, S. (2010). Correlation and regression studies in sugarcane. *Environment & Ecology*, **28**(1A): 407-409.
- Kumar, Navneet, Sinha, U.P and Paswan, S. (2009). Correlation and regression studies in sugarcane. *Environment & Ecology*, **27**(3): 1183-1185.
- Kumar, Navnit (2009). Growth, yield and quality assessment of sugarcane (*Saccharum officinarum* L.) varieties under waterlogged condition. *RAU Journal of Research*, **19** (1 & 2): 19-22.
- Kumar, Praveen, Das, D.K., Laik, R. and Chaturvedi, O.P. (2009). Nitrogen supplementation by leguminous tree leaves for rice (*Oryza sativa* L.) cultivation. *Indian Journal of Agroforestry*, **11**(1): 70-75.
- Kumar, R. Nandan, R, Kumar, V. Prasad, S and Singh D. (2009). Response of summer mungbean (*Vigna radiata*) cultivars to sowing time and seed rate. *Indian Journal of*

Agricultural Sciences, **79**(4): 309-312.

- Kumar, Rajesh, Nadan, R., Kumar, Vinod, Prasad, S. and Singh, D. (2009). Response of summer mungbean cultivars to sowing time and seed rate. *Indian Journal of Agricultural Science*, **79**(4): 309-12.
- Kumar, Sanjeet, Rai, A.K. and Agarwal, M.L. (2009). Effect of abiotic factors on the infestation of *Acanthiophilus helianthi* (Rossi) (Diptera: Tephritidae) on cornflower, *Centaurea cyanus* Linnaeus. *RAU Journal of Research*, **19**(1 & 2): 1-3.
- Kumar, Suman, Kumar, Ajit, and Samantaray, S. (2009). Treatment of sub-clinical cases of surra in buffaloes. *Indian Veterinary Journal*, **86**(4): 407-408.
- Kumar, Sunil (2009). Impact of long term effect of green manuring on vertical distribution of DTPA-Zn and organic carbon. *Journal of Indian Society of Soil Science* (Accepted).
- Kumar, Vinod, Saini, S.K. and Rath, A.S. (2009). Weed dynamics and yield of green forage sorghum as influenced by different weed management treatments. *Progressive Research*, **4**(2): 222-224.
- Kumar, Vipin, Prasad, R.K and Kumar, Rajesh (2009). Efficiency of applied nutrients in soil amended with green manuring and green gram straw incorporation under rice-wheat cropping system. *Environment & Ecology*, **27**(3A): 1436-1439.
- Kumar, Vishal, Bhagat, I.B. and Kumar, Manish (2010). Design and development of a centrifugal clarifier based on principle of hydro cyclone for sugarcane juice. *Environment & Ecology* (Accepted).
- Kumar, Vishal, Kumar, Gunjan and Sharma, P.D. (2010). Osmo-convective drying of litchi. *Journal of Agricultural Engineering* (Accepted).
- Kumari, Bobby (2009). Dietary management and preventional steps taken against malnutrition by Government of Bihar. *RAU Journal of Research*, **19**(1 & 2): 43-45.
- Kumari, Renu and Singh, R.R. (2009). Strategy adopted by the NGOs for empowerment of the women. *Agricultural Extension Review* (Accepted).
- Kumari, Sunita and Nidhi (2009). Impact of weaning food on infant's growth. *RAU Journal of Research*, **19**(1 & 2): 40-42.
- Laik, R., Kumar, Kaushlendra and Das, D. K. (2009). Organic carbon and nutrient build-up in a calciorthent soil under six forest tree species. *Forests, Trees & Livelihoods*, **19**: 81-92.
- Laik, R., Kumar, Kaushlendra, Das, D.K and Chaturvedi, O.P. (2009). Labile soil organic matter pools in a calciorthent after 18 years of afforestation by different plantations. *Applied Soil Ecology*, **42**: 71-78.
- Mamey, B.R., Ram, H. and Prasad, S.S. (2009). Impact of soil amendment on properties of the salt affected soil. *Journal of Indian Society of Soil Science*, **57**(3).
- Mishra, R.R. (2009). Influence of socio- economic variables on dairy farmers' decision regarding milk marketing system. *Environment & Ecology*, **27**(4): 1449-1451.
- Mohan, Krishna, and Prakash, B.S. (2010). Changes in endogenous estrogens and expression of behaviors associated with estrus during the periovulatory period in Heatsynch treated Murrah buffaloes (*Bubalus bubalis*). *Tropical Animal Health Production*, **42**: 947-952.
- Mohan, Krishna, Mishra, U.K., Mishra, O.P., Khan, J.R. and Prakash, B.S. (2010). Efficacy of ovsynch protocol with FTAI in anetrous Sahiwal cows and heifers. *Indian Veterinary Journal*, **87**: 297-298.
- Mohan, Krishna, Mishra, U.K., Mishra, O.P., Singh, C. and Prakash, B.S. (2010). Studies on follicular development pattern during ovsynch treatment in anetrous Sahiwal cows and heifers. *Indian Veterinary Journal*, **87**: 448-450.
- Mohan, Krishna, Sarkar, Mihir and Prakash, B.S. (2009). Efficacy of heatsynch for synchronization of estrus, timing of ovulation, endocrine profile and timed artificial insemination in Murrah buffaloes (*Bubalus bubalis*). *Asian Australian Journal of Animal*

Science, **22**(6): 774-780.

- Mohan, Krishna, Sarkar, Mihir and Prakash, B.S. (2010). Temporal changes in endogenous estrogens and expression of behaviors associated with estrus during the periovulatory period in Murrah buffaloes (*Bubalus bubalis*). *Tropical Animal Health Production*, **42**: 21-26.
- Narayan A. (2009). Genetic variability heritability and expected genetic advance for yield and other traits in sorghum (*Sorghum bicolor* (L.) Moench). *RAU Journal of Research*, **19**(1 & 2): 37-39.
- Pandey, A.K., Kumar, V. and Kumar, R. (2009). Effect of long-term organic and inorganic nutrients on transplanted rice under rice-wheat cropping system. *Oryza*, **46**(3): 209-212.
- Pandey, A.K., Kumar, Vipin and Kumar, Rajesh (2009). Long-term integrated effect of organic and inorganic fertilizer on yield, uptake and fertility buildup in transplanted rice under rice-wheat cropping system in calciorthents. *Oryza*, **46**(3): 209-212.
- Pandey, A.K., Singh, S.K. and Prasad, R. (2009). Long term effect of organic and inorganic fertilizer on yield of rice and wheat. *Environment & Ecology*, **27**(3A): 1292-1295.
- Pandey, A.K., Singh, S.K. and Prasad, R. (2009). Long term influence of organic and inorganic fertilizers on nutrient uptake by rice and wheat in calcareous soil. *Environment & Ecology*, **27**(4B): 1903-1906.
- Pandey, I.B., Dwivedi, D.K., and Pandey, R.K. (2009). Integrated nutrient management for sustaining wheat production under late sown condition. *Indian Journal of Agronomy*, **54**(3): 306-309.
- Pandey, S.S., Kamat, D.N., Mandal, S.S., Singh, S.P., Kumar, S., Alam, M., Dwivedi, G.P. and Singh, V.P. (2009). BO 146 a high yielding and high quality sugarcane variety of Bihar. *Indian Sugar*, **58**(12): 21-26.
- Prakash, Satya, De, Dipak, Kumar, Alok (2009). Linkages between beneficiaries and ATMA. *Journal of Communication Studies*, **27**: 8-12.
- Prakash, Satya, Kumar, Alok, and De, Dipak (2009). Linkages between farmers and ATMA. *Journal of Communication Studies*, **28**: 8-12.
- Choudhary, S.K., Rao, A.R., Waini, S.D. and Prabhakaran, V.T. (2010). An index of simultaneous selection of genotypes for high yielding and stability. *Indian Journal of Genetics* (Accepted).
- Ali, M. S., Choudhary, S.C., Alam, I., Kumar, D., Chakraborty, A.K. and Kumar, R. (2009). Pattern of variation of seedling characters in *Pangamia pinnata* L. (Karanja). *Indian Journal of Agroforestry*, **11**(1): 101-102.
- Ali, M.S. and Mandal, M.P. (2009). Effect of aqueous extract of *Jatropha curcas* on growth of moong. *Tropical Forestry*, **25**(iii & iv): 27-31.
- Bala, Shivani (2009). Relationship of socio-personal and economic variables with community resource utilization pattern of female headed migrant households of Bihar. *RAU Journal of Research*, **19**(1 & 2): 52-53.
- Bhagat, I. B., Kumar, R. R. and Kumar, A. (2009). Design, development and evaluation of low cost greenhouse technology to suit cold desert conditions. *Environment & Ecology*, **27** (1A) : 465-471
- Chand, P.C. and Mallik, M.K. (2009). Response of fenugreek (*Trigonella foenum-gracecum*) genotypes to sinorhizobium inoculation in calcareous soil in North Bihar. *RAU Journal of Research*, **19**(1 & 2): 14-18.
- Choudhary, A.K., Pramhansh, P and Mishra, S.B. (2010). Character association and path analysis for yield and component traits in boro rice. *Ecology & Environment*. **27**: 1720-1729.
- Choudhary, D.K., Bhartati, V., Kumar, Vinod and Kumar, A. (2009). Evaluation of water regimes and NPK levels on growth, yield attributes, yield and economics of mid duration rice (*Oryza sativa* L.). *RAU Journal of Research*, **19**(1 & 2): 49-51.

- Choudhary, S.,K., Mukherjee, U. and Ahmad, M.A. (2009). Pesticide use pattern on banana against scaring beetle, *Basilepta subcostatum* jacobyn in Bihar. *RAU Journal of Research*, **19**(1 & 2): 54-56.
- Choudhary, S.K., Rao, A.R., Waini, S.D. and Prabhakaran, V.T. (2009). Performance of simultaneous selection index against missing observations in genotype X environment data. *ICFAI University Journal of Genetics*, No. 2: 36-42.
- Das , Shivnath, Kumar, Rajan, Singh, J. P. and Prasad, S. K. (2009). Effect of nitrogen and potassium levels on growth and yield of hybrid rice (*Oryza sativa*). *Environment & Ecology*, **27** (1A): 430-432.
- Das, D.K. and Chaturvedi, O.P. (2009). Energy dynamics and bioenergy production of *Populus deltoides* G-3 Marsh plantation in eastern India. *Biomass and Bioenergy*, **33**: 144-148.
- Dayaram (2009). Cultivation of milky white mushroom in Bihar. *Indian Journal of Mycology and Plant Pathology*, **39**(2): 283-285.
- Prasad, R.K., Kumar, V., Kumar, Mandal and Kumar, Rajesh (2009). Long-term application for zinc and crop residue on yield and uptake of micronutrients in transplanted rice under rice-wheat cropping system in calciorrhents. *Environment & Ecology*, **27**(3A): 1440-1443.
- Prasad, S.N. and Choudhary, A.K. (2009). Knowledge and adoption of recommended package of practices of boro rice. *RAU Journal of Research*, **19**(1 & 2): 23-25.
- Prasad, Sudarshan, Kumar, R. R. and Sharma, H.C. (2010). Probability analysis of annual maximum daily rainfall of Sahjahanpur District, Uttar Pradesh. *Environment & Ecology*, **28**(2).
- Rahul, Kumar, R.R. and Bhagat, I.B. (2009). Development of a mathematical model for temperature prediction inside the green house. *RAU Journal of Research*, **19**(1 & 2): 4-8.
- Rajak, K. K. and Kumar, Harsh (2009). Studies on tissue culture in sapindaceae : a review. *International Journal of Plant Sciences*, **4**: 321-327.
- Rani, A. and Kumar, Harsh (2010) Adventitious shoot differentiation from cultured stem disc, shoot bud and inflorescence explants of *Chlorophytum borivilianum* L. *International Journal of Plant Sciences*, **5**: 225-229.
- Roy, Subha and Singh, Usha (2009). A study on the consumption pattern of maize in Bihar. *RAU Journal of Research*, **19**(1 & 2): 46-48.
- Samantaray, S., Kumar, Ajit, Shekhar, Pallav and Kumar, Suman (2010). Clinical trial of isometamidium chloride Hel against *Trypanosoma evansi*. *Indian Veterinary Journal*, **87**(10): Accepted.
- Sharma, P., Raman, K.R, Singh, A.K., Poddar, B.K., and Kumar, Rajesh (2009). Production potential and economics of multi-cutforage sorghum with legumes intercropping under various row proportions. *Range Management and Agro-forestry*, **30**(1): 67-71.
- Sharma, R.P., Raman, K.R., Singh, A.K. (2009). Fodder productivity and economics of perlmillet (*Pennisetum typhodes*) with legumes intercropping under various row proportions. *Indian Journal of Agronomy*, **54**(3): 301-305.
- Shekhar, Pallav and Haque, S. (2009). Occurrence of FMD outbreaks in Jharkhand. *Indian Journal of Veterinary Medicine*, **29** (2) : 117-118.
- Siag, M., Ajay, V. and Bhagat, I.B. (2009). Efficient use of canal water through drip irrigation in cotton (*Gossypium hirsutum*). *Indian Journal of Agricultural Sciences*, **79**(10): 794 – 797.
- Singh, S., Singh, R.N., Sarkar, A.K. and Prasad, S.S. (2009). INM for higher productivity of rice-pea cropping system and experience from copper mines area. *Indian Journal of Fertilizer*, **6**: 43-48.
- Singh, S.K., Jha, P.K. and Ray, P.K. (2010). Integrated management of papaya ring spot virus (PRSV) in agro ecological conditions of Bihar. *ISHS Acta Horticulture*, **851**: 487-494.
- Singh, S.K., Jha, P.K. and Ray, P.K. (2010). Papaya diseases in Bihar: An overview. *ISHS Acta Horticulture*, **851**: 481-486.

- Singh, S.K., Kumar, Anil and Choudhary, V.K. (2009). Heterosis and transgressive segregation studies in interspecific crosses involving greengram, *Vigna radiata* L. Wilczek and blackgram, *Vigna mungo* L. Hepper. *RAU Journal of Research*, **19**(1 & 2): 9-13.
- Singh, S.P and Pramila (2009). Corelation and path analysis in fenugreek. *Asian Journal of Horticulture*, **4**: 167-169.
- Singh, S.P., Choudhary, R. and Mishra A.K. (2009). Correlation and path analysis studies in fenugreek. *Journal of Ecofriendly Agriculture*, **4**: 139-141.
- Chaudhary, P.K., Rai, R.C. and Rai, B. (2009). Effect of homoeopathic drugs on conidial germination, growth and sporulation of *Drechslera oryzae* of rice. In : *5th International Conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November, 10-13, 2009.
- Chaudhary, P.K., Rai, R.C. and Rai, B. (2009). Effect of pre and post storage seed treatment by homoeopathic drugs on *Drechslera oryzae* and germination of rice. In : *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.
- Dayaram and Singh, A.K. (2009). Knowledge and awareness about mushroom cultivation under macromode management project. In : *Souvenir of National Seminar on Innovative Extension Strategies for Agricultural Development and Rural Prosperity*, RAU, Pusa, p. 387-391,
- Deo, Sangeeta (2010). Enhancing efficiency of extension. In National Seminar held at IVRI, Izatnagar, December 29-30, 2009.
- Deo, Sangeeta (2010). Influence of education and communication media on the clothing awareness and purchasing practices of tribal girls. In National Conference held at Kolkata.
- Fatma, Tatheer (2009). Child labour problems and prospects: socio legal measures. In: *Souvenir of Seminar* held at BBA University Lucknow, November 24-25, 2009.
- Jha, R.K. (2009). Nakshatra Vanam, A tree garden for meditation, medication and melioration. In : *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009.
- Kabita, Jha, P.K. and Rai, R.C. (2009). Antagonistic effect of the rhizosphere and phylloplane fungi on *Colletotrichum capsici* causing anthracnose disease of betel vine (*Piper betel* L.). In : *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.
- Kashyap, S.N. (2009). Extent of pain perceived by inmates of old age homes for using furniture in Uttarakhand, India. In: *All India Seminar on Ergonomics for Improved Productivity* held at Zakir Hussain College of Engineering at Aligarh Muslim University, Aligarh, November 21-22, 2009.
- Kumar, B. (2010). Quantitative relationship of white rust (*Albugo candida*) of rapeseed-mustard with weather variables and development of prediction model. In: *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.
- Kumar, Manish, Sharma, P.D. and Kumar, Vishal (2010). *Jatropha curcas* for oil extraction. In: 44th ISAE Convention at IARI, New Delhi.
- Kumar, Rajeev (2009). Medicinal assets of wetland. In: *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p.11-12.
- Kumar, Sunil, Tiwari, S., Singh, Pankaj, Kumar, Vipin and Singh, S.P. (2009). Impact of conjoint use of organics and chemical fertilizer on nutrient use efficiency in rice vunder rice-wheat cropping system in calciorthents. In: *Abstracts of Platinum Jubilee Celebration and 74th Annual Convention of Indian Society of Soil Science*, New Delhi, p. 170.
- Kumar, Vishal, Kumar, Ranjeet and Sharma, P.D. (2010). Rheological properties and drying characteristics of yam. In: 44th ISAE Convention at IARI, New Delhi.
- Kumari, Maya, Singh, Reeta, Kumar, Ashok and Krishna, Gopal (2009). Change in attitude after receiving home science training. In : *Souvenir of National Seminar on Innovative Extension Strategies for Agricultural Development and Rural Prosperity*, RAU, Pusa, p.163-164
- Nilanjaya, Narayan, Ashish, and Sattar, Abdul (2010). Aerobic rice - an adaptive strategy

under variable climatic condition in Bihar. In: *National Symposium on Climate Change and Rainfed Agriculture* held at CRIDA, Hyderabad.

- Pathak, K.N. and Mishra, V.K. (2009). Phytonematodes, the hidden enemy of medicinal and aromatic plants. In: *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p. 50-51.
- Pathak, K.N., Keshari, Nishi and Mishra, V.K. (2009). Sugarcane nematology in Bihar. In: *Proceedings of Group meeting of AICRP on Sugarcane*, p. 114-118.
- Prasad, J., Mishra, G.K. and Jha, S. (2009). Nutrient management based soil testing for targetted yield of medicinal & aromatic plants. In: *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p. 43-46.
- Rai, B., Misra, A.K. and Singh, N.K. (2009). Evaluation of fungicides against brown spot disease. In: *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.
- Rai, B., Rai, R.C and Jha, P.K. (2009). Evaluation of botanicals against *Drechslera oryzae* in Kharif rice. In: *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.
- Rajak, K.K., Kishor, C. and Kumar, Harsh (2009). Litchi: A wonderful medicinal plant. In: *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p. 59-65.
- Rani, A., Kumar, M., and Kumar, Harsh (2009). Micropropagation of *Withania somnifera* : a medicinal plant. In : *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p. 66-69.
- Sharma, R.P., Pathak, S.K., Raman, K.R and Kumar, B. (2010). Effect of tillage and planting methods on productivity, profitability and conservation of resources in rice (*Oryza sativa*) and wheat (*Triticum aestivum*) system. In: *Seminar on Soil Security for Sustainable Agriculture* held at College of Agriculture, Nagpur, February 27-28, 2010.
- Shrivastava, Mukesh and Kumar, R (2010). Effect of seed rate and clearance on spice grinding in mini grain mill. In 44th ISAE Convention at IARI, New Delhi.
- Singh, D. K., Singh, R.R., Jha, S. and Tiwari, S. (2009). Form of zinc and their correlation with soil properties in tal land. In: *Abstracts of Platinum Jubilee Celebration and 74th Annual Convention of Indian Society of Soil Science*, New Delhi, p. 60.
- Singh, S.P., Choudhary, R. and Mishra A.K. (2009). Genetic variability, heritability and genetic advance in fenugreek. *Journal of Ecofriendly Agriculture*, **4**: 184-186.
- Singh, S.P., Choudhary, R. and Mishra, A.K. (2009). Effect of different combination of organic manure on growth and yield of ginger. *Journal of Ecofriendly Agriculture*, **4**: 23-24.
- Singh, S.P., Choudhary, R. and Mishra, A.K. (2009). Combination effect of zinc, boron and iron on yield and economics of ginger. *Journal of Ecofriendly Agriculture*, **4**: 125-129.
- Singh, S.P., Singh, Room, Srivastava, P.C. and Singh, Pankaj (2009). Different forms of sulphur in soils of Udham Singh Nagar District, Uttarakhand and their relationship with soil properties. *Agropedology*, **19**(1): 68-74.
- Sinha, S.K., Kumar, S. and Shahi, V.K. (2009). Molecular diversity of rhizobium isolates from different agroclimatic zone of Bihar. *Indian Journal of Mycology and Plant Pathology*, **39**(3): 556.
- Thakur, A., Kumar, Suman, Kumar, Ajit, Kumar, Sanjay and Samantaray, S. (2009). Comparative efficacy of three anthelmintics against *G. explanatum* infection in buffaloes. *Indian Veterinary Journal*, **86**(9): 973.
- Thakur, S.K., Jha, C.K. and Paswan, S. (2010). Effect of salinity on germination, cane yield, uptake and juice quality of sugarcane genotypes. *Environment & Ecology*, **28**(1A): 315-318.
- Tirkey, B.K., Kumar, M and Dayaram (2009). Effect of different casing on yield of *Agaricus*

bisporus and *A. bioforquis*. *Indian Journal of Mycology and Plant Pathology*, **39**(3): 471-474.

- Tyagi, S., Kumar, Vinod, Saini, S.K. and Rathi, A.S. (2009). Effect of integrated use of organic manures and inorganic fertilizers supplemented with biofertilizers for higher profitability in sugarcane ratoon cropping system. *Progressive Research*, **4**(2): 167-171.
- Upadhyay, H.D., Singh, S.K., and Varshney, S.K. (2009). Developing mini core collection in finger millet using multilocation data. *Crop Science* (Accepted).
- Vibha and Sinha, Asha (2009). Succession of fungi on decomposing rice stubbles in rice-wheat cropping system. *Oryza*, **46**(2): 140-144.
- Yadav, A.K., Singh, P.K. and Mishra, S.B. (2009). Genetic variability and association of quantitative traits with grain yield in wheat (*Triticum aestivum* L. and *Triticum durum* desf.). *RAU Journal of Research*, **19**(1 & 2): 29-36.
- Yadav, K.P. Kumar, V. and Nath, P. (2009). Persistence and dissipation of different isomer of
- Singh, Meera (2010). Empowerment of women through enterprise management. In: *National Seminar on Empowerment of Women: Emerging Challenges* organized by the Society of Home Scientists for Agricultural and Rural Institutions at Punjab Agricultural University, Ludhiana, February 18-19, 2010.
- Singh, P.P and Yadav, R.P. (2010). Relative efficiency of various bio-pesticides and microbial formulations against sweet potato weevil in Bihar. In: *Souvenir and Abstract of 8th National Symposium on Problems and Perspective in Ecofriendly Innovations to Plant Protection* held at CSAU Agril. & Tech. Kanpur, p. 48-49.
- Singh, S. R. (2009). Characterization of Diara buffalo in Bihar – A phenotypic approach. In: *7th National Symposium on Challenges to Domestic Animal Bio-diversity and Action Plan for its Management & Utilization* held at Anand Agricultural University, Anand, February 10-11, 2010.
- Singh, S.R. (2009). Disaster management of livestock in flood. In: *International Conference on Disaster Management* held at BVC, Patna, July 14-15, 2009.
- Singh, S.R. (2009). Genetic studies on Tall like Receptor (TLR-4) gene in indigenous breed of goat. In: *7th National Symposium on Challenges to Domestic Animal Bio-diversity and Action Plan for its Management & Utilization* held at Anand Agricultural University, Anand, February 10-11, 2010.
- Singh, S.R. (2009). Microsatellite genotyping in Diara buffalo-a lesser known true breeding population of buffalo in Bihar. In: *7th National Symposium on Challenges to Domestic Animal Bio-diversity and Action Plan for its Management & Utilization* held at Anand Agricultural University, Anand, February 10-11, 2010.
- Singh, S.B., Kumar, A. and Kumar, A. (2009). Genotype x environment interaction in bread wheat (*Triticum astivum* L.). In: *Abstract Published in National Seminar on Designing Crops for the Changing Climate* held at BAU, Kanke, Ranchi organized by ISG & PB, ICAR, N. Delhi, October 30-31, 2009, p. 156-157.
- Suman, S., Rajak, K.K. and Kumar, Harsh (2009). Tissue culture studies in medicinal banana genotypes. In: *Souvenir of State level Seminar cum Training on Emerging Trends in Cultivation of Medicinal and Aromatic Plants*, RAU, Pusa, October 27-28, 2009, p. 81-82.
- Suman, S.N., Prasad, S.S., Kumar, Vipin, Yadav, R.C., Choudhary, B.C., Singh, R.R. and Verma, V.S. (2009). Soil Science for social awareness and sustainable soil management. In: *Abstracts of Platinum Jubilee Celebration and 74th Annual Convention of Indian Society of Soil Science*, New Delhi, p. 310.
- Vibha (2009). Screening of *Aspergillus* spp. against *Rhizoctonia solani*, the causal agent of Rice sheath blight. In: *5th International conference on Plant Pathology in the Globalized Era* organized by Indian Phytopathological Society, IARI, New Delhi, November 10-13, 2009.

Popular Articles Published

- Agarwal, M.L. (2010). Chuhe: Samasya evam nidan. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p.170-172.
- Agarwal, M.L. (2010). Phal makhiyo ka samekit prabandhan. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p.143-144.
- Chandra, R.. Singh, A.K and Jain, S.K. (2009). Yantrik bidhiya dwara varsa jal prabandhan, *Adhunika Kisan*, **38**(3):3-5.
- Das, D.K. (2009). Krishivaniki: Jeevikoparjan evam tikau kheti hetu ek sahi bhu-prabandhan. *Krishi Vaniki Alok* (NRCAF), Jhansi, **3**: 54-57.
- Dayaram (2010). Adhik aya ke liya mushroom ki kheti. *Adhunika Kisan*, **39**(1): 34-36.
- Dwivedi, D.K. Jha, P.K. and Singh, S.K. (2009). Giloy he amaritvalli. *Adhunika Kisan*, **38**(1): 23-24.
- Jha, P.K and Singh, S.K. (2010). Poshan prabandhan dwara udhyani phaslon men rog prabandhan. In: *Udhyani Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 8-9.
- Jha, P.K. (2010). Paan men samekit keet-vyadhi prabandhan. In: *Udhyani Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh(ed.). RAU Publication, p.109-110.
- Jha, R.K. (2009). Bans bito ka prabandhan evam utpadakta. *Krishi Vaniki Alok* (NRCAF), Jhansi, **3**: 33-37.
- Jha, R.K. (2009). Bans se bijli. *Adhunika Kisan*, **38**(6): 22-24.
-
- Jha, R.K. (2009). Bans se unnat kisma ke charcoal banana. *Adhunika Kisan*, **38**(5): 38-43.
- Jha, R.K. (2009). Bihar me bans ki prajatiya tatha barh prabandhan. *Adhunika Kisan*, **38**(2): 27-30.
- Jha, S. and Prasad, J. (2010). Jaivik kheti ke labh. *Adhunika Kisan*, **39**(1): 48-50.
- Jha, S. and Prasad, J. (2010). Vermicompost. *Adhunika Kisan*, **39**(1): 51-53.
- Jha, S., Prasad, J., Mishra, G.K., Singh, A.P. and Singh, R.R. (2010). Vermicompost: samridh kheti ka vikalp. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 207-210.
- Kumar, Birendra and Singh, S.K. (2009). Ekh ke rogo ka samekit prabandha. *Adhunika Kisan*, **38**(5): 4-6.
- Kumar, Birendra, Singh, S.K. and Jha, P.K. (2009). Rai, tori evam sarson me rog prabandhan. *Adhunika Kisan*, **38**(5): 13-15.
- Kumar, Mukesh. (2009). Tal ewam chaur kshetra ki mrida samridhi samasyayen evam prabandhan. *Adhunika Kisan*, **38**(4): 19-20.
- Kumar, V. and Dwivedi, D.K. (2009). Khushali hetu ratriya pushp kamal ugayen. *Adhunika Kisan*, **38**(2): 24-26.
- Kumar, Vinod (2009). Sasya vidhiyon dwara adhunika varshajal prabandhan. *Adhunika Kisan*, **38**(3): 6-7.
- Kumar, Vipin and Singh, A.P. (2009). Bihar ki mittiyon men boron ka astar evam nidan. *Adhunika Kisan*, **38**(2): 14-15.
- Kumar, Vipin, Prasad, R.K., Singh, A.P. and Suman, S.N. (2009). Vibhinn urvarko ki

suddhatta ki janch kaise karen. *Adhunik Kisan*, **38**(5): 34-35.

- Rai, B. (2010). Masala phaslon men samakit rog prabandhan. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 102-104.
- Ray, P.K. and Singh, S.K. (2009). Purane bango ka jirnodhar. *Adhunik Kisan*, **38**(6): 1-5.
- Singh, A.K (2009). Varsasrit kheti me bhumi or jal prabandhan. *Adhunik Kisan*, **38**(3): 17-20.
- Singh, A.K.P. (2010). Jal Prabandhan hetu sichai padhatiya. *Adhunik Kisan*, **39**(1): 54-55.
- Singh, A.P., Kumar, Vipin and Singh, R.R. (2009). Bihar ki mittiyon men sukshm ewam gaun poshak tatvon ki kami evam sudhar ke tarike. *Adhunik Kisan*, **38**(2): 16-18.
- Singh, N.K. and Kumar, R. (2010). Kharif dhan ki kheti. *Adhunik Kisan*, **39**(1): 7-10.
- Singh, Pankaj, Singh, S.P. and Singh, R.R. (2009). Bihar ki krishi men amliya mittiyon ki pahchan ewam prabandhan. *Adhunik Kisan*, **38**(2): 19-20.
- Singh, R.R. and Singh, S.P. (2010). Mrida prabandhan. *Adhunik Kisan*, **39**(1) : 45.
- Singh, S.K. (2009). IDM in mango (In Hindi). In: *Faslotpadan (nai uplabdhiya evam unnat utpadan taknik)*. ICAR Regional station, Pusa Publication, p. 32-34.
- Singh, S.K. (2009). Udyanik faslon me rog prabandhan. *Adhunik Kisan*, **38** (2) : 1-5.
- Singh, S.K., Jha, P.K., Kumar, B. and Rai, R.C. (2010). Pramukh Kharif- Jayad faslon me rog prabandhan. *Adhunik Kisan*, **39**(1): 28-33.
- Singh, S.K., Rai, R.C. and Ray, P.K. (2009). Bihar me krishi chunotiya evam sambhabnay. *Rajya Kisan Ayog, Bihar, Pant Bhawan Publication*, p. 130-135.
- Singh, U.S. (2010). Masala, aushdhiya evam sugandh, phasalon mein samekit sutrakrimi prabandhan. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 181-184.
- Singh, Y. (2009). System of rice intensification (SRI) Technique dwara dhan me jal prabandhan. *Adhunik Kisan*, **38**(3): 27-30.
- Suman, S.N., Kumar, Vipin, Singh, A.P., Prasad, R.K. and Singh, R.R. (2009). Dhan men khaira rog – Lakshan evam bachao ke upaye. *Adhunik Kisan*, **38**(5): 36-37.
- Suman, S.N., Kumar, Vipin, Singh, A.P., Prasad, S.S., Yadav, R.C. and Singh, R.R. (2009). Mitti janch karwane ki vidhi evam mahatava. *Adhunik Kisan*, **38**(6): 9-10.
- Vibha and Pandey, Rakesh (2009). Utilization of solar energy in pest management. *Indian Farmers Digest*, **42**(9): 40-42.
- Kumari, Rita and Singh, S.K. (2009). Pramukh kandmool fanslo ke pramukh rog evam prabandhan. *Adhunik Kisan*, **38**(4): 9-11.
- Mallik, M.K., Singh, S.K. and Agarwal, M.L. (2010). Jaivik khad: Uplabdhta, gurbatta evam upyogita. In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 204-206.
- Pathak, K.N. (2010). Mitti mein chhipe gupt shatruon se udyanik phaslon ko bachayen . In: *Udyanik Faslen (Phal, Phul, Sabzi, Masala, Kandmul, Aushdhiya-Sagandh evam Mushroom) Rog, Kit, Sutrakrim evam Khar-Patwar Prabandhan*. S.K. Singh (ed.). RAU Publication, p. 175-177.
- Prasad, Sudarshan (2009). Laser levelling technique – An introduction. *Adhunik Kisan* , **38**(3): 8-12.