

## **Research Publications for the year 2014**

- A K Das, Dibyendu Chakraborty, Nishant Kumar, Parul Gupta, Nusrat N Khan and Saba Bukhari. 2014. Effect of non-genetic factors on performance traits in Kashmir Merino sheep. *Indian Journal of Animal Research*, 48 (2): 106-108.
- A P Singh, Amrish Vaid and Vishal Mahajan (2014) Impact of KVK Training Programmes and Frontline Demonstrations on Adoption of Pusa Basmati 1121 in Kathua district of Jammu and Kashmir. *Journal of Krishi Vigyan*. 2 (2): 44-48.
- A.K. Raina, Vijay Bharti and A. Samanta, (2014) Impact of effective rainfall in rainy season on irrigation efficiency in canal commands of Jammu, *Journal of Environment and Ecology* (Accepted).
- A.K. Raina, Vijay Bharti, (2014) Optimization of water allocation within identified distributary of Tawi lift command area of Jammu, *Proceedings National Seminar on Natural Resource Management and Environment Concerns held at G.B. Pant University (Uttarakhand)*, Page: 89-91, May, 16-18.
- Ahmed, S., Sharma, A., Bhushan, B., Singh, A.K. and Wali, V.K. 2014. Effect of carbohydrate source, pH and supporting media on in vitro rooting of banana (*Musa spp.*) cv. Grand Naine plantlets. *African Journal of Agricultural Research*.9 (4): 1135-1140.
- Ankush Proch, Khan, A. Koul, A. and Thirumurugan, P. (2014). Heat stress ameliorating effect of water showering on physiological parameters of crossbred dairy cattle, *Indian Veterinary Journal*. 91 (6). 51-53
- Baba NA, Raina R, Verma PK, Sultana M. (2014) Alterations in Plasma and Tissue Acetylcholinesterase Activity Following Repeated Oral Exposure of Chlorpyrifos Alone and in Conjunction with Fluoride in Wistar Rats. *Proceedings of the National Academy of Sciences, India-Section B: Biological Sciences*; DOI:10.1007/s40011-013-0286-3.
- Bakshi, P.; Bhat, D.J.; Wali, V.K.; Sharma, A. and Iqbal, M. 2014. Growth, yield and quality of strawberry (*Fragaria x ananassa* Duch.) cv. Chandler as influenced by various mulching materials. *African Journal of Agricultural Research*. 9 (7): 701-706.
- Bakshi, P.; Bhushan, B.; Sharma, A. and Wali, V.K. 2014. Studies on variability in physico-chemical traits and multiplication of Daru (wild pomegranate) collections. 71 (1): 12-15.

- Bhardwaj R.K. and Sudhir Kumar (2014). Management of goat with one mummified and live fetus. *Indian Veterinary J.* 91(02):64-65.
- Bhat Anju, Kaul Raj Kumari, Neeraj Gupta and Monica Reshi. 2014. Effect of polyamines on shelf life and chilling injury of mango cv. Dashehari. *The Bioscan* (Accepted).
- Bhat, Anil, Kachroo, Jyoti and Singh, S. P. (2014). A study on behavior of arrivals & prices of citrus in Narwal Market of Jammu, INDIA. *Indian Journals of Agricultural Research*. Vol.: 48 (1): 23-28.
- Bhat, Anil. (2014). Agricultural Marketing and Price Spread Analysis for Citrus Fruits in Jammu and Kashmir. Full length paper published in *Compendium of the NABARD Seminar on Land Question: Agricultural Credit, Technology and Marketing Reforms for Inclusive Growth in Jammu & Kashmir*.pp: 22-28.
- Charak A.S., Kour M. and Khokhar A. 2014. Production potential and Economic feasibility of rice (*Oryza sativa*) and Maize (*Zea mays*) based cropping sequences at Western Himalyan. *Bioinfolet* 11(1a): 86-88.
- Charak, A.S., Sharma A. and Bandral R. 2014. Nutrient management through vermicompost in Knol-Khol in Doda Distt. of Jammu & Kashmir. *Bioinfolet* 11(1a): 63
- Charak, A.S.,Kour, M.,Khokhar, A.,Razdan, A.K. 2014. Productivity, profitability, energetics and nutrient Use efficiency of maize (*Zea mays*) cultivars at different fertility levels under rainfed conditions of temperate zone in J&K. *Bioinfolet*,11(1): 84-86.
- Dar K. H., Gupta A. K., Bhadwal M. S., Gupta S. K., Gupta P., Kushwaha R. B. and Raina R. 2014. Evaluation of xylazine-Diazepam-Ketamine anesthesia in mules: Anesthetic, Haemato-biochemical and Blood gas studies *The Indian Journal of Animal Sciences* 84(2):130-135
- Dileep Kachroo, N. P. Thakur, ManpreetKour, Parshotam Kumar and Rohit Sharma (2014). Diversification of rice (*Oryza sativa*) based cropping system for enhancing productivity and employment.. *Journal of Agronomy*. Vol. 59(1), Pp: 21-15
- Dwivedi, Sudhakar and Jha, A. K. (2014). A Study of Instability in Area, Production and Productivity of Paddy Crop in Bihar. *Research Journal of Agricultural Sciences*, 5(1):101-104.
- F.A. Zargar, Sunil Kumar, Z.F. Bhat and Pavan Kumar 2014. Effect of pumpkin on the quality characteristics and storage quality of aerobically packaged chicken sausages. *SpringerPlus* 3:39 doi:10.1186/2193-1801-3-39.

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- Gupta, N., Zargar, S.M., Gupta, M and Gupta, S.K. 2014. Assessment of genetic variation in Indian mustard (*Brassica juncea* L.) using PCR based markers. *Molecular Plant Breeding.* 5(3): 10-17.
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- Rajinder Peshin, L.K. Sharma, Rakesh Sharma, Vinod Gupta, S.K.Diwedi, Rakesh Nanda, Raj Kumar and K.S.Risam . Yield gap and determinants of productivity of wheat in Jammu division of J&K state.. NABARD Seminar: Research papers. Land question: Agricultural Credit, Technology and Marketing reforms for inclusive growth in Jammu and Kashmir. 06 January 2014: 1-11
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