

## **Research papers published**

- Singh, P.P. and Ray, R. (2011). Management of sweet potato weevil (*Cylas formicarius* Fab.) through host plant evasion and biopesticide application.*Bihar J. Hort.* **1** (1) : 21-25
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- Kumar, A. and Prasad, R. (2010).Gene action and degree of dominance in maize. *RAU, J. Res.***20** (1&2)....
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- Chaudhary, A.K. and Mishra, S.B. (2011). Character Association and Path analysis study in sweet potato (*Ipomoea batatas* L.) *Environment and Ecology*.**29** (IA) : 435-438.
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- Shailesh Kumar (2010). Medicinal and Aromatic Plants for higher income and profitability, Sovenir of Horticulture seminar on development of horticulture in Bihar-Issue and strategies, 28-29 Jan, 2011, 62-68.
- BTech Biotechnology student Uma Shankar Prasad Uday presented his research findings titled “ A Miniprep method modified for rapid and economical isolation of genomic DNA from local wheat varieties without using liquid Nitrogen” in a National Symposium on Biotechnological Perspective of Plants, Microbes & their interaction, held at University Department of Botany, B.R.A. Bihar University, Muzaffarpur, Bihar, on January15-17, 2011

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#### **Papers presented in seminars / symposiums**

- Singh, P.P. (2011). Management of sweet potato weevil (*Cylas formicarius* Fab.) through intrcropping of yam bean and marigold (abstract). National Symposium on Crop health management for Sustainable Agri-horticultural Cropping system held at CARI Port Blair from 17-19, February 2011 pp. 73.
- Singh, P.P. and Yadav, R.P. (2011). Depressive effect of stemfly (*Ophiomyia phaseoli* Tryon) attack on plant growth in field pea (*Pisum sativum* L.) as influence by its genotypes (Abstract) National Symposium on crop health management for Sustainable Agri-horticultural Cropping system held at CARI Port Blair from 17-19 February 2011 pp. 72.
- Choudhary, A.K., Singh, P.P. and Singh, A.K. (2011). Genetic variability, correlation and Path analysis study in Arvi (*Colocasia esculenta*). (Abstract) Nat. Symposium organized by Indian society for Root Crops at CTCRI, Thiruvananthapuram (Kerala) from 20-22 January, 2011 pp. 79.
- Kumari, Rita and Rai, Bimla (2011). Pathogenic behaviour of *Helminthosporium halodes* and *Alternaria alternate* on different genotypes of sugarcane seedlings (Abstract). Nat. Symposium on crop health management for sustainable Agri-horticultural cropping system held at CARI, Port Blair from 17-19, February, 2011. pp. 101-102.

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- Arya, M. and Singh, H.C. (2010). Forest biodiversity for food and economic security of the Nation SAARC Workshop on biodiversity conservation in young scientists group. At BHU, Varanasi pages 60-67.
- Singh, H.C., Arya, M. and Khan, M.A. (2010). Study of potential genetically diverse inbred lines on the basis of physiomorphological characters in Maize (*Zea mays* L.) SAARC Workshop on biodiversity conservation in young scientists group. At BHU, Varanasi pp 97-98.
- Singh, H.C., Arya, M., Shukla, P.R. and Shukla, M.S. (2010). Combining ability and heterosis in Maize (*Zea mays* L.) SAARC Workshop on biodiversity conservation in young scientists group. At BHU, Varanasi pp 167.
- Arya, M., Mishra, S.B. and Singh,A.K. (2010). Identification of suitable drought tolerant chickpea genotypes under rice-follows of North Bihar SAARC Workshop on biodiversity conservation in young scientists group. At BHU, Varanasi page 93.
- Kumar, Vinod, Kumar, Rajan, Gupta, S.P. and Singh, M.P. (2011) Effect of Irrigation and Mechanical Weeding on Rice Grown under System of Rice Intensification. In: *National Seminar on "Strategic Resource Management for Sustainable food and Water Security"* at Pantnagar
- Gupta, S.P. (2011) Field Studies on the effect of Micro-Irrigation and Surface Method of Irrigation on Okra. In: *National Seminar on "Strategic Resource Management for Sustainable food and Water Security"* at Pantnagar

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- Alam, M., Sinha, S.K., Poddar, B.K., Jha, C.K., Kumari Geeta and Thakur, S.K. (2010) Bio-methanated distillery effluent and Bio-compost: Promising alternatives of plant N nutrients for sugarcane production in *Proceedings of the 9<sup>th</sup> Joint convention of STAI and SISSTA* at Chennai
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- Prasad, J., Jha, Shankar, Singh, S. K. , Kumar, V., Suman, S.N. and Chaudhary, K 2011 Nutrient Management For Horticultural Crops; Scenario in Bihar, Development of Horticulture in Bihar Issues and Strategies; Bihar Horticultural Society, Souvenir of Seminar,Jan.28-29, Patna; 50-56
- Shalu Kumari, V.K.Sharma, R. Kumar, Sniddha and Tanuja Sharma (2011). Simple sequence repeat markar based polymorphism and divergence analysis in rice. A paper presented in National Symposium on Biotechnological perspective of plants, microbes and their interactions (OP-33, pp. 97) organized from 15<sup>th</sup>-17<sup>th</sup> January, 2011).
- V.K.Sharma, Shalu Kumari, R.Kumar, Snidha and Tanuja Sharma (2011). Simple sequence length polymorphism in locally adapted varieties of rice. A paper contribution for presentation in National Seminar on Contemporary approaches to crop improvement (Book of abstrcts, pp-245) organized from 22<sup>nd</sup> – 23<sup>rd</sup> April, 2011 at University of Agricultural Sciences, Bangalore.
- Shuchi Smita, V.K.Sharma, S.K.Sinha and V.K.Shahi (2011). Morphological physiological and molecular characgterization of rhizobia isolates. A paper presented in National

Symposium on Biotechnological perspective of plants microbes and their interactions (OP-26, pp 93) organized from 15<sup>th</sup>-17<sup>th</sup> January, 2011 by UGC Centre of Special Assistance Programme (SAP) at BRA Bihar University, Muzaffarpur.

- Vandana, M.Kumar, H.Kumar and Nandkishore Sharma (2011). Micropropagation of strawberry (*Fragaria x ananassa* Duch). National symposium on plant sciences. VBS Purvanchal University, Jaunpur.
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