

List of Publication

A. Research Publications

- Ahmed, N. and Singh, D. B. (2009). Status of Temperate Fruits in Cold Arid Regions. Key Note Presentation during "Paper presented during "International Conference on Nurturing Arid Zones for people and environment: Issues and Agenda for the 21st Century, November 24-28, 2009, CAZRI, Jodhpur.
- Ara, A., Narayan, R., Ahmed, N. and Khan, S.H. (2009). Genotypic variability and selection parameters for yield and quality attributes in tomato. *Indian J. of Horticulture* 66(1): 73-78
- Attri, B.L. (2009). Effect of initial sugar concentration on the physico-chemical characteristics and sensory qualities of cashew-apple wine. *Natural Product Radiance*, 8(4): 374-379.
- Das, B., Ranjan, J.K., Krishna, H. and Pragya (2009). Quality Almond production from Uttarakhand. *Indian Horticulture*, 54(5): 29-30.
- Faheema, S., Ahmad, N., Hussain, K., Narayan, S. and Chattoo, M.A. (2009). Response of long day onion cv. Yellow Globe to different levels of nitrogen phosphorus and potassium under temperate conditions of Kashmir valley *The Asian Journal of Horticulture*, 4 (1) : 131-133
- Jabeen, N., Ahmed, N., Gupta, A. J., Khan, S.H. and Chattoo, M. A. (2009). Inheritance of yield and its components in chilli (*Capsicum annum*) *Vegetable Science* 36(2): 244-247
- Jabeen, N., Ahmed, N., Muzzaffar, Y., Ghani, P., Sofi, A. (2009). Role of phenolic compounds in resistance to chilli wilt. *Communications in Biometry and Crop Science* 4(2), 52-61.
- Khan, S. H., Ahmed, N., Jabeen, N., Mushtaq, F. and Hussain, K. (2009). Genetic divergence in kale (*Brassica oleraceae* var. *acephala* L.) *The Asian Journal of Horticulture*, 4 (1) : 134-137
- Kouser, P. Wani, Ahmed, N., Afroza, B. and Hussain, K. (2009). Line x Tester analysis for combining ability in bottle guard under temperate conditions of Kashmir valley. *Indian Journal of Horticulture*, 66 (4), : 476-482
- Narayan, S., Ahmed, N., Chattoo, M.A., Hussain, K., Mufti, Shahnaz and Bhat, S.A. (2009). Effect of nitrogen and spacing on seed production of paprika (*Capsicum annum* L. sub *grossum*) under temperate conditions. *Progressive Agriculture* 8(1) :32-33
- Singh, D. B., Ahmed, N. and Verma, M.K. (2009). Post Harvest Management and Value addition of selected fruits of cold arid zone for sustainable development. Paper presented during " International Conference on Nurturing Arid Zones for people and environment: Issues and Agenda for the 21st Century, November 24-28, 2009, CAZRI, Jodhpur
- Singh, D. B., Singh, D. and Sharma, R.R. (2009). Studies on suitability of low chilling peach cultivars for irrigated arid ecosystem. *The Asian Journal of Horticulture*. 4 (1): 44-46.
- Singh, D.B. (2009). Comparative study of organic and conventional farming of Pineapple. *The Asian Journal of Horticulture*. 4 (1):1-4.
- Singh, D.B. (2009). Post Harvest Management of Ber for its Processing and preparation of Novel Value Added Products. Paper presented during " International Conference on Nurturing Arid Zones for people and environment: Issues and Agenda for the 21st Century, November 24-28, 2009, CAZRI, Jodhpur.
- Singh, D.B., Goyal, R.K. and Kingsly, A.R. P. (2009). Quality of dehydrated plum slices as

- affected by pre treatment and drying temperature. *The Asian Journal of Horticulture*. 4 (1):95-98.
- Sofi, A.A., Verma, M. K., Ahmed, N., Verma, R. K., Kumar, D., Mir, J.I., Singh, D. B., Choudhary, H., Lal, S., Singh, S.R., Srivastava, K.K., Sheikh, M.A., Pushkar, B.K. and Dar, G.A. (2009). New apricot varieties released. *Indian J. Hort.* 66(4), December 2009: i-iii.
- Thakur, A.K., Patil, R. T., Singh, D.B. and Gupta, R.K. (2009). Development of tool and machine for safe separation of arils from pomegranate. Paper presented during 2nd International Symposium on Pomegranate and Minor Including Mediterranean Fruits (ISPMMF) June 23-27 2009 held at UAS, Dharwad, India.
- Wani, P. K., Ahmed, N., Hussain, K. and Dar, Z. A. (2009). Mean Performance of Various Characters in Bottle Guard (*Lagenaria siceraria* L.) under Kashmir Conditions. *Advances in Plant Sciences*. 22 (II) pp. 523-527
- Chattoo, M. A., Ahmad, N., Wani, J. A., Najar, G.R., Khan, S.H. and Faheema, S. (2009). effect of organic manures and inorganic fertilizers on nutrient uptake in okra (*Abelmoschus esculentus* (L) Moench). *Environment and Ecology* 27 (4): 1455-1457.
- Ahmed, N., Lal, S., Singh, S.R. and Mir, J.I. (2010). 'Genetic resources of temperate fruits and nuts and their conservation' Souvenir, National Symposium on conservation horticulture-2010 from 21-23, 2010, Dehradun.
- Ahmed, N., Mir, J. I., Singh, S. R., Itoo, H., Sheikh, M. A., Rizwan Rashid, and Wani, S. H. (2010). Mir. Role of Phenolics on invitro regeneration of walnut (*Juglans regia* L.). National Symposium on production of quality seeds and planting material – Health management in horticultural crops, 11-14 March 2010, New Delhi. P 174
- Attri, B.L., Krishna, H., Das, B., Ranjan, J.K., Pragya and Ahmed, N. (2010). Effect of bio-regulators on the shelf life of different cultivars of peach (*Prunus persica* L. Batsch.). Abstract and poster presented at National Symposium on Conservation Horticulture, Dehradun, 21-23 March, 2010. p. 262.
- Kumar, D., Pandey, V. and Vishal Nath (2009). Production of organic inputs for organic horticulture. *Sabujima*, Plant Lover Association.17: 24-29.
- Pandey, V., Kumar, D., Singh, H.S. and Nath Vishal (2009). Care and management of mango orchards during flowering and fruiting. *Sabujima*, Plant Lover Association.17: 41-44.
- Das, B., Krishna, H., Ahmed, N. and Attri, B. L. (2010). Production of quality planting materials of apple for replanting and area expansion in Uttarakhand. Abstract in National Conference on Production of quality seeds and planting material-Health management in Horticultural crops, 11-14 March 2010 at New Delhi.
- Das, B., Krishna, H., Attri, B.L., Ahmed, N., Ranjan, J.K. and Pragya (2010). Identification of suitable apple cultivars under changing climate in Uttarakhand. Abstract and poster presented at National Symposium on Conservation Horticulture, Dehradun, 21-23 March, 2010. p. 208-209.
- Krishna, H., Das, B., Attri, B.L., Ranjan, J.K., Pragya and Ahmed, N. (2010). Efficacy of arbuscular mycorrhizal (AM) fungi in suppression of *Botryosphaeria* canker of apple. Abstract presented at 2nd Rastriya Yuva vaigyanik Sammelan, Dehradun from 6th-7th February, 2010. p. 34.
- Kumar, D., Ahmed, N., Verma, M.K. and Verma, R. K. (2010). *In-situ* moisture conservation and rainwater harvesting techniques for higher almond production under rainfed conditions. National Symposium on Climate Change and Rainfed Agriculture. February 18-20, 2010. Central Research Institute for Dryland Agriculture, Hyderabad, extended summaries, volume-II pp. 371-373.
- Lal, S. and Ahmed, N. (2010). 'Role of exogenous hormonal rooting Co-Factor and basal injury

- in quality planting material production of pomegranate in book of abstract of National Conference on Production of Quality Seeds and Planting Material- Health Management In Horticultural Crops. 11-14 March 2010, NASC, New Delhi.
- Mir, J. I. Ahmed, N., Rizwan Rashid, Wani, S. H., Itoo, H. and Sheikh, M.A. (2010). Corm Multiplication and Development of Stigma Like Structures Under *In-Vitro* Conditions In Saffron. National Symposium on Botanical Researches- Present Scenario, 18-19, February 2010. Department of Botany, Punjabi University, Patiala, Pp 143
- Mir, J. I., Ahmed, N., Itoo, H., Sheikh, M.A., Rizwan Rashid and Wani, S.H. (2010). Micropropagation of liliium (*L longiflorum*) - a high value cut flower. National Symposium on Botanical Researches- Present Scenario, 18-19, February 2010. Department of Botany, Punjabi University, Patiala, Pp 143
- Mir, J. I., Ahmed, N., Itoo, H., Sheikh, M.A., Wani, S.H. and Rizwan Rashid (2010). Effect of endogenous phenolic compounds on regeneration of walnut (*Juglans regia*) genotypes and control of phenol exudation through antioxidant application. National Symposium on Botanical Researches- Present Scenario, 18-19, February 2010. Department of Botany, Punjabi University, Patiala, Pp 120
- Mir, J. I., Ahmed, N., Wani, S. H., Rizwan, R., Itoo, H. Sheikh, M. A. and Mir, S.H. (2010). Invitro multiplication of saffron (*Crocus sativus*) and development of stigma like structures. National Symposium on production of quality seeds and planting material - Health management in horticultural crops, 11-14 March 2010, New Delhi. P 173.
- Mir, J. I., Ahmed, N., Rizwan Rashid, Sheikh, M.A. and Lal, S. (2010). *In-vitro* propagation of cherry root stocks. National Symposium on Botanical Researches- Present Scenario, 18-19, February 2010. Department of Botany, Punjabi University, Patiala, Pp 1142
- Pragya, R., Bhat, K.V., Misra, R.L., Singh, S.K. and Ranjan, J. K (2010). Genetic relationship of gladiolus cultivars inferred from fluorescence based AFLP markers. *Scientia Horticulturae*. 123: 562-67
- Pragya, R., Ranjan, J.K., Attri, B.L., Das, B., Krishna, H. and Ahmed, N. (2010). Off-season flower production in gladiolus under protected conditions of Kumaon Hills. Abstract presented at National symposium on life style floriculture: challenges and opportunities, YSPUH&F, Solan, 19-21 March, 2010. p. 127.
- Sharma, R. R., Singh, D., Singh, R., Singh, D.B. and Saharan, V.K. (2010). Effect of modified atmosphere ic packing on the quality and shelf life of apple (*Malus domestica*). *Indian J. of Agric. Sciences*. 80(3): 34-38.
- Singh, D. B. (2010). Ber for fresh and processed products. *Indian Horticulture*. 5(1): 19-21.
- Verma, R. K., Ahmed, N., Mir, J.I. and Lal, S. (2010). Alleviation of planting material transmissible disorders in nursery production of apple. National Conference on Production of Quality Seeds and Planting Material - Health Management in Horticultural Crops. 11-14 March 2010, pp. 156-157 (Abstr).
- Verma, R. K., Ahmed, N., Sheikh, P.A., Padder, S.A. and Andrabi, M. (2010). *In-Vitro* colonization of *Beauveria bassiana* in beetles of white grub infesting apple in Kashmir conditions. National Conference on Plant Protection in Agriculture through Ecofriendly Techniques & Traditional Farming Practices, February, 18-20, 2010. Agricultural Research Station, Durgapur, Jaipur. pp.325.
- Verma, R. K., Mir, J.I. and Ahmed, N. (2010). Adoption of disease diagnostic tools for commercial production of apple planting material. National Consultative Meeting on Disease Diagnostic for Horticulture Crops 22-24 January, 2010, NRC for Banana, Tiruchirapalli. pp. 54-56.
- Verma, R.K., Ahmed, N., Mir, J.I. and Lal, S. (2010). Alleviation of planting material transmissible disorders in nursery production of apple in book of abstract of National Conference on Production of Quality Seeds

and Planting Material- Health Management In Horticultural Crops 11-14 March, 2010. NASC, New Delhi.

B. Scientific and Teaching Reviews

- Ahmed, N., Singh, S.R., Hussain, K. and Mir, K.A. (2009). Present status and Future prospects of Exotic High value Vegetables for export. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 1-7.
- Mir, J.I., Ahmed, N., Itoo, H., Shagoo, P. A. and Sheikh, M.A. (2009). Nutritional and Medicinal value of high value vegetables. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 8-23.
- Ahmed, N., Qari, S., Bhat, H.A. and Parveen, I. (2009). Evaluation and Identification of Suitable Cultivars / Hybrids of High Value Vegetables for Temperate Region. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 24-33
- Ahmed, N. and Ranjan, J. K. (2009). Production of high value exotic leafy vegetables organically. In Model Training courses on Model Training courses on Importance of exotic high value leafy vegetable for export market CITH, 6-13 Oct., 2009, CITH, Srinagar.
- Sharma, M.P., Jan, N. and Sheikh, M. A. (2009). Soil and Climate Requirement for Quality Production of High Value Exotic Leafy Vegetables. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 34-38
- Singh, S. R., Shrivastava, K.K. and Kumar, R. (2009). Fertilizer and Nutritional Management for quality production of High Value exotic Vegetable Crops. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 39-46.
- Kumar, D., Srivastava, K.K., Sheikh, M. A. and Dar, G.A. (2009). Water Management through Drip and Sprinkler Irrigation System for Quality Vegetable Production. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 47-56.
- Singh, S.R., Singh, D.B. and Ashraf, S. (2009). Production Techniques of high value exotic vegetables under protected conditions. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 57-67.
- Verma, R.K., Lal, S., Ahmed, S. and Sheikh, P.A. (2009). Integrated Disease Management of High Value Exotic Vegetables. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 74-80
- Ahmed, N., Ranjan, J. K., Bhat, A.B. and Mir, S.A. (2009). Production of High Value Exotic Vegetables Organically. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 81-87
- Singh, D.B., Sheikh, M. A. and S. Shazia (2009). Maturity Index and safe harvesting of exotic temperate vegetables. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 88-96
- Singh, D.B., Ahmed, N. and Lal, S. (2009). Post harvest Management of Exotic Leafy Vegetables for Processing and Value Addition. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 97-107
- Attri, B.L., Krishna, H. and Singh, D.B. (2009).

Post Harvest Disorders in Exotic Leafy Vegetables and their Management. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export" CITH, Market 6-13 Oct., 2009.pp. 108-111

Singh, D.B., Sheikh, M. A. and Darzi, M. S. (2009). Drying of High Value Exotic Vegetables and Safe Packaging. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export" Market CITH, 6-13 Oct., 2009.pp. 112-122

Ahmed, N., Hussain, K. and Sheikh, M. A. (2009). Quality seed production of high value vegetable crops. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 123-133.

Mir, J.I., Ahmed, N., Itoo, H. and Sheikh, M.A. (2009). Role of Biotechnology in improvement of leafy vegetable crops. Compendium Model Training Course on Importance of "Importance of Exotic High Value Temperate Vegetables for Export Market" CITH, 6-13 Oct., 2009.pp. 134-142.

Verma, R. K., Lal, S., Padder, S.A. and Sheikh, P.A. (2009). Integrated management of high value exotic vegetables. Model Training Course on "Importance of exotic high value temperate vegetables for export market" CITH, 6-13 Oct., 2009. Central Institute of Temperate Horticulture, Srinagar, pp.74-80.