

List of Publications

A. Research Publications (International/ National)

- Attri, B.L. and Singh, A. (2010). Effect of different salt concentrations on drying and non-enzymatic browning of mango slices. *Indian J. Hort.*, 67 (Special issue): 485-487.
- Chattoo, M. A., Ahmed, N., Khan, S.H., Sidique, S.H. and Hussain, K. (2010) Residual effect of organic manures and inorganic fertilizers on succeeding crop pea (*Pisum sativum* L.) cv. Bonneville. *The Asian J. Hort.*, 4(2): 299-304
- Chattoo, M. A., Ahmed, N., Khan, S. H., Narayan, S., Jabeen N. and Wani, K. P. (2009) Effect of organic manures and inorganic fertilizers on seed yield and seed quality of Okra (*Abelmoschus esculentus* L. Moench.). *Journal of eco-friendly Agric.*, 4(1):134-137.
- Dar, H.A. , Singh, S.R. Sundouri, A.S., Sharma, M.K. and Srivastava, K.K. (2010). Regeneration of sour charray (*P. Cerasus*) through in vitro propagation. *Indian J. Physio.*, 15 (2), 144- 149.
- Dar, H.A., Singh, S.R. Sundouri, A.S., Sharma, M.K. and Srivastava, K.K (2010). Micro - propagation of sour cherry root stocks by employing forced and unforced explants . *Indian J. Hort.*, 67 (Special issue): 9-14.
- Das, B., Ahmad, N., Sharma, N. N. and Singh, M. P. (2011). Bioefficacy and phytotoxicity evaluation of acaricide against European red mite, *Penonychus ulmi* (Koch) on apple. *Pestology*. 35(2): 37-42.
- Das, B., Krishna, H., Ahmed, N., Ranjan, J.K. and Pragya (2011). Foraging behaviour of different major pollinators during blooming period in high altitude apple (*Malus X domestica*) orchards. *Indian J. Agric. Sci.*, 81 (1): 89-91.
- Dolma, T. and Gupta, A.J., Ahmed, N. and Feza, M. (2010). Screening and identification of lettuce genotypes for leaf yield and its quality attributed in Kashmir valley. *Indian J. Hort.*, 67 (Special Issue): 479-484.
- Dolma, T., Gupta A.J. Ahmed, N and Mujahid, M. (2010). Variability, heritability and genetic advance in lettuce. *Indian J. Hort.*, 67 (Special issue): 193-196.
- Gupta A. J., Ahmed, N. and Bhat F. N. (2009). Enhancement of yield and its attributes of sprouting broccoli through drip irrigation and fertigation. *Veg. Sci.*, 36(2):179-183.
- Gupta, A. J., Ahmed, N. and Singh, L. (2010) Response of lettuce to drip irrigation and fertigation. *Indian J. Ferti.*, 6(5):12-16
- Gupta, A.J., Ahmed, N., Bhat, F. N. and Chattoo, M. A. (2010). Production of hybrid tomato for higher income under drip irrigation and fertigation in Kashmir valley. *Indian J. Hort.*, 67(1): 127-131.
- Hedau, N.K., Ranjan, J.K., Das, B., Pragya, Verma, R.K. and Sofi, A.A. (2010). Effect of bio-fertilization and mulch treatments on yield attributes and fruit quality of tomato under hill conditions of Uttarakhand. *Indian J. Hort.*, 67: 259-262.
- Hedau, N.K., Verma, R.K. and Sofi, A.A. (2010) . Role of biofertilizers and mulching on quality fruit production of capsicum under North-West Himalayas. *Prog. Hort.*, 42(2): 224-228.
- Khan, S. H., Ahmed, N., Jabeen, N., Chattoo, M.A. and Hussain, K. (2010) Biodiversity of Kale (*Brassica oleracea* var. *acephala* L.) in Kashmir valley. *The Asian J. Hort.*, 5(1): 208-210.
- Krishna, H. Das, B., Attri, B.L., Grover, M. and Ahmed, N. (2010). Suppression of *Botryosphaeria* canker of apple by arbuscular mycorrhizal fungi. *Crop Protection*, 29: 1049-1054.
- Krishna, H., Singh, S.K., Sairam, R.K. and Verma, S. (2010). Effect of different factors on in vitro shoot tip culture establishment in mango. *Indian J. Hort.* 67(3): 293-300.
- Kumar, D. and Nath, V. (2010). Variability in bael (*Aegle marmelos* Correa) genotypes from Orissa. *Journal of plant Genet. Resources* 23 (3): 303-305.
- Kumar, R., Ram M. and Gaur G.S. (2010). Effect of GA3 and ethrel on growth and flowering of African marigold cv. Pusa Narangi Gaiinda. *Indian J. Hort.* 67 (Special Issue): 362-366.

- Mir, J.I., Ahmed, N., Shabir H. Wani, Rizwan Rashid, Hidayatullah Mir and Muneer A. Sheikh (2010). In-vitro development of microcorms and stigma like structures in saffron (*Crocus sativus* L.). *Physiol Mol Biol Plants*, 16 (4):369-73.
- Mir, J.I., Ahmed, N., Verma, M.K., Ahmed Muneer and Lal Shiv 2010. In-vitro multiplication of cherry rootstocks. *Indian J. Hort.* 67 (Special issue)
- Narayan, S., Ahmed, N., Mufti Shahnaz, Afroza Baseerat, Roohi Seema and Hussain, K. (2009) Effect of fruit load on quality and seed yield in okra (*Abelmoschus esculentus* L. Moench.) under temperate conditions of Kashmir Valley. *The Asian J. Hort.*, 4(1): 57-58.
- Narsaiah, Jha, S.N., Devatkal, S.K., Borah, A., Singh D.. B. and Sahoo, J. (2010). Tenderizing effect of blade tenderizer and pomegranate fruit products in goat meat. *J. Food Science Technol.* 48 (1):61-68.
- Noorani, M.S., Awasthi, P., Singh, R. M., Ram Raja, Sharma, M.P., Singh, S.R., Ahmed, N., Hallan, V. and Zaidi, A.A. (2010) Complete nucleotide sequence of cherry virus A (CVA) infecting sweet cherry in India. *Archives in Virology* (Accepted).
- Pragya, Bhat, K.V., Misra, R.L. and Ranjan, J. K. (2010). Analysis of diversity and relationship among gladiolus cultivars using morphological and RAPD markers. *Indian J. of Agric., Sci.*, 80 (9) : 766-72.
- Pragya, Ranjan, J.K., Attri, B.L., Das, B., Krishna, H. and Ahmed, N. (2010). Performance of gladiolus genotypes for cut flower and corm production under high altitude of Uttarakhand. *Indian J. Hort.*, 67 (Special issue): 386-390.
- Ranjan J.K., Ahmed, N. Das, B., Pragya and Krishna Hare (2010). Effect of bio-fertilizers in combination with reduced dose of fertilizers on growth and yield of garlic at high altitude of North-West Himlayas. *Indian J. Hort.*, 67: 263-267.
- Ranjan Pragya, 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 Horticulture*, 123: 562-67.
- Ranjan, J. K., Chakrabarti, A. K., Singh, S.K. and Pragya. (2010). Micro-propagation of chilli (*Capsicum annum* L.) plants through shoot tip culture. *Vege. Sci.*, 37 (1): 30-34
- Ranjan, J. K., Singh, S. K., Chakrabarti A. K. and Pragya. (2010). In vitro shoot regeneration from cotyledonary leaf explants in chilli (*Capsicum annum* L.) and bio-hardening of plantlets. *Indian J. Hort.*, 67 (1):43-49.
- Ranjan, J. K., Singh, S.K., Chakrabarti, A. K. and Pragya. (2010). Studies on in vitro germination of chilli (*Capsicum annum* L.) seed. *Indian J. Hort.* 67 (Special issue): 453-455.
- Saha, R., Nath, V. and Kumar Dinesh (2010). Effect of farm yard manure on soil organic carbon stock, the pattern of fertility buildup and plant growth in Mallika mango (*Mangifera indica* L.). *Journal of Hort. Sci. and Biotech.*, 85 (6): 539-543.
- Shah, D.A., Narayan R., Ahmed N., Narayan S. and Wani K.P. (2010) Influence of boron and zinc on growth, yield and quality of knoll khol cv. Early White Veinna. *Indian J. Hort.*, 67: 323-328.
- Singh R, Sharma, R. R. and Singh, D.B. (2010). Effect of vermicompost on plant growth, fruit yield and quality of strawberries in irrigated arid region of northern plains. *Indian J. Hort.* 67(3): 318-321.
- Singh.S.R. Sundouri, A.S., Sharma, M. K and Srivastava, K. K. (2010). Correlations and path analysis of the yield and its components in strawberry (*Fragaria x ananasa* Duch.). *J. Plant. Genet. Resources.* 23 (2): 239- 242.
- Srivastava, K. K., Zargar, K. A. and Singh, S. R. (2010). Genetic Divergence among *Corylus colurna* genotypes based on morphological characters of hazel nut. *Biodiversity Research & Conservation.* 17: 13 - 17.
- Srivastava, K.K, Zargar, K.A., Singh, S.R. and Shagoo, P A. (2010). Influence of different physiological stages of cuttings and plant bio-regulators on rooting potential of hazelnut. *Indian J. Hort.*, 67 (Special issue), 439 -442.
- Srivastava, K.K, Zargar, K. A and Singh, S. R. (2010). Response of propagating materials and rooting hormone on rooting potential of hazelnut (*Corylus colurna*). *Indian J. Forest.*, 33 (1): 85 - 88.
- Sundouri, A.S, Singh, S.R., Banday, F.A., Sharma, M.K. and Srivastava, K.K. (2010) Genetic Diversity among

the seedling trees of pecan (*Carya illinoensis* Koch.)
J. Plant Genet. Resources. 63.

Verma, M. K., Ahmed, N., Singh, A.K. and Awasthi, O. P. (2010). Temperate tree fruits and nuts in *Indian Chron. Hort.*, 50(4): 43-48.

B. Extension folders/Bulletins/Popular Articles

Ahmed, N., Srivastava, K.K., Lal S., Kumar Dinesh, Singh S.R., and Kumar R. (2011). Global warming carved niche for quality apple production. *Indian Hort.* 56(1): 9-10.

Attri, B.L. (2010). Kendriya Sheetosan Bagvani Sansthan, Kshetriya Kendra, Mukteshwar. *Amar Ujala*, 09.03.2011 pp. 11.

Attri, B.L. (2010). Uttarakhand Mein Sheetosan Bagvani Ko Samarpit - Kendriya Sheetosan Bagvani Sansthan, Kshetriya Kendra, Mukteshwar. *Amar Ujala*, 07.10.2010 pp. 15.

Attri, B.L. and Krishna, H. (2010). Mrida Sudhar Mein Mycorrhiza Sukshamjiv Kargar. *Dainik Jagran*, 23.11.2010 pp 05.

Attri, B.L. and Krishna, H. (2010). Sankat Mein Seb Ki Sehat. *Hindustan*, 29.05.2010 pp.02.

Krishna, H. and Attri, B.L. (2010). Canker ki chapet mein seb ke bagaan. *Hindustan*, 05.12.2010 pp. 04.

Krishna, H., Attri, B.L. and Ahmed, N. (2010). Health beverages from Rhododendron -promising technologies. *ICAR News*, Oct. - Dec., 2010 pp 3-4.

Kumar, D., Ahmed, N., Verma, R.K., Singh, D.B., Dar, G.M., Dar, T.A. and Shagoo, P.A. (2011). Badam Ki Amdan Bakhsh Paidawar Scienci Tarikai Se. (Urdu). Published by Central Institute of Temperate Horticulture, Srinagar. J & K. pp.04

Kumar, D., Ahmed, N., Verma, R.K., Singh, D.B., Dar, G.M. and Dar, T.A. (2011). Khubani: Ek Intihahi Amdan Bakhsh Fasal. (Urdu). Published by Central Institute of Temperate Horticulture, Srinagar. J & K. pp.04

Lal S., Ahmed N., Singh S.R., Singh D.B., Mir J.I. and Kumar R. (2010). Kiwi fruit: Miracle berry. *Science Reporter*, July, 2010. P.52-54.

Singh D. B. (2011). Value added pomegranate products to enrich farmers. *Indian Hort.*, 56(1):15-18.

Singh, D. B. and R.T. Patil. (2011). Novel Value Added Products from wild pomegranate. *ICAR News* 17(1): 11-12.

Singh, S.R., N. Ahmed, Srivastava, K.K. and Shagoo, P. A. (2010). Vegetative propagation of walnut Extension pamphlet CITH-2.

Srivastava, K.K. Sundouri, A.S., Sharma, M. K and Singh, S.R. (2011). Opening new avenues for nectarine peach. *Indian Hort.* 56(1): 25-26.

Srivastava, K.K., Ahmed, N., Kumar Dinesh, Lal Shiv, Verma, R.K. and Bhat, S.K. (2010). Rejuvenation- A promising techniques of reviving almond orchards. *Technical bulletin*, CITH, Srinagar. pp 1-9.

C. Book chapters

Ahmed, N., Lal S, Das B. and Mir, J.I. (2011) Impact of climate change on temperate fruit crops In: Impact of Climate Change on Fruit Crops, Narendra Publishing House, Delhi. Pp.141-150.

Ahmed, N., Mir, J.I., Verma, M.K. and Krishna Hare (2011) Apple In: Advances in horticulture biotechnology- Regeneration systems- Fruit crops, plantation crops and spices-Vol. I. Ed. H.P. Singh, V.A. Parthasarthy and K. Nirmal Babu, Westville Publishing House, New Delhi. Pp 191-202

Ahmed, N., Mir, J.I., Verma, M.K. and Krishna Hare (2011) Apple In: Advances in horticulture biotechnology- Molecular markers and marker assisted selection- fruit crops, plantation crops and spices-Vol. III. Ed. H.P. Singh, V.A. Parthasarthy and K. Nirmal Babu, Westville Publishing House, New Delhi. Pp141-152

Ahmed, N., Mir, J.I., Verma, M.K. and Krishna Hare (2011) Peach In: Advances in horticulture biotechnology- Regeneration systems-Fruit crops, plantation crops and spices-Vol. I. Ed. H.P. Singh, V.A. Parthasarthy and K. Nirmal Babu, Westville Publishing House, New Delhi. Pp 213-222

Ahmed, N., Mir, J.I., Verma, M.K. and Krishna Hare (2011) Pear In: Advances in horticulture biotechnology- Regeneration systems-Fruit crops, plantation crops and spices-Vol. I. Ed. H.P. Singh, V.A. Parthasarthy and K. Nirmal Babu, Westville Publishing House, New Delhi. Pp 203-212.

Ahmed, N., Mir, J.I., Reshi, T. A., Verma, M. K. and Krishna Hare (2011) Plum In: Advances in