

## **Research Publications (2017): Directorate of Research**

### **Books:**

1. Jag Paul Sharma (2017). **Organic Crop production , Principle and Practices** ,Vol. I Principle and General Practices. Published by Kalyani Publisher. pp 547.
2. Jag Paul Sharma (2017). **Organic Crop production , Principle and Practices** ,Vol. II Published by Kalyani Publisher. pp 347.
3. Shahid Ahamad and Nasim Ahmad (2017). **Pathogenic Fungi in Plant Organisms**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi.
4. Nasim Ahmad and Shahid Ahamad (2017). **Green House Gases and IPM**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi.

### **Research Publications (2017):**

1. **Ahamad, Shahid.** (2017). Anthracnose disease of walnut (*Marssonina juglandis*) in Poonch, Jammu region . *Ann.Pl. Protec. Sci.* 25 (1) : 215-230.
2. **Ahamad, S, S.K.Singh, Jag Paul Sharma, Satish.K. Sharma and Deepak Kher.** (2017).Prevalence of ginger diseases on farmers' field in Jammu region.*Ann.Pl. Protec. Sci.* 25(1) 227-228.
3. **Ahamad, S.** (2017). Management of Rhizome rot of ginger at farmers' field in Jammu region. *Ind. Phytopath.* 70 (2):252-253.
4. Vijay Sharma, HK Sharma, Subha Ganguly, Sindhu Berian and M. A. Malik (2017) Seroprevalence studies of Brucellosis among goats using different serological tests. *Journal of Entomology and Zoological Studies*; 5(2): 1512-1516.
5. Vijay Sharma, HK Sharma, Subha Ganguly, Sindhu Berian and M. A. Malik (2017) Seroprevalence studies of Brucellosis among human using different serological tests. *Int.J.Curr.Microbiol.App.Sci.* 6(5): 1793-1800.
6. Raghubir Singh, Muthu Sankar, Navjot Singh, Utpal Kumar Chattopadhyay, Mohd Ashraf Malik and Chanchal Singh (2016) Molecular Cloning and Characterization of Microneme Gene 10 (MIC10) of Kolkata Isolate of *Toxoplasma gondii*. *Journal of Animal Research* 6(6): 957-960.
7. Irfan Ali Shah, H.K.Sharma, M.A.Shah, R. Katoch and M.A.Malik (2017) Prevalence of various Intestinal zoonotic Parasites in Dogs of Jammu region of Jammu and Kashmir. *International Journal of Livestock Research.* 7 (1): 116-120.
8. Sanjolly Gupta, Sanjay Kumar Kotwal, S Gurdeep Singh, Touqeer Ahmed, Amitoz Kour and Atul Anand "Epidemiological Study on Mastitis in Holstein Friesian Cattle on Organized farm in Jammu, India" *Theriogenology Insight*: 7(1): 5-11, April, 2017 DOI: 10.5958/2277-3371.2017.00009.
9. Mokshe Sajgotra, Smaili Mehra and Bali.R.K. (2017) Evaluation of heterosis in bivoltine double hybrid crosses of silkworm (*Bombyx mori* L) under subtropical conditions. *Int. Journal of Adv. Bio. Research.* Vol.7 (3): 616-622.

10. Mokshe Sajgotra, R.K.Bali and Vikas Gupta.(2017) Influence of brushing schedule on leaf biochemical analysis for commercial character expression of bivoltine silkworm hybrids (*Bombyx mori* L). *Jou.Pharmacognosy and Phytochemistry*. Vol.6 (5): 437-442.  
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11. Kumar, Abhay; Elad, Yigal; Tsechansky, Ludmila; Abrol, Vikas; Lew, Beni; Offenbach, Rivka; Graber, Ellen Graber. Biochar potential in intensive cultivation of *Capsicum anuum* L. (sweet pepper): Crop yield and plant protection. 2017. *Journal of the Science of Food and Agriculture*. Jun 14. doi: 10.1002/jsfa.8486.
12. Neerja Sharma, Anamika Jamwal, Reena and Sonika Jamwal. 2017. Bael – a tree with multiple uses. *Journal of Hill Agriculture* 8(2): 130 – 137
13. Praveen Singh, Sanjeev Kumar and Sushmita Dadhich (2016). Impact of climate variability on the production and productivity of maize (*Zea mays* L) in north western himalyan region, India. *Journal of Agro metrology* (Accepted) NAAS-6.37
14. Reena, Kaomud Tyagi, B.K. Sinha, P.K. Rai and S. Jamwal. 2017. Gall thrips infesting *Terminalia chebula* – one of the most important medicinal plants of Jammu and Kashmir, India. *Ecology, Environment and Conservation*. 23(1): 395 – 397.
16. Sanjeev Kumar, Suraj Parkash and Vishal Mahajan. (2017). Technological and Extension Yield Gaps in Oilseed and Cereal Crops under Rainfed Ecology in Jammu and Kashmir, India. *Indian J. Dryland Agric. Res. & Dev.* 32(1): 32-40.
17. Sanjeev Kumar, Vishal Mahajan, Pawan Kumar Sharma and Suraj Parkash (2017). Impact of Front Line Demonstrations on the Production and Productivity of Moong (*Vigna radiata* L), Mash (*Vigna mungo* L), Rajmash (*Phaseolus vulgaris* L), Lentil (*Lens culinaris* L) and Chickpea (*Cicer aeritinum* L) under rainfed ecology in mid hills of J & K, India. [Legume Research \(Accepted\)](#).
18. Shivangi Singh, Upma Dutta, A.K. Bhat, Sachin Gupta, Vikas Gupta and Sonika Jamwal. 2017. Morpho-cultural and biochemical identification of *Pseudomonas* sp. Isolated from the rhizosphere of different vegetable crops and study its efficacy on *Solanum melongena* (Brinjal). *Journal of Pharmacognosy and Phytochemistry*. 6(2): 22-28.
19. Pande Nishi, Shah M.A., Agrawal Rajesh., Kushwaha, R.B., Sharma Utsav and Soodan J.S. (2017). Erratic response to treatment in bitch with pyometra and ovarian cysts. *Indian Veterinary Journal*, 94 (02):57-59.
20. Singh, P.P., Pande, N., Bhavna., Agrawal, R., and Sharma, U. (2017). Physico-chemical evaluation of cervico-vaginal mucus, serum biochemical and progesterone levels in endometritic and normal repeat breeder cows. *Intas Polivet*, 18(1)

21. Singh, M.; Jasrotia, A.; Bakshi, P.; Wali, V.K.; Kumar, R. and Kour, K. 2017. Effect of various storage conditions and calcium treatments on physico-chemical properties of peach cv. Shan-e-Punjab. *Indian Journal of Agricultural Sciences*. 87(6): 796-800.
22. Shah, R.A.; Sharma, A.; Wali, V.K.; Bakshi, P.; Kumar, R. and Gupta, R. 2017. Response of budding methods and time intervals of peach on bud take success and budding growth on peach, plum and apricot rootstock. *Indian Journal of Agricultural Sciences*. 87(5): 669-676.
23. Sharma, Anil Kumar; Sharma, A.K.; Rai, P.K. and Bharat, Rajeev 2017. Effect of Nitrogen and organic manure on performance of hybrid napier (*Pennisetum purpureum* Schum.) and soil properties. *Journal of Soil and Water Conservation*. 16(2): 191-196, April –June 2017.
24. Reena; Tyagi, K.; Sinha, B.K; Rai, P.K. and Jamwal,S. 2017. Gall Thrips infesting *Terminalia chebula*- one of the most important medicinal plants of Jammu and Kashmir, India. *Ecology Environment & Cons*. 23(1): 395-397.
25. Bakshi, M.; Bakshi, P.; Wali, V.K.; Rai, P.K. and Jasrotia, Amit. 2017. Effect of inorganic and organic fertilizers along with *Azotobacter* on growth, yield and quality of Kinnow mandarin. *Indian Journal of Horticulture*. 74(2): 281-284.
26. Singh, A.K.; Singh, J.K; Kumar, D. And Rai P.K. 2017. Balancing of sowing time and nitrogen dose of Barley (*Hordium vulgare*) under temperate region of Jammu. *Environment and Ecology*. 35(2B): 1123-1125.
27. Dolkar, D, Bakshi, P., Gupta, M., Wali, V.K., Kumar, R, Hazarika, T.K. and Kher, D. 2017. Biochemical changes in guava fruits during different stages of ripening. *Indian Journal of Agricultural Sciences*. 87(2) 257-260.
28. Rani, S.; Sharma, A; Wali V.K.; Bakshi, P.; Bakshi, M. and Gupta, S. 2017. Effect of foliar nutrition on yield, quality and shelf-life of mango (*Mangifera indica*) cv. Dashehari under Jammu sub-tropics. *Indian Journal of Agricultural Sciences*. 85(9): 185-190.
29. Dolkar, D.; Bakshi, P.; Wali, V.K.; Sharma, V. and Shah, R.A. 2017. Fruits as Nutraceuticals. *Ecology, Environment and Conservation*. 23(Suppl): 113-118.
30. Shah, R.A.; Bakshi, P.; Wali, V.K.; Jasrotia, A. and Choudhary, P. 2017. Tri and Tetralobed walnut fruits are first reported from walnut germplasm of Jammu province. *International Journal of Scientific and Engineering Research*. 8(1): 523-525.
31. Bakshi, M, Wali, V.K., Bakshi, P., Sharma, A., Sharma, D. and Shah, R.A. 2017. Integrated nutrient management induced changes, fruit yield and quality of Kinnow mandarin. *Indian Journal of Agricultural Sciences*. 87(3): 414-418.
32. Ahmed, N., Chauhan, H., Babita, A. and Bakshi, P. 2017. Review on development of Wine and Vermouth from the blends of different fruits. *Journal of Food Processing and Technology*. 8(1) 1-7. D.O.I. 10.4172/2157-7110.1000646.
33. Dorjey, S., Gupta, V. and Razdan, V.K. 2017. Evaluation of *Pseudomonas fluorescens* isolates for the management of *Fusarium oxysporum* f.sp. *lycopersici* and *Rhizoctonia solani* causing wilt complex in tomato. *Indian Phytopathology*. 70 (1): 127-130.

34. Gupta, V., Khajuria, A., Razdan, V.K., Sharma, Kher, D. and Kumar, A. 2017. Effect of epidemiological factors on the severity of stripe rust of wheat caused by *Puccinia striiformis*. *Journal of Agrometeorology*. 19 (1): 62-66.
  35. Sinha,AK.; Shrivastava AK, Gautam AK and Ahamad, S. (2017). Status and Utilization of Tractor Power in Mahakoshal Region, MP, India. *Vegetos* , 30:
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