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Field of Specialization : Post Harvest Technology



Name of Institute from where obtained M.Sc. degree:

Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya

Name of Institute from where obtained Ph.D. degree:

Banaras Hindu University (BHU), Varanasi

Joining date in ICAR : 1/1/2015

Publications (Top 10 Publications with first or corresponding author only):

1. Meena, Mukesh; Rajesh, T; Beer, Karma; 2016 Adoption and impact of zero tillage in the rice-wheat production system of Haryana. Indian Journal of Agricultural Research, 50(6): 584-588.
2. Singh, Anil K; Beer, Karma; Pal, Akhilesh Kumar; 2015 Effect of vermicompost and bio-fertilizers on strawberry growth, flowering and yield. Annals of Plant and Soil Research, 17(2)196-199.
3. Sharma, Mm; Beer, Karma; Singh, Op; Shekhar, Chandra; 2017 Effect of nitrogen and phosphorus levels on flower yield of marigold (*Tagetes minuta*) var. vanfool. The bioscan, 12(1): 291-294.
4. Singh, Sanjay K; Kumar, Anil; Beer, Karma; Singh, Ved P; Patel, Sohan K; 2018 Effect of naphthalene acetic acid (NAA) and gibberellic acid (GA3) on growth and fruit quality of tomato (*Lycopersicon esculentum* Mill.). Int. J. Curr. Microbiol. App. Sci., 7 (3): 306-311.
5. Beer, KARMA; Singh, Anil K; 2015 Effect of vermicompost and biofertilizers on strawberry: Chlorophyll and nutrients concentration in leaves. Annals of Plant and Soil Research, 17 (2): 211-14.
6. Kumar, Anil; Prasad, VM; Singh, Devi; Bahadur, Vijay; David, Arun A; Beer, Karma; 2018 Effect of Bio-Fertilizers, Vermicompost and Trichoderma on Yield and Economics of Strawberry (*Fragaria x annanasa* Duch.) cv. Sweet Charlie. Int. J. Curr. Microbiol. App. Sci., 7(6): 1534-1538
7. Madhu, M; Dhyani, BL; Hombegowda, HC; Beer, Karma; Kumar, Nirmal; Muralidharan, P; Sikka, AK; Sharda, VN; 2018 Soil erosion control measures impact

on productivity of tea leaves and economics of tea plantation in South India. Indian Journal of Soil Conservation, 46 (3): 320-329.

8. Partha Pratim Adhikary, D Barman, M Madhu, Ch J Dash, P Jakhar, HC Hombegowda, BS Naik, DC Sahoo, Karma Beer (2019) Land use and land cover dynamics with special emphasis on shifting cultivation in Eastern Ghats Highlands of India using remote sensing data and GIS. Environmental monitoring and assessment 191 (5): 1-15.
9. Karma Beer, Santosh Kumar, Alok K Gupta, MM Syamal (2017) Effect of organic, inorganic and biofertilizer on growth, flowering, yield and quality of strawberry (Fragaria x ananassa Duch.) cv. Chandler. International journal of current microbiology and applied sciences, 6(5): 2932-2939.
10. Kumar, Anil; Gautam, Dharmendra Kumar; Beer, Karma; Gupta, Anand K; Gupta, Alok; Singh, Ashutosh K; Singh, Vivek K; 2020 Impact of biofertilizers, vermicompost and Trichoderma on growth and yield in strawberry (Fragaria— ananassa) cv. Sweet Charlie. Indian Journal of Agricultural Sciences 90 (10): 178-182.

Patent / Technologies / Varieties / Methodologies / System etc.:

Jhola Kundi Based Vegetable Farming in Tribal Region

No. of Students Guided (M.Sc.) : 0

No. of Students Guided (Ph.D.) : 0

Awards / Recognitions / Fellowship:

1. Nanaji Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agriculture and Allied Sciences 2015-16.
2. Best poster award during the conference on FFCSWR-2019, IASWC & IISWC, held at Koraput, Odisha for Jhola Kundi based vegetable farming for increasing profitability of tribal farmers in Eastern Ghats high land region on 08-02-2019.
3. Best poster award during the conference on FFCSWR-2019, IASWC & IISWC, held at Koraput, Odisha for Soil organic carbon recovery potential of shifting cultivated abandoned sites in Central Eastern Ghats, India on 08-02-2019.