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**Field of Specialization** : Crop production-High density, canopy management,  
Nutrient and water management



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

NDUAT, Kumarganj, Faizabad, U.P.

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

NDUAT, Kumarganj, Faizabad, U.P.

**Joining date in ICAR** : 7/21/1993

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

1. Kumar,D., Pandey,G., Srivastava,K.K. and Singh,V.K.2021. Response of micro-nutrients on yield, fruit quality and nutrient status of mango cv. Dashehari. Indian Journal of Horticulture, 78(4):405-409.
2. Kumar,D., Rajan,S. and Srivastava,K.K. 2021. Response of phenological manipulation through planting time for productivity of banana under subtropics. Indian Journal of Agricultural Sciences, 91(11):1592-1596.
3. Kumar,D., Kumar,R., Singh,V.K., Srivastava,K.K. and Rajan,S. 2020. Effect of nitrogen and potassium fertigation on growth, yield, quality and nutrient use efficiency of banana under subtropics. Indian Journal of Horticulture, 77(2):254-260.
4. Kumar,D. and D.B.Singh.2018. Effect of fertigation on growth, yield and quality of almond under Kashmir conditions. Indian Journal of Horticulture, 75(2):197-201.
5. Kumar,D., Srivastava, K.K. and Singh,D.B. 2018. Efficient moisture conservation techniques for productivity enhancement in almond (*Prunus dulcis*) under rainfed conditions. Indian Journal of Agricultural Sciences , 88(3):429-434.
6. Kumar, D., Lal,S. and Ahmed, N. 2016. Genetic diversity among plum genotypes in North West Himalayan Region of India. Indian Journal of Agricultural Sciences, 86 (5): 666-672.
7. Kumar,D., Ahmed,N. and Sharma,V.K.2015. Impact of integrated nitrogen management on nut yield and soil fertility in almond (*Prunus dulcis*) under north western Himalayan region of India. Indian Journal of Agricultural Sciences, 85 (11): 1484-1487.

8. Kumar, D., Lal,S. and Ahmed, N. 2015. Morphological and pomological diversity among apricot (*Prunus armeniaca*) genotypes grown in India. *Indian Journal of Agricultural Sciences*, 85 (10): 1349-1355.
9. Kumar,D., Ahmed, N., Srivastava, K.K., and Dar,T.A.2014. Effect of cross sectional area of rootstock on growth, yield, quality and leaf nutrient status in apricot (*Prunus armeniaca*) cv CITH-Apricot-2. *Indian Journal of Agricultural Sciences*, 84(2):236-240.
10. Kumar, D.,Ahmed, N., Srivastava, K.K., Singh,S.R. and Hassan,A.2013. Micro-catchment water harvesting and moisture conservation techniques for apple (*Malus domestica*) production under rainfed condition. *Indian Journal of Agricultural Sciences*, 83(12):1322-1326.

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

High density planting in almond and banana

Medium density planting in almond

Moisture conservation techniques in apple and almond

Drip/fertigation in almond, banana and mango

Nutrient management in guava, mango and almond

Varieties

Mango variety- Arka Neelachal Kesri

Apricot- CITH-Apricot-01, 02 and 03

Cherry- CITH-Cherry-01

Walnut-CITH-Walnut-01,02,03,04,05,08

**No. of Students Guided (M.Sc.) : 1**

**No. of Students Guided (Ph.D.) : 1**

**Awards / Recognitions / Fellowship:**