

Resume of Alok Kumar Gupta



1. Personal Details

Name	:	Alok Kumar Gupta
Designation & Discipline	:	Scientist (Fruit Science- Horticulture)
Correspondence address (preferably official)	:	ICAR- National Research Centre for Litchi
City	:	Muzaffarpur
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2. Qualifications

Degree	Year	Institute/ University	Subject (Specialization)
M.Sc.	2011	CSAUA&T, Kanpur, U.P.	Horticulture
B.Sc. (Ag.)	2009	NDUA&T, Kumarganj, Faizabad, U.P.	Agriculture

3. Publications(Important Research Publications)

Gupta, A.K. and Tripathi, V.K. 2012. Efficacy of *Azotobactor* and vermicompost alone and in combination on vegetative growth, flowering and yield of strawberry (*Fragaria × ananassa* Duch.). *Progressive Horticulture*, 44:256-261.

Sharma, J., Gupta, A.K., Kumar, C. and Gautam, R. K. S. 2013. Influence of Zinc, Calcium and Boron on vegetative and flowering parameter of Gladiolus cv. Aldebran. *The Bioscan*, 8(4): 1153-1158.

4. Current area of research

Currently, my theme area of research is on plant genetic resources management and crop improvement in litchi and I am associated with the following ongoing projects:

1. Collection of litchi germplasm from indigenous and exotic sources
2. Clonal selection for improvement in commercial cultivars of litchi
3. Characterization of litchi germplasm based on morphological, biochemical and molecular markers
4. Standardization of tissue culture techniques for propagation and multiplication of litchi
Evolving improved cultivars in litchi
5. Development of improved hybrids of litchi
6. Evaluation of segregating population of litchi

5. Work experience & Interests

I have done research work on effect of *Azotobactor* and vermicompost on vegetative growth, flowering and yield of strawberry (*Fragaria × ananassa* Duch.). Mutation breeding in cape gooseberry (*Physalis peruviana*) through the use of gamma rays and EMS chemical was also attempted. I have also worked at ICAR-CITH Srinagar as Co-PI of survey, collection and characterization of temperate fruits crop.



Signature of the Scientist