

Brief Bio-data



Name	:	Dinesh Kumar
Designation	:	Principal Scientist & Head
Division	:	Division of Crop Physiology & Post Harvest Technology
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Education: (Ph.D / MSc./Gradation)

S.No.	Institution/ University	Degree Awarded	Year	Discipline/ Subject
1	MDU Rohtak	B.Sc	1988	Botany, Zoology, Chemistry
2	HAU, Hisar	M.Sc	1991	Biochemistry
3	IARI, New Delhi	Ph.D	1997	Biochemistry

Position and Employment (Starting with the most recent employment)

S. No.	Institution Place	Position/ Designation	Department/ Division	From (date)	To (date)
1	ICAR-CPRI, Shimla	Head	CPB & PHT	21.06.2023	Cont...
2	ICAR-IIWBR, Karnal	Principal Scientist	Barley Improvement	13.02.2010	20.06.2023
3	ICAR-CPRI, Modipuram	Scientist & Senior Scientist	CPB & PHT	13.02.1995	12.02.2010

Major Area of Research:

➤	Cold induced sweetening in potato tuber
➤	Potato sprout control during storage

List of 3-5 best research papers (Optional)

1. **Kumar, Dinesh**; Singh, B.P and Kumar, P. (2004). An overview of the factors affecting sugar content of potatoes. *Annals of Applied Biology* **145 (3)**: 247-256.
2. **Kumar, Dinesh**; Paul, V and Ezekiel, R. (2005) Chipping quality of potatoes stored in heaps and pits in subtropical plains of India. *Horticultural Science* **32 (1)**: 23-30.
3. **Kumar, Dinesh** and Ezekiel, R. (2006) Developmental changes in sugars and dry matter content of potato tuber under sub-tropical climates. *Scientia Horticulturae* **110**: 129-134.
4. **Kumar, Dinesh**. (2009) Changes in antioxidant system of potato tuber during low temperature storage in relation to sweetening development. *Journal of Food Science & Technology*, **46 (4)**: 392-394.
5. **Kumar, Dinesh** (2011) Cold induced sweetening development in Indian potato (*Solanum tuberosum* L.) varieties. *Indian Journal of Biochemistry and Biophysics* **48**: 123-127.