



1. Name : Dr Prince Kumar

2. Designation: Scientist

3. Contact Details

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4. Academic Background:

Degree	Year	Name of University/Board
Ph D	2014	Dr YSPUHF, Nauni, Solan (HP)
M Sc	2011	Dr YSPUHF, Nauni, Solan (HP)
B Sc	2009	Dr YSPUHF, Nauni, Solan (HP)

5. Area of research: Nutrient management, Crop modelling and climate change studies

6. Current Institute projects:

- a.) Climate change impact and adaptation strategies for potato crop.
- b.) Integrated nutrient and water management for improved productivity of potato.
- c.) Resource optimization in potato based cropping system.

d.) Re-defining epidemiological parameters and management approaches for potato pathogens.

7. Externally funded projects:

a.) Development of solar operated semi active hydroponics system for potato mini tuber production.

8. Award's/honours

S.NO.	AWARD / HONOUR
	Oral award in national seminar ICAR-CIAH, Bikaner

9. Publications:

Kumar Prince, Byju G, Singh BP, Minhas JS and Dua VK. 2015. Application of QUEFTS Model for Site Specific Nutrient Management of NPK in Sweet Potato (*Ipomoea batatas* L. Lam). *Communication in soil Science and Plant Analysis*. (Accepted for publication).

Minhas JS, **Kumar Prince**, Kumar Davender, Gupta YK and Dua VK. 2016. Response of potato to elevated CO₂ under short days: growth, physiological parameters and tuber yield. (Communicated for publication).

Kumar Prince, Kumar Raj, Minhas JS, Trehan SP, Dua VK and Singh BP. 2016. Identification of nitrogen use efficient potato genotypes. In: Natural resource management; Ecological perspectives (Peshin R, Dhawan AK, Bano F and Risham KS [eds]. Proceeding of the Indian ecological society: International conference SKUAST, Jammu, India Feb18-20, 2016.

Minhas JS and **Kumar Prince**. 2015. Global climate change: A threat for potato production. *Green Farming Strategic Vision*. 6(6): 30.

Kumar Prince, Bhardwaj ML, Kumar Dharminder, Kumar Sanjeev, Thakur KS and Dogra B. 2015. Comparison of head yield, nutritional quality and nutrient uptake under INM of sprouting broccoli cv Green Head in hills. *Green Farming*. 6(5): 1015-1020.

Kumar Prince et al., 2013. Effect of integrated nutrient management practices on seed yield and economics of seed production in radish (*Raphanus sativus* L.) cv Chinese Pink. *Plant Archives*. 13(1): 243-246.

Shukla Y R, **Kumar Prince**, Kansal S, Singh Manjeet and Kumar Sanjeev. 2013. Effect of integrated nutrient management practices on seed yield and quality of radish (*Raphanus sativus* L.) cv Chinese Pink. *International Journal of Farm Sciences*. **3**(2): 10-18.

Kumar D , Kumar R , Kumar S , Bhardwaj M L, Thakur M C, Kumar R , Thakur K S, Dogra B S , Amit Vikram, Thakur A and **Kumar Prince**. 2013. Genetic variability, correlation and path-coefficient analysis in tomato. *International Journal of Vegetable Science*.**19**(4): 313-323

Kumar Prince, Shukla Y R and Kumar Ramesh. 2013. Effect of integrated nutrient management practices on seed yield and yield contributing characters in radish (*Raphanus sativus* L.) cv Chinese Pink. *Advance Research Journal of Crop Improvement*. **4**(1): 74-78.

10. Professional Affiliations:

- a. Life member of Indian Potato Association ICAR-CPRI, Shimla (HP).
- b. Life member of Society for Advancement of Human and Nature. Dr YSPUHF, Nauni, Solan (HP).
- c. Certificate of participation in National Seminar: Society for Agriculture and Arid Ecology Research: Agriculture Resource Management for Sustainability and Eco-Restoration held at SKAUST-Jammu entitled “Studies on physiological growth parameters and tuber yield of potato cv Kufri Jyoti under elevated carbon dioxide” authored by Kumar Prince, Minhas JS, Dua VK and Gupta YK. 2016.
- d. Certificate of participation in Indian Ecological Society: International Conference on Natural Resource Management : Ecological Perspectives held at ICAR-CIAH, Beechwal, Bikaner entitled “Identification of nitrogen use efficient potato genotypes” authored by Kumar Prince, Kumar Raj, Minhas JS, Trehan S P, Dua VK and Singh BP. 2016.

11. Foreign Exposure: NA