

Profile

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- flowering behaviour, fruit set and fruit quality. Biocatal. Agric. Biotechnol. 61(1):103355. DOI: 10.1016/j.bcab.2024.103355
7. **Raigond P***, Bhardwaj P, Raigond B, Parmar V, Dutt S, Singh B (2024) Unveiling the presence of insulin-like antidiabetic proteins in potato: A wholesome food. Biocatal. Agric. Biotechnol. DOI:10.1016/j.bcab.2024.10317710.0
 8. **Raigond, P***, Singh B, Dhulia A, Chopra S, Dutt S (2015) Flavouring compounds in Indian potato snacks. J. Food Sci. Tech. 52(12) : 8308–8314.
 9. Thakur N, **Raigond P***, Jayanty SS, Goel G, Dutt S, Singh B (2022) Compositional Changes in Potato Carbohydrates and Polyphenols during In vitro Gastrointestinal Digestion. Starch - Stärke, 74 (9-10): 2200036. <https://doi.org/10.1002/star.202200036>
 10. **Raigond P***, Parmar V, Thakur A, Lal MK, Changan SS, Kumar D, Dutt S, Singh B (2021) Composition of Different Carbohydrate Fractions in Potatoes: Effect of Cooking and Cooling. Starch – Stärke, 73: 2100015. DOI: 10.1002/star.202100015

10. Patent / Technologies / Varieties / Methodologies / System etc. (Five only) :

Potato Varieties

1. Kufri Neelkanth
2. Kufri Jamunia
3. Kufri Karan
4. Kufri Lohit
5. **Unique potato germplasm registered:**
 - i. MSH/17-16 (Nitrogen Use Efficient)
 - ii. NUE/15-8 (Nitrogen Use Efficient)
 - iii. MSP/15-26 (Carotenoids rich)
 - iv. MSP/15-51 (Ascorbic acid rich)
 - v. MS/8-1148 (Ascorbic acid rich)

11. Awards / Recognitions / Fellowship (Five only) :

1. **NAAS-Associate (Horticulture)**; National Academy of Agricultural Sciences- Associateship awarded in 2023
2. **R.H. Dastur Gold Medal Award** conferred by Indian Society for Plant Physiology in 2023 during National Conference of Plant Physiology -2023
3. **IPA-Chandra Prabha Singh Young Scientist Award** for the year 2022 conferred by Indian Potato Association
4. **ICAR-CPRI Best Worker Award (Scientific Category)** for the year 2021 conferred by ICAR-Central Potato Research Institute, Shimla, H.P.
5. **Young Achiever Award- 2019** conferred by Society for Advancement of Human and Nature (SADHNA), DR YS Parmar University of Horticulture and Forestry Nauni, Solan Himachal Pradesh.