

Dr. Brajesh Singh — Profile Summary

Current Position

- Director, ICAR-CPRI, Shimla.
 - Specialization: Potato physiology and post-harvest technology.
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Professional Background & Career Trajectory

- **Born:** 16 November 1970
 - **Joined ICAR-CPRI** as Scientist in 1995.
 - Promoted to **Senior Scientist** (2004–2010), then **Principal Scientist** (2010–2014), then **Head, Division of Crop Physiology, Biochemistry & Post-Harvest Technology** (2014–2023).
 - Assumed charge as **Director, ICAR-CPRI** since January 2023 (or around this period) — leading institute's research, development, and outreach.
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Key Areas of Expertise & Contributions

- Potato physiology, storage physiology, post-harvest technology & processing.
 - Developed/ refined technologies for potato storage (elevated-temperature storage, modified heap storage), storage and seed/ware potato solutions for different agro-climatic zones, processing potatoes into chips, fries, etc
 - Standardized analytical protocols (e.g. HPLC-based estimation of storage sprout suppressant, glycoalkaloids, acrylamide, flavour compounds) for potato quality and safety assessment.
 - Under his leadership, ICAR-CPRI continues to release improved potato varieties — e.g. in 2025, four new high-yielding potato varieties were notified for nationwide cultivation/processing.
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Scientific Productivity & Roles

- Over **70 peer-reviewed research papers**, and about **160 other publications** (reports, extension documents, review articles, etc.).
- Former Business-Editor of *Potato Journal* for ~9 years; Editor (or editorial roles) in Indian Potato Association, and editorial involvement in journals like *Indian Journal of Plant Physiology* and *Agriculture Science Digest*.

- Fellow / Member of professional societies: e.g. Fellowship with national/institutional societies in plant physiology, potato science / horticulture etc.
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Recent Institutional & Leadership Highlights

- Under his directorship, ICAR-CPRI celebrated its 77th Foundation Day (27 Aug 2025), where he emphasized the institute's contribution to national potato research: so far developing 76 potato varieties suited to different climates/regions, with four new varieties pending notification.
 - Actively leading collaborations and outreach: e.g. recent 2025 visit to Gujarat with senior team to assess advanced potato clones and forge industry ties for processing and quality potato supply.
 - Engaged in national and international partnerships: for example, welcoming the Director-General of International Potato Centre (CIP), Peru during 2025 for strategic collaboration on potato science, germplasm management, and sustainable agri-food systems.
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Contact / Official Address (As per Public Records)

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