

Dr. Lokesh Kumar

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PROFILE SUMMARY

I am a dedicated professional with expertise in agriculture, encompassing agriculture production, Agri extension, and agricultural research with a specialization in horticulture. My background includes valuable experience in the agriculture domain, where I have honed my skills and knowledge.

EDUCATION

Ph.D. Vegetable Science- CGPA: 7.40, Lovely Professional University, Phagwara

- **Thesis Title:** Study on the preparation and influence of enriched compost on the growth, yield and quality of palak (*Beta vulgaris* L.).

M.Sc. Horticulture- CGPA: 8.83, Career Point University, Kota

- **Thesis Title:** Influence of different levels of nitrogen and spacing on growth, yield and quality of garlic (*Allium sativum* L.) cv. G-1.

B.Sc. (Hons.) Agriculture- CGPA: 6.82, SKRAU, Bikaner

PUBLICATIONS

Research Paper

- Development of enriched compost formulations and evaluation of their effects on growth, yield, and quality of palak (*Beta vulgaris* var. *bengalensis* L.) (2024). *International Journal of Recycling of Organic Waste in Agriculture* (Q2 Scopus indexed).
- Modulating productivity of strawberries (*Fragaria x ananassa* Duch.) through artificial full-spectrum light in indoor vertical farming (2024). *Journal of Soil Science and Plant Nutrition* (NAAS: 9.90/ Q1 Scopus indexed).
- Performance of french bean (*Phaseolus vulgaris* L.) genotypes under trans-Gangetic plains region (2023). *Indian Journal of Agricultural Research* (NAAS: 5.60/ Q3 Scopus indexed).
- Effect of enriched compost on palak (*beta vulgaris* var. *bengalensis*) productivity, profitability and soil health in India's northern plains (Accepted 2025). *Plant Science Today* (NAAS: 6.70/ Q3 Scopus indexed).
- Assessment of genetic variability in eggplant (*Solanum melongena* L.) genotypes for disease resistance and yield parameters (Accepted 2025). *Plant Science Today* (NAAS: 6.70/ Q3 Scopus indexed).

- Influence of different levels of nitrogen and spacing on growth, yield and quality of garlic (*Allium sativum* L.) cv. G-1 (2020). *International Journal of Pure & Applied Bioscience* (NAAS 4.55).
- Genetic variability, heritability and genetic advance for growth, yield and quality of fenugreek (*Trigonella foenum-graecum* L.) (2020). *International Journal of Pure & Applied Bioscience* (NAAS 4.55).

Review Paper

- Unveiling mechanisms for induced systemic resistance, resistance breeding and molecular marker-assisted breeding against Phomopsis blight of *Solanum melongena* (2024). *Plant Pathology* (NAAS: 8.30/ Q1 Scopus indexed).
- Perspectives of secondary metabolites in reference to vegetable crops (2023). *International Journal of Environment and Climate Change* (NAAS: 5.16).
- A review on integrated nutrient management in radish (*Raphanus sativus* L.) (2022). *Journal of Plant Development Sciences* (NAAS: 4.35).
- Broccoli: Growth and yield effected by different biofertilizers and inorganic matter (2020). *International Journal of Pure & Applied Bioscience* (NAAS 4.55).

Book Chapter

- Smart and sustainable agricultural technology: Introducing smart and sustainable agriculture, LPU.
- Recent trends in vegetable production: Pumpkin, Kalyani Publishers, Delhi.
- Recent trends in vegetable production: Cow Pea, Kalyani Publishers, Delhi.
- Recent trends in vegetable production: Spinach Beet, Kalyani Publishers, Delhi.

Article & Copyrights

- Microgreen Farming: Farm to Fork, Agriculture and food: E-newsletter.
- Copyright published by name “Pathogenesis, prevalence and overcoming measures of Phomopsis blight in brinjal”
- Copyright published by name “Enrichment in physical and chemical properties of organic compost”

EXPERIENCE

Field officer- Sanmukha Agritech. Ltd.

- From May 2021 to Jan 2022

Business Development Officer- Nurture. Farm (UPL)

- From May 2022 to Aug 2022