CURRICULUM VITAE

Dr. R.P. Srivastava

Ph.D. (B.H.U.)

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PROFILE SUMMARY:

- Specialization in Genetics, Plant breeding & Molecular Maize breeding.
- Have a sound knowledge on Molecular Breeding concepts like Molecular Diversity& Quantitative Trait Loci (QTLs).
- Have sound knowledge in performing various basic techniques of Plant Breeding techniques like Emasculation and Pollination, Selfing, Bagging, Tagging, Data-recording, Layout of design of mating, Design of field experiments and Statistical analysis of field results.
- Have enough knowledge in performing various basic techniques of biotechnology like DNA Extraction, Gel Electrophoresis, PCR, Gel Documentation, Marker Data Scoring, Linkage map construction & QTL analysis.
- Have sound knowledge of basic pathological aspects like disease inoculation, disease scoring & data analysis.
- Teaching experience in all agriculture major subjects of under graduate & post graduate students.

CAREER OBJECTIVE:

A challenging career for the manifestation of my inner desire into concrete realities and apply my discipline and analytical skill with indomitable spirit for achieving the organization objective.

ACADEMIC RECORD:

Degree awarded	Name of University /Board	Year of passing	Subjects	Div.	Marks %
High School	U.P. Board, Allahabad, India	1994	Science	2nd	54
Intermediate (Agri.)	U.P. Board, Allahabad, India	1997	Agri. Science	1st	67
B.Sc. (Agri.)	V.B.S. Purvanchal University, Jaunpur, UP, India	2001	Agri. Science	1st	64
M.Sc. (Agri.)	V.B.S. Purvanchal University, Jaunpur, UP, India	2005	Agri. Botany	1st	71
Ph.D. B.H.U.	Institute of Agriculture Sciences - B.H.U. Varanasi, UP, India	2014	Genetics & Plant Breeding (Agri. Botany)	Awarded	6.9

MEDAL /ACCOLADES/ MERIT / FELLOWSHIP AWARDED:

- **Awarded UGC Research Fellowship** @ **Rs. 5,000**/= p.m. (fixed) with the contingency @ Rs. 10,000/= p.a. for a period of four year *w. e. f.* 04.02.2008 to 31.12.2011.

- **Awarded DST-JRF Fellowship** as **JRF** @ **Rs. 12,000**/= p.m. for a period of up to one year *w. e. f.* 14.09.2012 to 23.06.2013.

MEMBERSHIP:

- **Member** of Indian Society of Genetics & Plant Breeding

PH. D. THESIS TITLE:

" Mapping of QTLs for Northern Corn Leaf Blight in maize (*Zea mays* L)."

WORK EXPERIENCE:

RESEARCH:

Total Experience:

- More than six year research experience as **Ph. D. Scholar** during Ph. D. research on " **Mapping of QTLs for Northern Corn Leaf Blight in maize (*Zea mays* L)."** in Department of Genetics & Plant Breeding, I. Ag. Sc., B.H.U., Varanasi, India since February 2008 to October 2014 **(6yrs)**.
- Up to One year research experience as **Junior Research Fellow** in project DBT funded network entitled **"**Genetic Enhancement of Aromatic rice land races through molecular breeding to develop high yielding, Ideal plant type, blast resistance and better quality aromatic rice varieties for wider adaptability by farmers" GBPUAT Pantnagar (Uttarakhand) **(1yrs)**.

TEACHING:

Total Experience:

- Six month experience as **Head- Department of Agriculture** in Ropar IMT Group of Colleges, Ropar (Punjab). College is affiliated with Panjabi university, Patiala (Punjab). **(6months)**.
- One year experience as **Assistant Professor** in Agriculture Department in Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun

(Uttarakhand). Institute is affiliated with H.N.B. Garhwal Central University, Srinagar (Uttarakhand). **(1yrs)**.

- One year experience as **Assistant Professor** in Agriculture Department in Chandigarh Group of Colleges, Jhanjeri, Mohali (Punjab). College is affiliated with Punjab Technical University, Jalandhar (Punjab). **(1yrs)**.
- Four year experience as **Assistant Professor** in Agriculture Department in school of Agricultural studies, Quantum University. Roorkee Uttarakhand (4 yrs).
- **Currently working as HOD Agriculture in Balram PG College Prayagraj from July 2021 to till now**

Subjects taken:

UG: All Agriculture major subjects

(Genetics, Plant Breeding, Agronomy)

PG: Agronomy

LIST OF PUBLICATION:

RESEARCH PAPER PUBLICATION – 14

1. Dipti Priya, Lekha Ram, **RP Srivastava,** Arun Kumar, Rajesh Singh **(2019).** Quality protein maize: Overview. *Journal of Biotechnology & Crop Sci (2014) 3(3): 4-18*
2. **RP Srivastava,** Rajesh Singh, B Singh, SK Sahoo and Mukesh Kr Singh (**2018).** Heritability, genetic advance and correlation studies of cross pollination in CMS lines of rice influenced with floral traits. *Journal of Pharmacognosy and Phytochemistry* SP5: 08-12
3. Mukesh Kr Singh, Ravi P Singh, P Singh, Ravish Kr Singh and **RP Srivastava (2018).** Reciprocal crosses in early maturing x high yielding rice (*Oryza sativa* L.) cultivars *Journal of Pharmacognosy & Phytochemistry* SP5: 50-55.

4. **R.P.Srivastava,** Rajesh Singh, V.P.Mani, R.S. Khandelwal and Mufid Alam **(2017)**. Additional Sources of resistance for Southern Corn Leaf Blight in Indian maize germplasm. *International Journal Ekin crop breeding and genetics,* 3 (1): **41-44.**

5. Rajesh Singh and **R.P. Srivastava (2017)**. New Quantitative trait loci for Turcicum Leaf blight in maize. *Journal of Biotechnology and Crop Science* 5(7): **42-50.**

6. Ram L, Singh R, Singh SK, and **Srivastava RP (2015)**. Heterosis and combining ability studies for Quality Protein Maize. *International Journal Ekin crop breeding and genetics,* 1-2: **8-25.**

7. Rajesh Singh, SK Shaoo, B Singh, Manjeet Kumar and **R.P. Srivastava * (2015)**. Effect of growth hormones on the seed production CMS lines in rice *Green Farming,* Vol 6 (4): **800-802.**

8. Rajesh Singh, SK Shaoo, B Singh and **R.P. Srivastava (2014)**. Genetic analysis of Cyto-Sterile lines in rice (*Oryza Sativa* L.). *International Journal of science and research (IJSR)* (Vol. 3) **293-296.**

9. Rajesh Singh, V.P. Mani, R.S. Khandelwal, Lekha Ram and **R.P. Srivastava (2014)**. Screening of maize genotypes against Southern Corn Leaf Blight. *The Bioscan* 9(2): **859-862.**

10. Rajesh Singh, **R. P. Srivastava,** V.P. Mani, R.S. Khandelwal and Lekha Ram **(2014)**. Screening of maize genotypes against Northern Corn Leaf Blight. *The Bioscan* 9(4): **1689-1693.**

11. Manjeet Kumar, Rajesh Singh, **R.P. Srivastava (2014).** Screening genotypes for Rabi (winter) maize (*Zea mays* L.) for eastern Uttar Pradesh conditions. *Green farming,* Vol. 6 (2).

12. Rajesh Singh, **R.P. Srivastava** and Lekha Ram **(2012)**. Northern Corn Leaf Blight-An Important Disease of Maize: An Extension Fact Sheet. *Indian Research Journal of Extension Education, Special Issue* (Vol. II): **239-241.**

13. Rajesh Singh and **R.P. Srivastava (2012)**. Southern Corn Leaf Blight- An Important Disease of Maize: An Extension Fact Sheet *Indian Research Journal of Extension Education, Special Issue* ((Vol. I): **334-337.**

14. Rajesh Singh, Lekha Ram and **R.P. Srivastava (2012).** A Journey of Hybrids in Maize: An Overview. *Indian Research Journal of Extension Education, Special Issue* (Vol. II): **340-344.**

Communicated/ Accepted Research Paper:

1. Dan Singh Jakhar; Rajesh Singh, **Ram Prakash Srivastava**, Birinchi Kumar Sarma (2018). Mapping of genes for Turcicum Leaf Blight resistance in maize. ***Genetica,*** GENE-D-18-00153.

RESEARCH ABSTRACTS/ PAPERS PUBLISHED IN INTERNATIONAL AND NATIONAL SEMINARS / SYMPOSIA/CONFERENCES:

INTERNATIONAL ABSTRACTS: (2)

1. L.Ram, R.Singh and, **R.P. Srivastava (2013).** Estimation of Nature and Magnitude of Heterosis and Combining Ability of important traits in Maize *(Zea Maize* L.*) International Plant Breeding Congress*, Antalya, Turkey.

2. Rajesh Singh, **R.P.Srivastava,** Lekh Ram and Kartikeya Srivastava **(2013).** Mapping genes for Northern Corn Leaf Blight in maize. *International Plant Breeding Congress*, Antalya, Turkey.

NATIONAL ABSTRACTS: (1)

1. Dan Singh Jakhar*, **R.P.Srivastava** and Vimal Chaudhary **(2018).** Quantitative trait loci (QTLs) for diverse traits in maize. *National Conference, Plant Science Research Meet (PSRM), Dehradun*, Uttrankhand.

STRENGTHS:

- ❖ Quick learner
- ❖ Believes in hard work to achieve the fix goal of my life.
- ❖ I like team work and cooperation with others.

- I like to be much disciplined in all field of life.
- Positive thinking.
- Strong faith in God, Habit to learn from failures.

SOFTWARE PROFICIENCY:

- **Operating System**: Windows XP, Windows vista, Windows-7, Windows-8, Windows-8.1, MS Office-2003, 2007 & 2010, Working Knowledge of Internet.

SEMINAR DELIVERED:

- **" QTL mapping for Disease Resistance in rice"** : Course Seminar during Ph. D.
- **" QTL Mapping for Northern Corn Leaf Blight in maize"** : Pre- thesis Seminar Ph.D.

TRAINING/WORKSHOP/NATIONAL/INTERNATIONALCONFERENCE:

- Summer Training on **" Application of Plant Biotechnology"** at Department of Genetics Plant Breeding (IAS- BHU) Varanasi, Uttar Pradesh.
- Training program on **" PPV & FR Act, 2001"** at Department of Genetics Plant Breeding (GBPUAT) Pantnagar, Uttarakhand.
- National workshop on **" Importance of food processing industry"** organized by Banaras Hindu University, Varanasi & NIFTEM at Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 11th October 2014.
- Participated in one week Faculty Development programme on **" Effective Dissemination of Knowledge"** organized by Faculty of management at Chandigarh Group of Colleges, Jhanjeri, Mohali (Punjab) during December 12-17, 2016.

❖ Participated in 3rd National Conference on **SRIJAN " Sanchay" - Sustainable Agriculture growth** organized by Faculty of management at Chandigarh Group of Colleges, Jhanjeri, Mohali (Punjab), 29th March 2017.

AREA OF INTREST:

- ❖ Teaching
- ❖ Research & Development

EXTRA CURRICULAR ACTIVITIES:

- ❖ Participated in outdoor games during schooling.
- ❖ Appointed as external examiner of many reputed Institutes & Colleges during University exams.

SEMINAR/SYMPOSIUM ATTENDED (NATIONAL AND INTERNATIONA):

❖ Participated in Seminar on **" Nuclear Energy for National Development"** organized by Banaras Hindu University, Varanasi & Bhabha Atomic Research Centre, Mumbai, at Institute of Medical Sciences, Banaras Hindu University, Varanasi, 24th March 2010

PERSONAL DETAILS:

Personal Details:		**Permanent Address**
Father' s Name	Late Gyan Shanker Srivastava	**Dr. Ram Prakash Srivastava** S/o Late Gyan Shanker Srivastava (Retd. Executive Officer) 5/80 (Awadh Bihari Bhavan) Sidhari, Azamgarh Police Station- Sidhari
Mother' s Name	Late Beena Srivastava	
Marital Status	Married	
Nationality	Indian	
Language Known	Hindi and English	
Date of Birth	15th Dec. 1979	
Sex	Male	

		District- Azamgarh, Uttar Pradesh-276001 Contacts : +91-9936926299, 9794507361

REFERENCES:

Dr. Rajesh Singh **Vice Chancellor** DDU University Gorakhpur, U.P. India	**Dr. S. K. Singh** **Professor** Department of Genetics & Plant Breeding, I.A.S., B.H.U., Varanasi-221005.

Declaration: *I hereby declare that all the information furnished above is true to the best of my knowledge & belief; documentary evidences will support them as and when required.*

(Dr. R.P. Srivastava)