



Gautam Chakraborty

Senior Plant Breeder

Experienced Vegetable Breeder with 16+ years in hybrid seed development, germplasm evaluation, and crop improvement. Skilled in R&D trials, field demonstrations, quality assurance, and technical reporting. Proven collaborator with national and international institutes, proficient in plant breeding techniques, ISTA protocols, and agricultural consultancy.



cgautam71@gmail.com



(+91)7605881526/8910192



Madhyamgram, Kolkata-700129



WORK EXPERIENCE

Vegetable Breeder

Mali Agritech Pvt. Ltd., Ranaghat

Feb 2021 – Present,

Key Role & Responsibilities

- Conduct germplasm collection, evaluation, and characterization for crop improvement.
- Perform plant pathology tests and resistance screening accurately.
- Plan and execute strategic crop improvement programs effectively.
- Conduct Multi-Location Trials and detailed field evaluations.
- Perform DUS testing and prepare comprehensive technical reports.
- Collect, analyze, and interpret data for informed R&D decisions.
- Collaborate with universities and research institutes successfully.
- Conduct hybridization programs across cucurbits, tomato, and brinjal.

Assistant Manager, R&D

Bharat Nursery Pvt. Ltd., Kolkata

Oct 2003 – Jan 2021,

Key Role & Responsibilities

- Managed field trials and hybrid seed evaluation systematically.
- Collected detailed phenotypic and agronomic crop data.
- Conducted on-field demonstrations and staff training sessions.
- Performed controlled pollination for hybrid seed development.
- Assisted in overall crop improvement and breeding programs.
- Maintained precise trial records and technical documentation.
- Supported quality assurance processes for seed production.
- Coordinated R&D projects with internal and external research teams.

Research Fellow

Calcutta University

Nov 2000 – Oct 2003,

Key Role & Responsibilities

- Conducted research for Seed Research Centre establishment.
- Collected and evaluated germplasm systematically.
- Executed field experiments and multi-location crop trials.
- Recorded, analyzed, and interpreted phenotypic data thoroughly.
- Assisted in comprehensive seed quality testing procedures.
- Monitored crops for disease resistance and stress tolerance.
- Prepared detailed technical reports and research documentation.
- Coordinated lab and field teams for smooth project execution.

Plant Breeder

Mukti Agricultural Farm

Dec 1998 – Sep 2000,

Key Role & Responsibilities

- Supervised hybrid tomato, chilli, and okra production efficiently in fields.
- Ensured strict compliance with seed quality standards and protocols.
- Monitored crop growth and key trait selection carefully.
- Assisted in planning crop calendars and schedules.
- Coordinated timely harvesting and post-harvest processing.
- Maintained accurate records of seed production and yield data.
- Supported hybrid seed trial research and experimental programs.
- Guided farmers on improved agronomic practices and techniques.



SKILLS & STRENGTHS

Plant Breeding Techniques

Hybrid Development

Germplasm Collection & Evaluation

Crop Improvement & Trait Selection

Agronomy & Crop Management

R&D Trials & Field Experimentation

Seed Production & Quality Assurance

Data Collection & Technical Reporting

Plant Genetic Resource Management



EDUCATION

Master of Science in Agriculture – Seed Science & Technology,
Calcutta University, 1998

Bachelor of Science in Agriculture,
Birma Agricultural University, Ranchi,
1996



TECHNICAL SKILLS

- Plant Breeding Techniques & Hybridization Programs
- MS Excel, MS Word, PowerPoint
- Power BI (Basic)
- ISTA Protocols & Seed Quality Testing
- Export & Import Documentation
- L/C Negotiation
- Plant Genetic Resource Management
- Basic Human Resource Management



PERSONAL DETAILS

- **Date of Birth:** 16th May 1971
- **Nationality:** Indian
- **Marital Status:** Married
- **Language:** English, Bengali, Hindi