



SAIKAT MISHRA

Banarhat, Jalpaiguri, West Bengal

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9883878969

DOB 16/02/1999

in yes

Experience

My master's thesis paper subject was Assessment of Genetic Diversity and Variability using Metroglyph Analysis of Buckwheat (*Fagopyrum* spp.) Genotype in agroclimatic region of Prayagraj

Education

Sam Higginbottom University of Agriculture Technology and Sciences (Uttar Pradesh)

Master of science in agriculture (Genetics and Plant Breeding)
2021-2023 — 62%

Hemvati Nandan Bahuguna Garhwal University (Uttarakhand)

Bachelor of Science in Agriculture (hons)
2017-2021
— 69%

Jateswar high school (west bengal)

West Bengal council of higher secondary education
2017 — 68%

Banarhat High school (West Bengal)

West Bengal board of secondary education
2014 — 66%

Skills

- Technical skills - MS Word, Power Point Presentation, Technical Writing, Project Management
- Soft skills- Attentive, Teamwork, Flexible, Good Communication, Problem solving

Projects

Assessment of Genetic Diversity and Variability using Metroglyph Analysis of Buckwheat (*Fagopyrum* spp.) Genotype in agroclimatic region of Prayagraj

Buckwheat (*Fagopyrum* spp.) is an important pseudocereal crop with considerable adaptability under diverse agroclimatic conditions. Understanding the genetic diversity, variability and Metroglyph analysis of buckwheat genotypes is crucial for crop

improvement as well as conservation efforts. The present investigation was taken up to study 18 genotypes and 3 replications in total were evaluated in randomized block design for genetic diversity and variability, heritability, genetic advance by using 12 quantitative traits by Metroglyph and index score method. Analysis of variance was used to determine the significance of the differences, and it was discovered that treatment differences were 1% level significant, indicating genetic differences in the experimental material. High genotypic and phenotypic coefficient of variation were observed for Number of nodes followed by Plant height, Flower size, Number of branches, Yield per plot, Seed yield and Days to flowering enhancement through traits selection. Scattered diagram revealed that 18 genotypes were grouped in to 5 complexes and maximum number of genotypes 8 was found in complex-1. Highest total index score of 29 was recorded in only one germplasm line CGBW 20-1

Additional Information

Certification - 1. A mushroom training centre for Button , oyster , Dhingri and pink oyster Mushroom
2. Apiculture
3. Training on food processing
4. Rawe
National conference on Role of Agriculture Diversification in Indian Economy (ADIE-2019)
Organized by - Faculty of Agriculture and Life science in collaboration with Directorate of Horticulture Mission, Govt. Of Uttrakhand 29-30 th March 2019

Language

Hindi , English , Bengali
