



MANOJ SAPKOTA

- Plant Breeding • Genetics • Genomics
- Bioinformatics • Statistics

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👤 ABOUT ME

I am a Genomics Postdoc at Breeding Insight at Cornell University, Ithaca, NY. I am passionate about plant breeding, genetics and bioinformatics. I call myself a grounded and solution-oriented plant scientist with wide variety of research experiences. I possess 4 plus years of experience in bioinformatics, statistics, plant breeding, traditional gene cloning, QTL mapping, molecular cloning, and gene editing. I am adept at motivating self and others. I am also highly organized, detail oriented and capable of taking leadership role to carry out assigned projects. I call myself an excellent team player and believe that we can achieve huge success working together. I am known as being very helpful and versatile among my colleagues.

📄 BIO

- Birth Date
- 15 June 1993**
- Nationality
- Nepal**
- Location
- Athens, GA, USA**
- Language
- English, Nepali, Hindi**

🎓 EDUCATION

- 2017-23 • **University of Georgia**
PhD
Institute of Plant Breeding, Genetics and Genomics
Athens, GA, USA
- 2012-16 • **Tribhuvan University**
B.S. Agriculture
Institute of Agriculture and Animal Sciences
Chitwan, Nepal

📁 RESEARCH EXPERIENCE

- **Genomics Postdoc**
Breeding Insight, Cornell University, Ithaca, NY
July 2023- Present
Supervisor: Dr. Dongyan Zhao
- **Graduate Research Assistant**
Institute of Plant Breeding, Genetics and Genomics, UGA
August 2017- June 2023
Supervisor: Dr. Esther van der Knaap
- **Research Technician**
International Maize and Wheat Improvement Centre (CIMMYT), Nepal
November 2016- June 2017
Supervisor: Dr. Ajanahalli Ramaiah Sadananda

⚙️ SKILLS

- 📊 R programming
- 📊 Linux programming
- 📊 Python programming
- 📊 Graphic designing
- 📊 Big data and WGS
- 📊 QTL mapping
- 📊 GWAS and GBS
- 📊 Diversity analysis
- 📊 RNA/QTL seq
- 📊 Tissue culture
- 📊 CRISPR/Cas cloning
- 📊 Genotyping
- 📊 Marker designing
- 📊 Scientific writing
- 📊 Web designing
- 📊 Microsoft office

🏆 FELLOWSHIP

- The Roger and Cindy Boerma Plant Breeding Excellence Scholarship Award 2022**
- The John Ingle Innovation in Plant Breeding Award 2021**

🏅 AWARDS

- 2nd place, PhD poster competition, 2022 PBGG Retreat
- 3rd place, PhD poster competition, 2020 PBGG Retreat
- 1st place, PhD poster, 2019 PBGG Retreat
- Travel award, 3rd Annual University of Florida Plant Science Symposium

📄 PUBLICATIONS

Please visit:
manoj34sapkota.github.io/publications

👤 REFERENCES

To be provided upon request

🎮 HOBBIES

