

Review of: "Artificial Intelligence & Nature-Based Solutions in Agriculture: A BT Cotton Pest Management Case Study in India"

Vijaya Kumari Ramalingareddy¹

¹ Professor Jayashankar Telangana State Agricultural University

Potential competing interests: No potential competing interests to declare.

The article is very interesting and is a real-time need for the application of these emerging technologies like AI & ML, blockchain, etc., in agriculture to overcome several problems that are confronting farmers and realize higher productivity and income. The authors presented the results of their study excellently. There is a need for similar studies in all other states where cotton is being largely cultivated. Presently, many startup companies are coming forward for testing and validation of their emerging tools in agriculture. The agricultural researchers, administrators of research institutes, and policymakers should be proactive towards these technologies and encourage the application of the same in farmers' fields to increase their incomes. As AI tool costs more for small and marginal farmers to afford, they may be encouraged to form into a FPO and then be linked with the startup companies for testing and validation of their tools, besides supporting these small and marginal farmers in both technical and economical terms.