

Synergizing Hospitality and Agriculture: Polyfarming Strategies for Hotels and Farmers – A Study

Chef Manoj Satve

Anjuman-I-Islam's Institute of Hospitality Management, Mumbai, India

Abstract: *Poly farming is an innovative agricultural practice that combines multiple crop species in a single field to enhance sustainability and productivity. This paper attempt to explore the concept of poly farming, its principles, and the potential benefits it offers to modern agriculture. By diversifying crops and promoting intercropping, poly farming aims to improve soil health, reduce pest and disease pressures, and enhance resource use efficiency. Further the paper enhances examples and findings from various regions where poly farming has been adopted, demonstrating its potential to increase yields, promote biodiversity, and mitigate environmental degradation. Poly farming represents a promising approach to address the global challenges of food security, sustainability, and climate change in agriculture.*

Keywords: Agricultural, Poly farming, Modern Agriculture, environmental degradation, climate change

REFERENCES

- [1]. Altieri, M. A., & Nicholls, C. I. (2003). "Biodiversity and pest management in agroecosystems." CRC Press.
- [2]. Kremen, C., & Miles, A. (2012). "Ecosystem services in biologically diversified versus conventional farming systems: benefits, externalities, and trade-offs." "Ecological Society of America," 93(8), 1123-1135.
- [3]. Francis, C., & Porter, P. (2011). "Diversified cropping systems in North America: Status and trends." "Renewable Agriculture and Food Systems," 26(2), 106-111.
- [4]. Lichtenberg, E., & al., e. (2009). "Adoption of Best Management Practices to Control Nutrient Pollution in Two Watersheds." "Agricultural and Resource Economics Review,"
- [5]. Tilman, D., Cassman, K. G., Matson, P. A., Naylor, R., & Polasky, S. (2002). "Agricultural sustainability and intensive production practices." "Nature," 418(6898), 671-677