Department of Agricultural Statistics

PUBLICATIONS

2025–26

1. Patra, C., Dhakre, D. S., Bhattacharya, D., & Sarkar, K. A. (2025). Trend Analysis of Wheat Prices and the Influence of Meteorological Factors on Wheat Price in Birbhum District. Journal of Scientific Research and Reports, 31(5), 290–295.

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5. Ayyoob, K. C., Bhattacharya, D., Sarkar, K. A., & Dhakre, D. S. (2025). Regional Economic Shifts in Kerala's Agricultural Landscape. Journal of Scientific Research and Reports, 31(5), 1055–1064.https://doi.org/10.9734/jsrr/2025/v31i53101

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8. De, S. K., Pramanik, K., Saren, B. K., Banerjee, M., Dhakre, D. S., Goswami, S., Barat, S., & Jaiswal, D. (2025). Evaluation of Energy Indices of Summer Maize Production under Nano Zinc Oxide and Different Fertigation Levels in Lateritic Soil. International Journal of Research in Agronomy, 8(10), 994–1001.https://doi.org/10.33545/2618060X.2025.v8.i10n.4104

9. Ayyoob, K. C., Bhattacharya, D., Sarkar, K. A., & Dhakre, D. S. (2025). Comparison of Statistical Models and Machine Learning Algorithms in Forecasting Rubber Yield in Kerala. Journal of Rubber Research, 28, 675–681.https://doi.org/10.1007/s42464-025-00328-z

10. Sarkar, K. A., Akhisha, A. P., Dhakre, D. S., & Bhattacharya, D. (2025). Exploring Nonlinear Dynamics of Gross Cropped Area: An NNARX Model for Kerala, India. Archives of Current Research International, 26(11), 270–277.https://doi.org/10.9734/acri/2025/v25i111621

11. Ayyoob, K. C., Bhattacharya, D., Sarkar, K. A., & Dhakre, D. S. (2025). Regional Convergence of Agricultural Income in Kerala. International Journal of Agricultural and Statistical Sciences, 21(2), 329–327.https://doi.org/10.59467/IJASS.2025.21.329

12. Kumar, S., & Bhattacharya, D. (2025). Forecasting of Area Under Rice in Uttar Pradesh Using ARIMA Modelling Approach. International Journal of Agricultural and Statistical Sciences, 21(1), 213–222.https://doi.org/10.59467/ijass.2025.21.213

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15. Mahapatra, S. K., Dhakre, D. S., Bhattacharya, D., & Bohidar, C. (2026). A Neural Network-Driven Hybrid Time Series Model for Yield Forecasting of Finger Millet in Odisha. International Journal of Agricultural and Statistical Sciences, 22(1).

16. Gupta, A. K., Sarkar, K. A., & Bhattacharya, D. (2026). Weather Based Modeling and Pre-Harvest Forecasting of Crop Using Statistical and Hybrid Models. MAUSAM, 77(2), 591–600.https://doi.org/10.54302/mausam.v77i2.6900

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1. Rudrapal, T., Saha, A., & Dhakre, D. S. (2024). Constraints Perceived by Women Dairy Entrepreneurs in Sepahijala District of Tripura. Journal of Community Mobilization and Sustainable Development, 19(2), 367–376.

2. Kumar, R. R., Sarkar, K. A., Dhakre, D. S., & Bhattacharya, D. (2024). An Improved Spatiotemporal Time Series Modelling Procedure with Application to Forecasting of Solar Radiation. Journal of the Indian Society of Agricultural Statistics, 78(2), 125–133.

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4. Aktar, S. N., Pramanik, K., Dhakre, D. S., Gupta, R. K., & Patre, S. S. (2024). Energetic Assessment of Summer Maize Cultivation under Nano Zinc Oxide and Drip Irrigation. International Journal of Research in Agronomy, 7(9), 599–606.

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4. Sahoo, B., Saha, A., Dhakre, D. S., & Sahoo, S. L. (2023). Perceived Constraints of Organic Turmeric Farmers in Kandhamal District of Odisha. Indian Journal of Extension Education, 59(1), 108–111.

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