

- Kaleri A., Khanzada B., Rajput W., Bijarani A., Shafqat A., Arain A., Mirbahar S., Jokhio N., Majeedano A., and Majeedano S., 2026, Combined effects of nitrogen, phosphorus, and potassium on maize growth, development, and yield, *Jammu Kashmir Journal of Agriculture*, 5(3): 297-305.
<https://doi.org/10.56810/jkagri.005.03.0297>
- Kang Y., Ozdogan M., Zhu X., Ye Z., Hain C., and Anderson M., 2020, Comparative assessment of environmental variables and machine learning algorithms for maize yield prediction in the US Midwest, *Environmental Research Letters*, 15(6): 064005.
<https://doi.org/10.1088/1748-9326/ab7df9>
- Khaki S., and Wang L., 2019, Crop yield prediction using deep neural networks, *Frontiers in Plant Science*, 10: 621.
<https://doi.org/10.3389/fpls.2019.00621>
- Kim K., and Lee B., 2023, Effects of climate change and drought tolerance on maize growth, *Plants*, 12(20): 3548.
<https://doi.org/10.3390/plants12203548>
- Kuradusenge M., Hitimana E., Hanyurwimfura D., Rukundo P., Mtonga K., Mukasine A., Uwitonze C., Ngabonziza J., and Uwamahoro A., 2023, Crop yield prediction using machine learning models: Case of Irish potato and maize, *Agriculture*, 13(1): 225.
<https://doi.org/10.3390/agriculture13010225>
- Leng G., and Hall J., 2020, Predicting spatial and temporal variability in crop yields: An inter-comparison of machine learning, regression and process-based models, *Environmental Research Letters*, 15(4): 044027.
<https://doi.org/10.1088/1748-9326/ab7b24>
- Li C., Camac J., Robinson A., and Kompas T., 2025, Predicting changes in agricultural yields under climate change scenarios and their implications for global food security, *Scientific Reports*, 15: 87047.
<https://doi.org/10.1038/s41598-025-87047-y>
- Li E., Zhao J., Pullens J., and Yang X., 2021, The compound effects of drought and high temperature stresses will be the main constraints on maize yield in Northeast China, *Science of the Total Environment*, 812: 152461.
<https://doi.org/10.1016/j.scitotenv.2021.152461>
- Li L., Zhang Y., Wang B., Feng P., He Q., Shi Y., Liu K., Harrison M., Liu D., Yao N., Li Y., He J., Feng H., Siddique K., and Yu Q., 2023, Integrating machine learning and environmental variables to constrain uncertainty in crop yield change projections under climate change, *European Journal of Agronomy*, 151: 126917.
<https://doi.org/10.1016/j.eja.2023.126917>
- Li Y., Guan K., Yu A., Peng B., Zhao L., Li B., and Peng J., 2019, Toward building a transparent statistical model for improving crop yield prediction: Modeling rainfed corn in the U.S., *Field Crops Research*, 234: 55-65.
<https://doi.org/10.1016/j.fcr.2019.02.005>
- Li Z., Ding L., and Xu D., 2022, Exploring the potential role of environmental and multi-source satellite data in crop yield prediction across Northeast China, *Science of the Total Environment*, 806: 152880.
<https://doi.org/10.1016/j.scitotenv.2021.152880>
- Luthra N., Srivastava A., Shahi U., Singh V., Dey P., and Singh A., 2024, Prediction of post-harvest soil nutrient status through multiple linear regression for targeted yield of hybrid maize, *Indian Journal of Agronomy*, 68(4): 547-553.
<https://doi.org/10.59797/ija.v68i4.5471>
- Maseko S., Van Der Laan M., Tesfamariam E., Delpont M., and Otterman H., 2024, Evaluating machine learning models and identifying key factors influencing spatial maize yield predictions in data intensive farm management, *European Journal of Agronomy*, 160: 127193.
<https://doi.org/10.1016/j.eja.2024.127193>
- Matiu M., Ankerst D., and Menzel A., 2017, Interactions between temperature and drought in global and regional crop yield variability during 1961-2014, *PLoS One*, 12(5): e0178339.
<https://doi.org/10.1371/journal.pone.0178339>
- Medina H., and Tian D., 2023, Synergistic contributions of climate and management intensifications to maize yield trends from 1961 to 2017, *Environmental Research Letters*, 18(3): 034021.
<https://doi.org/10.1088/1748-9326/abcb27f>
- Meng L., Liu H., Ustin S., and Zhang X., 2021, Predicting maize yield at the plot scale of different fertilizer systems by multi-source data and machine learning methods, *Remote Sensing*, 13(18): 3760.
<https://doi.org/10.3390/rs13183760>
- Morales A., and Villalobos F., 2023, Using machine learning for crop yield prediction in the past or the future, *Frontiers in Plant Science*, 14: 1128388.
<https://doi.org/10.3389/fpls.2023.1128388>
- Nyékí A., Kerepesi C., Daróczy B., Benczúr A., Milics G., Nagy J., Harsányi E., Kovács A., and Neményi M., 2021, Application of spatio-temporal data in site-specific maize yield prediction with machine learning methods, *Precision Agriculture*, 22: 1397-1415.
<https://doi.org/10.1007/s11119-021-09833-8>
- Ocwa A., Harsányi E., Széles A., Holb I., Szabó S., Rátonyi T., and Mohammed S., 2023, A bibliographic review of climate change and fertilization as the main drivers of maize yield: Implications for food security, *Agriculture and Food Security*, 12(1): 19.
<https://doi.org/10.1186/s40066-023-00419-3>
- Oikonomidis A., Catal C., and Kassahun A., 2022, Hybrid deep learning-based models for crop yield prediction, *Applied Artificial Intelligence*, 36(1): 2031823.
<https://doi.org/10.1080/08839514.2022.2031823>