

- Solanki Y.P.S., Singh V., Rai N.K., and Gangadhar N., 2024, Development of yield forecast model in bread wheat using regression analysis, *International Journal of Plant and Soil Science*, 36(7): 875-881.
<https://doi.org/10.9734/ijpss/2024/v36i74799>
- Tian Z., Yin Y., Li B., Zhong K., Liu X., Jiang D., Cao W., and Dai T., 2024, Optimizing planting density and nitrogen application to mitigate yield loss and improve grain quality of late-sown wheat under rice-wheat rotation, *Journal of Integrative Agriculture*, 23(8): 2788-2803.
<https://doi.org/10.1016/j.jia.2024.01.032>
- Tilley M.S., Heiniger R.W., and Crozier C.R., 2019, Tiller initiation and its effects on yield and yield components in winter wheat, *Agronomy Journal*, 111(3): 1323-1332.
<https://doi.org/10.2134/agronj2018.07.0469>
- Tita D., Mahdi K., Devkota K.P., and Devkota M., 2025, Climate change and agronomic management: Addressing wheat yield gaps and sustainability challenges in the Mediterranean and MENA regions, *Agricultural Systems*, 219: 104242.
<https://doi.org/10.1016/j.agry.2024.104242>
- Tomaz A., Palma J.F., Ramos T.B., Costa M.M., Rosa E., Santos M., Boteta L., Dóres J., and Patanita M., 2021, Yield, technological quality and water footprints of wheat under Mediterranean climate conditions: A field experiment to evaluate the effects of irrigation and nitrogen fertilization strategies, *Agricultural Water Management*, 255: 107214.
<https://doi.org/10.1016/j.agwat.2021.107214>
- Vicentin L., Canales J., and Calderini D.F., 2024, The trade-off between grain weight and grain number in wheat is explained by the overlapping of the key phases determining these major yield components, *Frontiers in Plant Science*, 15: 1380429.
<https://doi.org/10.3389/fpls.2024.1380429>
- Wang D., Liu S., Guo M., Cheng Y., Shi L., Li J., Yu Y., Wu S., Dong Q., Ge J., and Gong X., 2025, Optimizing nitrogen fertilization and irrigation practices for enhanced winter wheat productivity in the North China Plain: A meta-analysis, *Plants*, 14(11): 1686.
<https://doi.org/10.3390/plants14111686>
- Wang Y., Peng Y., Lin J., Wang L., Jia Z., and Zhang R., 2023, Optimal nitrogen management to achieve high wheat grain yield, grain protein content, and water productivity: A meta-analysis, *Agricultural Water Management*, 290: 108587.
<https://doi.org/10.1016/j.agwat.2023.108587>
- Xie Q., and Sparkes D.L., 2021, Dissecting the trade-off of grain number and size in wheat, *Planta*, 254(3): 57.
<https://doi.org/10.1007/s00425-021-03658-5>
- Xie Q., Mayes S., and Sparkes D.L., 2016, Optimizing tiller production and survival for grain yield improvement in a bread wheat × spelt mapping population, *Annals of Botany*, 117(1): 51-66.
<https://doi.org/10.1093/aob/mcv147>
- Xu J., Cai H., Wang X., Ma C., Lu Y., Ding Y., Wang X., Chen H., Wang Y., and Saddique Q., 2020, Exploring optimal irrigation and nitrogen fertilization in a winter wheat-summer maize rotation system for improving crop yield and reducing water and nitrogen leaching, *Agricultural Water Management*, 228: 105904.
<https://doi.org/10.1016/j.agwat.2019.105904>
- Yang D., Cai T., Luo Y., and Wang Z., 2019, Optimizing plant density and nitrogen application to manipulate tiller growth and increase grain yield and nitrogen-use efficiency in winter wheat, *Peer J*, 7: e6484.
<https://doi.org/10.7717/peerj.6484>
- Yokamo S., Irfan M., Huan W., Wang B., Wang Y., Ishfaq M., Lu D., Chen X., Cai Q., and Wang H., 2023, Global evaluation of key factors influencing nitrogen fertilization efficiency in wheat: A recent meta-analysis (2000-2022), *Frontiers in Plant Science*, 14: 1272098.
<https://doi.org/10.3389/fpls.2023.1272098>
- Zhang H., Zhao Q., Zhong W., Wang L., Li X., Fan Z., Zhang Y., Li J., Gao X., Shi J., and Chen F., 2021, Effects of nitrogen fertilizer on photosynthetic characteristics, biomass, and yield of wheat under different shading conditions, *Agronomy*, 11(10): 1989.
<https://doi.org/10.3390/agronomy11101989>
- Zhou X., Yang L., Wang G., Zhao Y., and Wu H., 2021, Effect of deficit irrigation scheduling and planting pattern on leaf water status and radiation use efficiency of winter wheat, *Journal of Agronomy and Crop Science*, 207(3): 578-593.
<https://doi.org/10.1111/jac.12466>

Disclaimer/Publisher's Note

The statements, opinions, and data contained in all publications are solely those of the individual authors and contributors and do not represent the views of the publishing house and/or its editors. The publisher and/or its editors disclaim all responsibility for any harm or damage to persons or property that may result from the application of ideas, methods, instructions, or products discussed in the content. Publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.
