

## Corrigendum

# Corrigendum to “Research on Energy-Saving Experimental of Critical Dehumidification of Combined Drying by Dehumidification Wheel and Heat Pump”

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In the article titled “Research on Energy-Saving Experimental of Critical Dehumidification of Combined Drying by Dehumidification Wheel and Heat Pump” [1], Figures 5 and 6 were incorrect due to a change in the simulation conditions. The authors confirm that this change does not impact the results and conclusion of the article, and the updated figures are as follows.

In addition, there is an error in Section 3.1 of Results and Discussion where the following sentence should be corrected from:

“The reason for that decrease in the temperature should be that, although the inlet air temperature has been increased, the unit cooling capacity has been increased by a greater extent; consequently, the overall outlet air temperature is decreased.” to “The reason for that decrease in the temperature should be that, although the inlet air temperature has been increased, the unit cooling capacity has been increased by a greater extent. The decrease in the relative humidity of the inlet air causes the evaporation temperature to drop.”

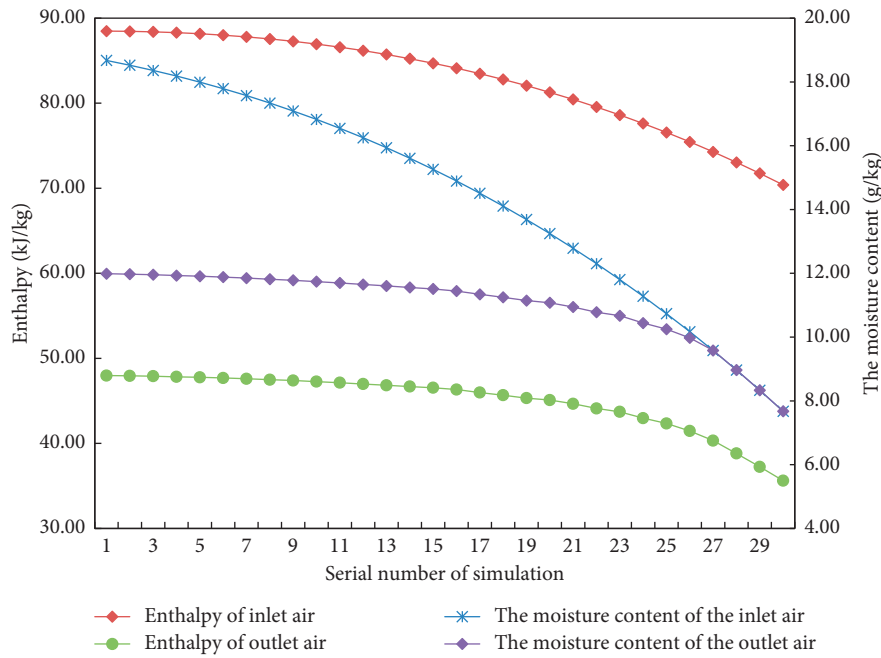


FIGURE 5: Enthalpy and moisture content of the inlet and outlet air of the evaporator.

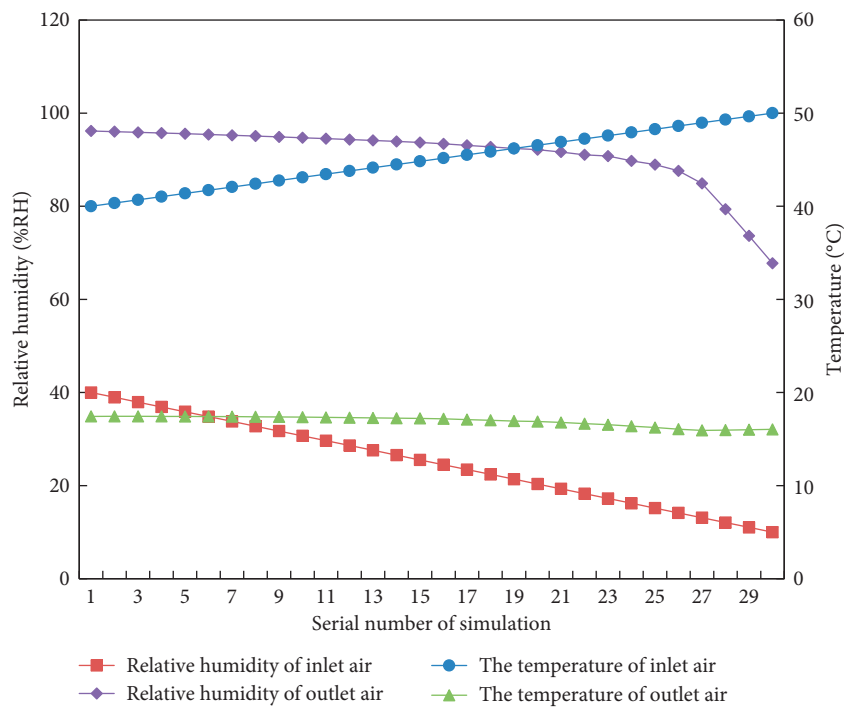


FIGURE 6: Temperature and relative humidity of the inlet and outlet air of the evaporator.

Finally, the Acknowledgments section should be corrected as follows.

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S202006-03); Independent Innovation Fund of Agricultural Science and Technology in Jiangsu Province (CX (19) 3117); Agricultural Science and Technology Innovation Program of the Chinese Academy of Agricultural Sciences-Drying and Processing Equipment Team of Special Agricultural Products (2021); and National Key Research and Development Program of China (2020YFD1000300).

## References

- [1] J. Wang, W. Song, C. Jin, T. Ding, M. Wang, and J. Wu, "Research on energy-saving experimental of critical dehumidification of combined drying by dehumidification wheel and heat pump," *Journal of Food Quality*, vol. 2021, Article ID 6635517, 11 pages, 2021.