

CHAPTER 09

Read the tomato result carefully

One striking number makes a useful exercise in scope.

Baek et al. (2021) reported harvested yield means of 4.64 and 5.63 kg per plant for the control and MeJA groups in a Kumato tomato greenhouse experiment. The calculated relative difference is approximately +21.34%. The authors report statistical significance at $p < 0.05$. The extracted sample statement is 24 plants per group.

These values describe that experiment. The extraction does not include yield SD or SE, and the paper does not provide a validated prediction for a different cultivar, season or home garden. The source location is Results 3.1 and Figure 1. Use the DOI link in the source sheets to inspect the original methods.

Practice writing a sentence with three parts: the observation, its setting and its limit. Keep the positive result visible, but do not turn it into a personal forecast. You can learn from an encouraging observation without pretending you know what it would do in your own container.

TRY IT

Write a two-sentence explanation of the +21.34% value for a friend who has not read the study.

Worked example

In one Kumato greenhouse study, the treatment group had a higher harvested-yield mean. That comparison does not predict what a different home planting will produce.

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