

## **Growth models in experiments with treatments: an approach with mixed models**

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**Abstract:** The objective was to verify the effect of different treatments on tomato production using an approach with mixed nonlinear models adjusted by logistic model. The approach with mixed models allows to verify more clearly and objectively how the effects of treatments affect the productive behavior of vegetables of multiple harvests.

**Keywords:** Logistic model; Nonlinear regression, Tomato, covariable

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