

+PROD

Essay on production in
tomato crop
(*Lycopersicum esculentum*)



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The Product

+PROD is a liquid **bioestimulant** soluble in water.

It contains **natural organic compounds**, microelements and **metabolic fuels** that favors the generation and transport of photoassimilates necessary for production.

The Product

+PROD has been developed by the **R+D+i** department of **ARTAL Agronutrientes** together with various Universities and Research Centers in order to:

- **Increase production.**
- **Improve the quality of the crops.**



FS Trials





Objetives

Determining the effect on production of **+PROD**
in the cultivation of tomato plants
(*Lycopersicum esculentum*)



Material and methods

Germination on cultivation chamber (Short photoperiod)



60% HR



24° C



15° C

The plants were transplanted in the greenhouses 3 weeks after germination.

Dose and application time.

Via irrigation

+PROD: 1st treatment : 0.5 ml/plant one after transplantation.

Subsequently, monthly treatment through irrigation at a rate of 0.5 ml/plant for 4 months. (Dosis total equivalente en invernadero vía riego 25 L/Ha)



Material and methods





Results and discussion Plants in greenhouses

Growing physiology

Applying **+PROD** favors plant physiology in the vegetative phase with more pigments and greater leaf area to synthesize more photoassimilates that will be needed in the production phase.



Results and discussion Plants in greenhouses

Biomass (gr)

Test	No. Fruits	Average weight	Total weight
+PROD	9 ± 1	100 ± 7	917 ± 20
	10 ± 1	99 ± 5	1005 ± 35

➤ We obtained **10% more fruit** in plants treated with **+PROD** and **10% more of total production**.

➤ Subjectives observations indicate **greater uniformity of size** in the treated plants.

+PROD

ESSAY ON PRODUCTION IN TOMATO CROP



Conclusions

Applying **+PROD** in tomato we get
More production

+ 9,59%