EDIMAR and N6438 TOMATO

FITOVALOR®

Z MIŁOŚCI DO NATURY

IMPLEMENTATION REPORT

18th of October 2023

The implementation main result

The harvest was late.

The customer expected 70-80t/ha

and obtained the expected 100t/ha

in beautiful tomatoes.

Customer details

- Farm name: TOMATO PLANTATION
- Total farm area: no data
- Crop: ground tomatoes
- Crop name type: N6438 and Edimar
- Planting date: 24.05.2023
- Implementation area: 6 ha

Treatment dates

Treatment date	Treatment control	Product	The dose of our fertilizer in w L/ha	Doses of other fertilizers in kg/L/ha
04.07.2023	No	O55 i O80	1L O-55 and 1L O-80/250 L water	n/a

Other fertilizers and care used:

- Nitrabor Yara 200 kg/ha (end of June)
- YaraMila Complex Hydrocomplex 600 kg/ha
- Urea150 kg/ha
- Calcium carbonate 500 kg/ha
- Drip water "all day and night" (Customer's quote)

FITOVALOR

Implementation area

As part of the check, we will compare field tomatoes of the same type from another plantation

Harvest results at stage 1

- The analysis below is based on the visit on the 25.09.2023.
- Visually, the fields are impressive: they abound in tomato fruit - which is typical for varieties generating approx. 100t/ha.
- The bush in the sample is a very good looking and measures approximately 120 cm in both dimensions. The long arms are 80 cm long.
- The number of tomatoes on a branch is surprising; the standard number of 4-6-8 pieces is exceeded in this case. There are 6-8 or more fruits on the branches.

  We captured branches that have 10-12 fruits.

FITOVALOR

Reference photographs 1

FITOVALOR®

Reference photographs 2

FITOVALOR®

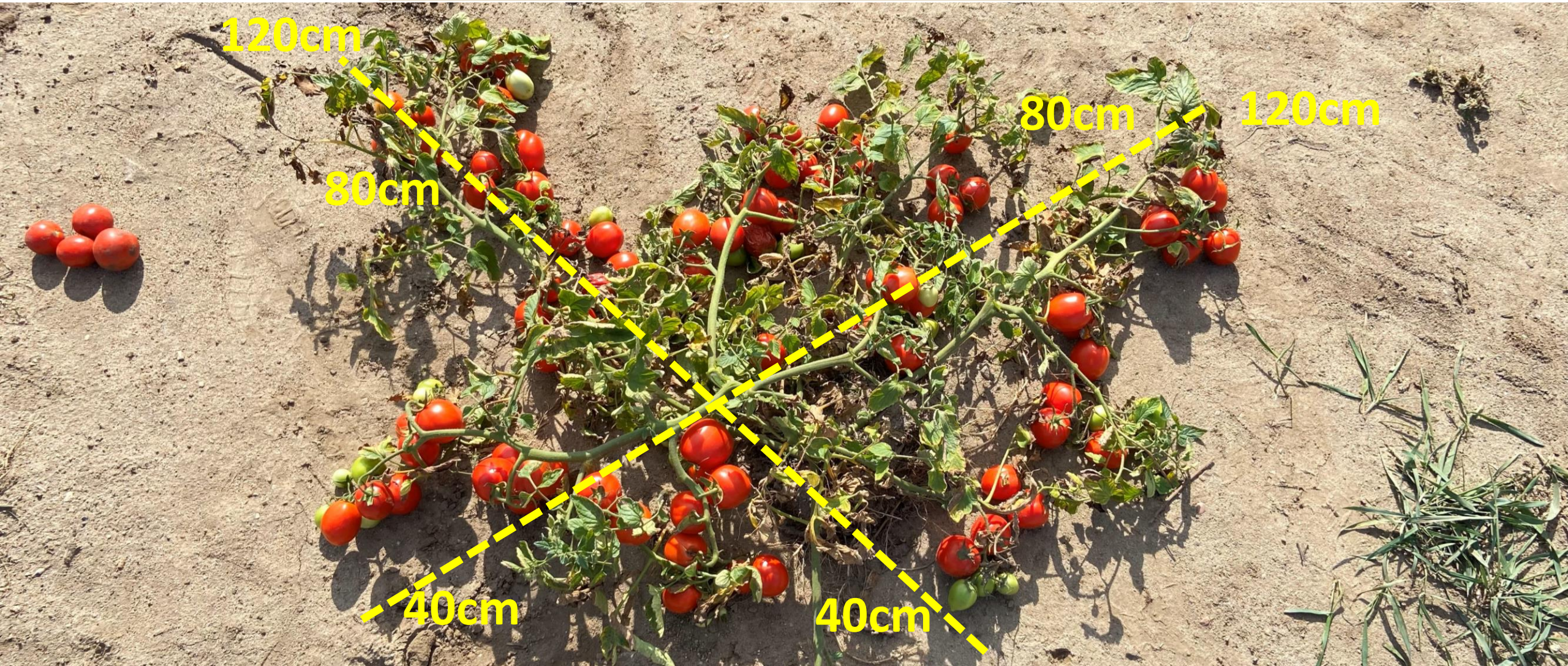
Reference photographs 3

FITOVALOR®

Reference photographs 4

FITOVALOR

The bush volume 1



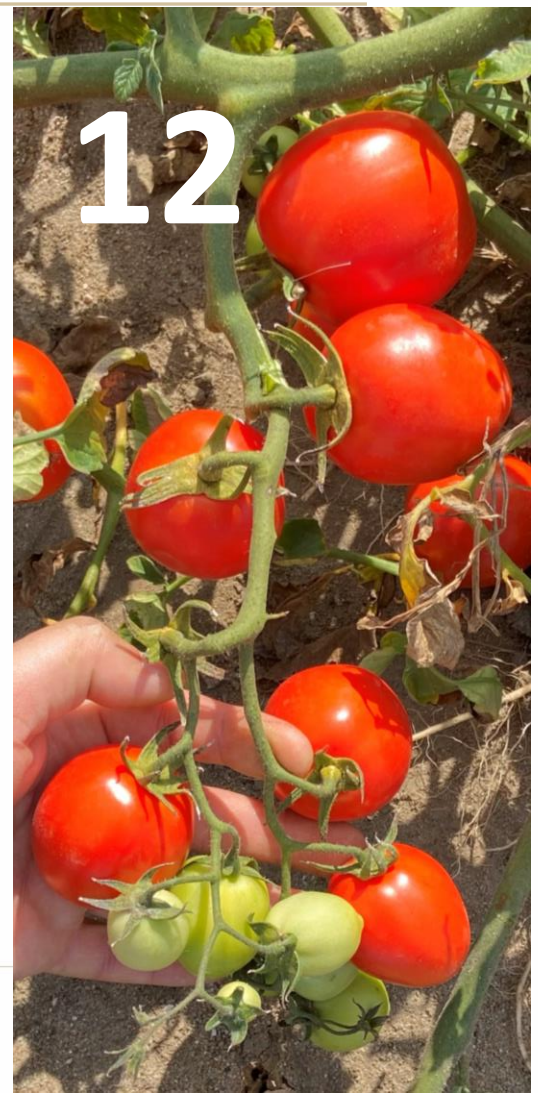
FITOVALOR

The bush volume 2

Tomatoes on a check branch

FITOVALOR®

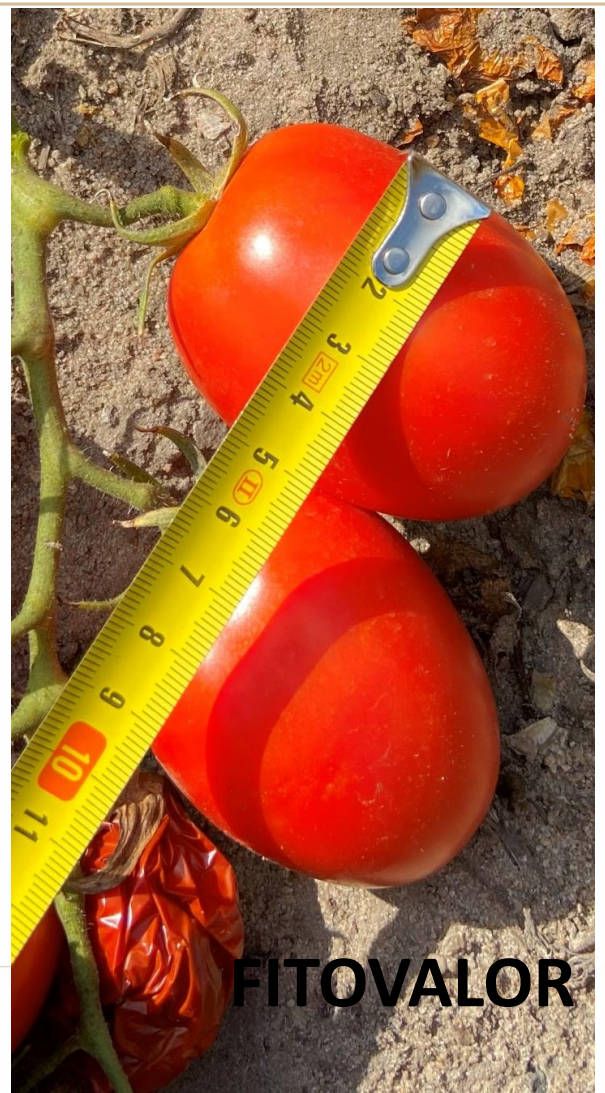
Tomatoes on a FITOVALOR branch



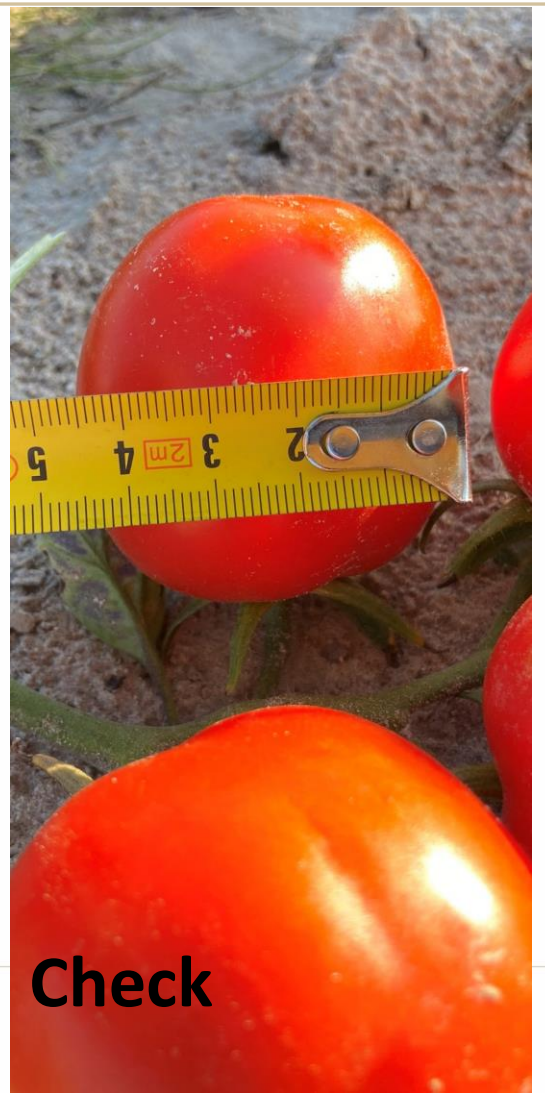
Harvest results at stage 2

- The tomatoes themselves seem to be similar in general, but with an advantage for our plantation. Our largest tomatoes have a diameter (side) of 4.5-5 cm, the check has the largest tomatoes of 4-4.5 cm.
- Harvest on the bush: FITOVALOR – 80 ripe tomatoes, 33 unripe tomatoes, 4 spoiled tomatoes. The potential of the bush is 127 pieces.
- It is worth noting that the soil class is low: class 5 or even 6.
- The shelf life of tomatoes after being picked from the bush is high. Below are photos taken on October the 9th (2 weeks after the harvest) and October the 18th (over 3 weeks). The check holds up well in this case as well.

The tomato diameter



FITOVALOR



Check

FITOVALOR®

Harvest

Tomatoes shelf life – after 2 weeks

Tomatoes shelf life – after 3 weeks

Conclusions

- The customer applied FITOVALOR only once - 2L per ha, so phenomenal results could not be expected.
- The plantation did not differ in appearance from the standard. The client had also applied other fertilizers, so in his mind he had taken care of fertilization and protection. He therefore expected a standard result of 100t/ha and did not give any positive opinions in our direction.
- 25.09.2023 The customer claimed that the tomatoes should have already been harvested, but he had no information, on when the harvester would be substituted for harvesting. He was a bit stressed about it and was definitely expecting a harvest result of 80 or even 70t/ha.
- **His surprise was huge when, at harvest, it turned out that the tomatoes had retained their freshness and firmness. The percentage of spoiled fruit was so low that the harvest remained at the expected 100t/ha.**
- The customer is determined to fertilize not only tomatoes, but also cucumbers, beetroot and corn with FITOVALOR products in 2024.

Post-harvest results

- Harvest date: the 6-13 of October, 2023
- Efficiency expected with late harvest: 80t/ha
- Actual efficiency of the field fertilized after harvest: 100 t/ha
- Difference: 20t / 200q/ha
- Unexpected revenue at price 0,55 PLN/kg (link to info):
  20.000kg more from ha x 0,50 PLN/kg = 11.000 PLN
- Unexpected total revenue from fertilized crops:

  6ha x 11.000 PLN = **66.000 PLN**


FITOVALOR®
Z MIŁOŚCI DO NATURY