



FITOVÁLOR<sup>®</sup>

Z MIŁOŚCI DO NATURY

# POTATO PLANTATION

## IMPLEMENTATION REPORT

17th of October 2023



## **The implementation main result**

---

The highest harvest  
of Arizona potatoes  
in the Customers' history  
– nearly 60t/ha



## Customer details

---

- Farm name: POTATO PLANTATION
- Total farm area: 1.200 ha
- Crop: potatoes grown on the area 600 ha
- Crop name type: Arizona
- Planting date: 26.03.2023
- Implementation area: 6 ha



# Treatment dates

Treatment date	Treatment Check	Product	The dose of our fertilizer in L/ha	Doses of other fertilizers in kg/L/ha
beginning of May – stem growth phase	no	O80	1L na 250L water	+ 4kg magnesium sulfate heptahydrate
end of May – the phase of closing the plants in rows	no	O80	1-2L na 250L water	+ 7kg magnesium sulfate heptahydrate
3/07 – phase tuber formation	no	O80	2L na 300L water	+ 5kg magnesium sulfate heptahydrate

The client completed three treatments in accordance with the dosage instructions and did not experience any difficulties.



# Growth stage results

---

- Our plantation was compared with competitive fertilizer and with traditional fertilization used by the client (check).
- In June-July, in the customer's opinion, our plantation showed no differences compared to the check. The customer claimed that everything was "normal" and did not raise any objections to the effectiveness of the fertilizer. This is confirmed by our recording with the client from the 25.07.2023.
- On the photos we can see that our plantation and control is uniformly green. At the same time, we see more bright spots in the check field. The plantation fertilized with a competing fertilizer (far left) is completely bright.
- In August-September, the client observed the worse quality of the bushes on our plantation - less green, less branchy. The size and number of tubers were not checked



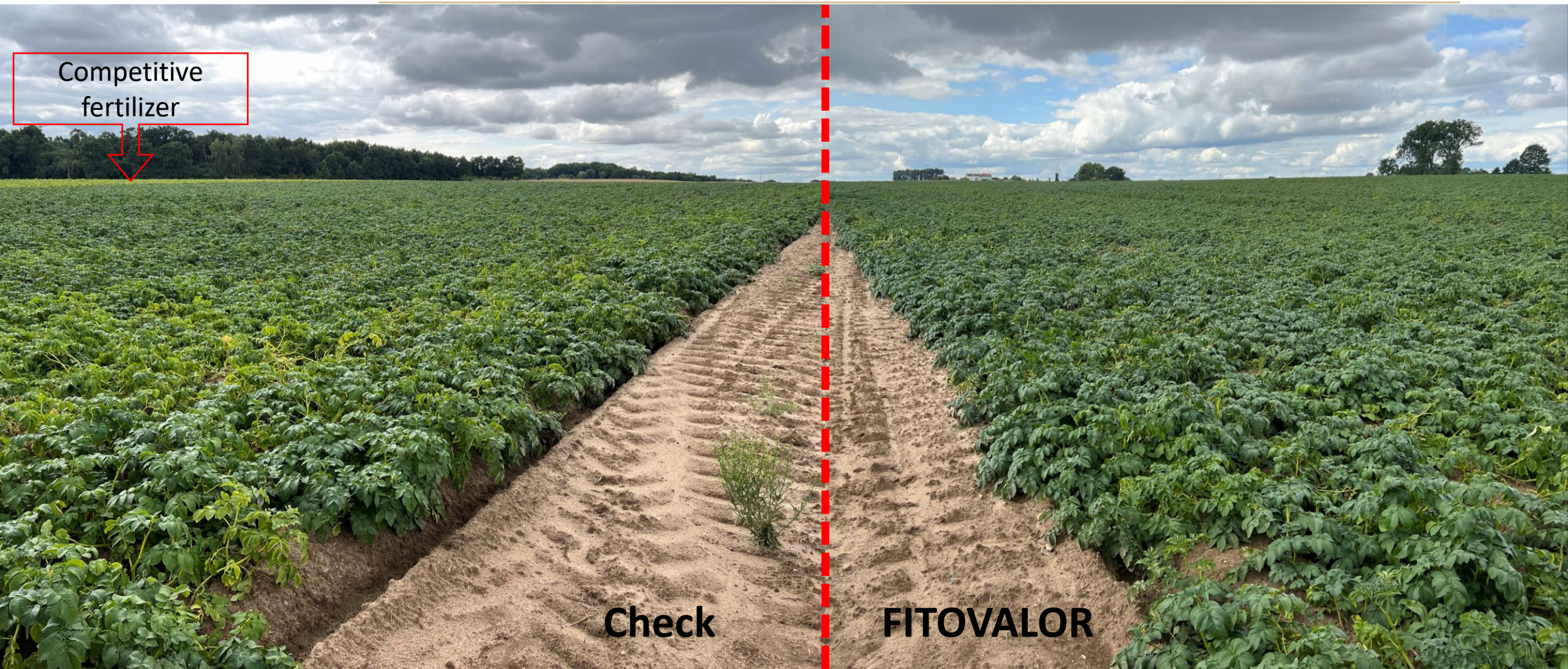
# Growth stage results

Competitive  
fertilizer



Check

FITOVALOR



# Growth stage results



# Harvest results stage 1

---

- The below analysis was prepared based on the visit of the 12.10.2023.
- First of all, the client was very surprised by the size of the harvest in two aspects: the size of potatoes and the harvest volume per hectare.
- The average size of the potatoes met the customer's expectations.
- There were several potatoes in the harvest with dimensions and weights that the customer claimed he had not seen in 30 years of his work. The largest ones found pride of place at the main reception desk, in the offices and on the Chairman's desk
- The presented specimen measures 16.5x10 cm and weighs 1.74 kg! 😊



# The potato size



# The representative specimen



## Harvest results stage 2

---

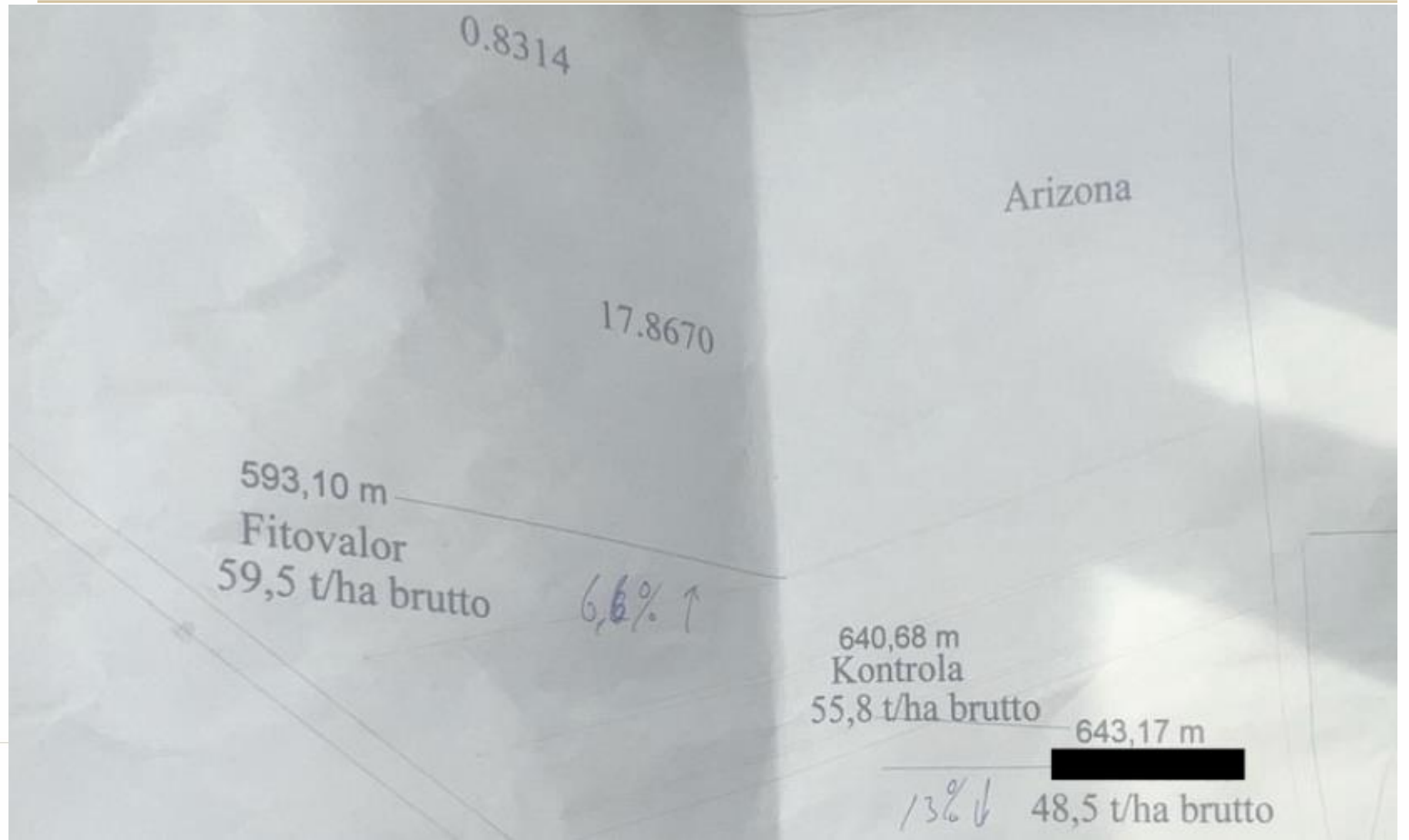
- The client is a supplier to a retail chain, so the quality of the harvested potatoes satisfied the client very much.
- Thanks to the FITOVALOR fertilizer, the harvests were 6.6% higher than the check, and 22.6% higher than the harvests from plantations fertilized with the competing fertilizer. This result is extremely surprising considering the observations of plantations at the growth stage - especially in the second half of the third quarter.
- Our plantation gave a very high harvest of 59.5t/ha gross, the check 55.8t/ha (3.7t/ha less), and the plantation with the competitive fertilizer 48.5t/ha.
- Potato consumers said they tasted very good 😊



# Potato appearance



# Post-harvest report



# Conclusions

---

- Our client tested the FITOVALOR fertilizer very thoroughly. As a supplier of the sales network, every year it carries out tests of various products for agriculture.
- Our fertilizer did not produce any visible effects on the bushes in the growth phase other than traditional fertilization, and in the second growth phase the visual results were even worse.
- The harvest shows surprising results of almost 60t/ha of Arizona potatoes, which is a very high result for the client compared to previous years.
- The tubers themselves also surprised the customer because, as he claims, "he had never dug such a large potatoes before."
- Using the example of this potato plantation, we can see that the FITOVALOR fertilizer does not show its results during growth, but at the same time gives a higher harvest result.
- The client tried it on a small acreage and wants to continue on half his acreage.



# Results after harvest

- Harvest date: 11-12 October 2023
- Performance in the check field: 55,8t/ha
- Efficiency in a fertilized field: 59,5t/ha
- Difference: 3,7t / 37q/ha
- Financial benefit in revenue at price: 132,24 PLN/q ([price info link](#)):  
 $37q \times 132,24 \text{ PLN/q} = 4.892,88 \text{ PLN/ha}$
- Total benefit in revenues from crop in a fertilized field:  
 $6ha \times 4.892,88 \text{ PLN} = \mathbf{29.357,28 \text{ PLN}}$
- *Potential total benefit in revenues from crop on the acreage 300 ha:*  
 $300ha \times 4.892,88 \text{ PLN} = \mathbf{1.467.864 \text{ PLN}}$





FITOVALOR<sup>®</sup>

Z MIŁOŚCI DO NATURY

