



FITOVÁLOR[®]

Z MIŁOŚCI DO NATURY

WINTER RAPE PLANTATION

IMPLEMENTATION REPORT

15th of October 2023



The implementation main result

Winter rape
after the first spraying of
FITOVALOR O80
noticed a jump in growth



Customer details

- Farm name: WINTER RAPE PLANTATION
- Total farm area: 300 ha
- Crop: winter rape
- Crop name type: n/a
- Planting date: 28.08.2023
- Implementation area: 10 ha



Treatment dates

Treatment date	Treatment Check	Product	The dose of our fertilizer in L/ha	Doses of other fertilizers in kg/L/ha
29.09.2023	Remote	O80	1,5L O-80/250 L water	+ 12 kg urea + 5 kg magnesium sulphate heptahydrate

The client contacted us the day before spraying to check the procedure for preparing the spray liquid. The client prepared the spray liquid based on warm water - about 10 litres of warm water mixed with 1.5L of concentrate, set aside for 30 minutes with hand stirring every so often. Then, with the agitator on, the solution poured into a spray tank half-filled with water, urea and magnesium were added and the rest of the water was topped up.



Growth stage result 1

- The following analysis is based on a visit on the 13.10.2023.
- We compare the field fertilised with FITOVALOR with the check, which belongs to the same farmer. All conditions are identical except for fertilisation.
- The overview photographs show a more dense, fleshy and larger oilseed rape after FITOVALOR fertiliser, than we see in the photographs showing the check. In our field we can only see the plants, while in the check field the soil shines through.
- According to the customer, the oilseed rape after FITOVALOR fertilisation is about 2 weeks bigger and stronger. In other words; the check will reach this result in about 2 weeks.
- The oilseed rape from the check field does not need to be shortened, whereas our oilseed rape does - the customer shortened the oilseed rape in week 42 (16-20.10.2023).



Overview photographs 1



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Check

Overview photographs 2



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Check

Overview photographs 3

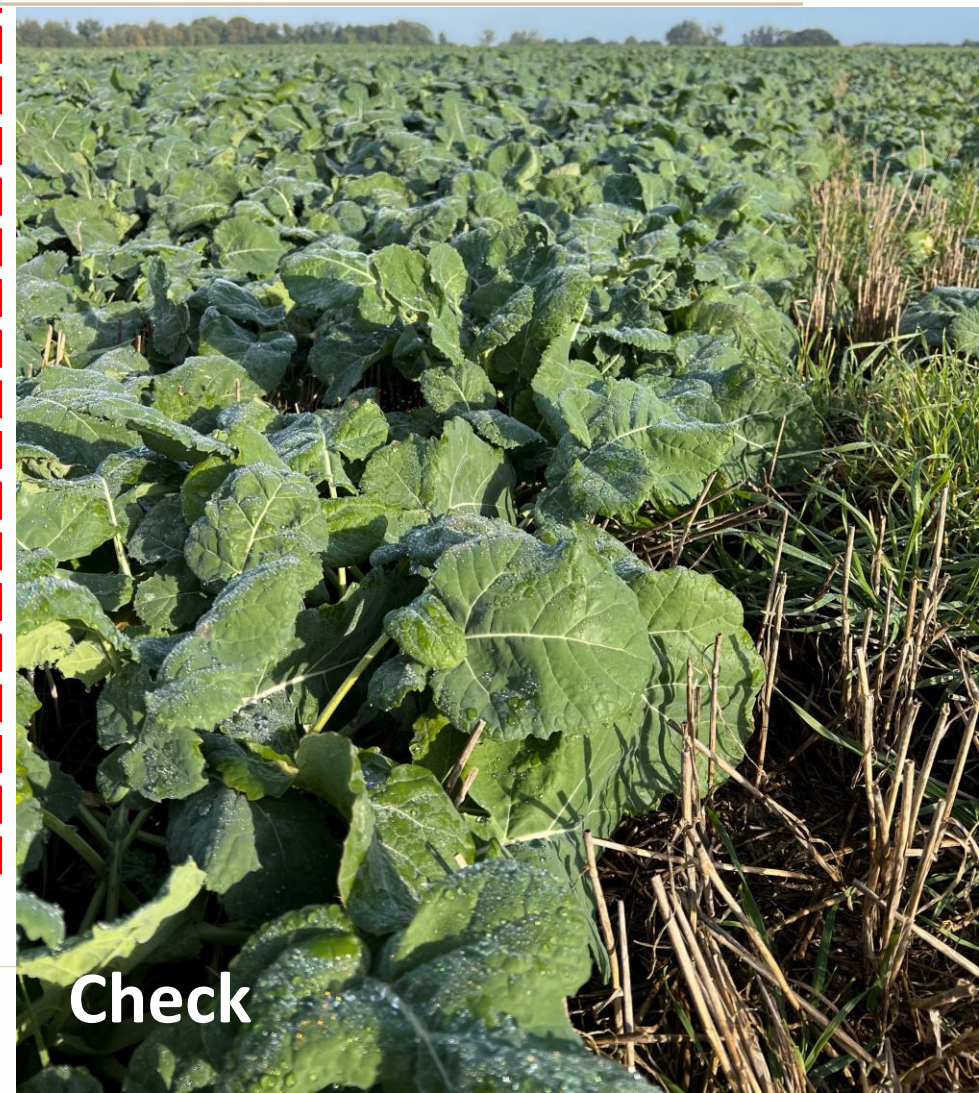


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Check

Overview photographs 4

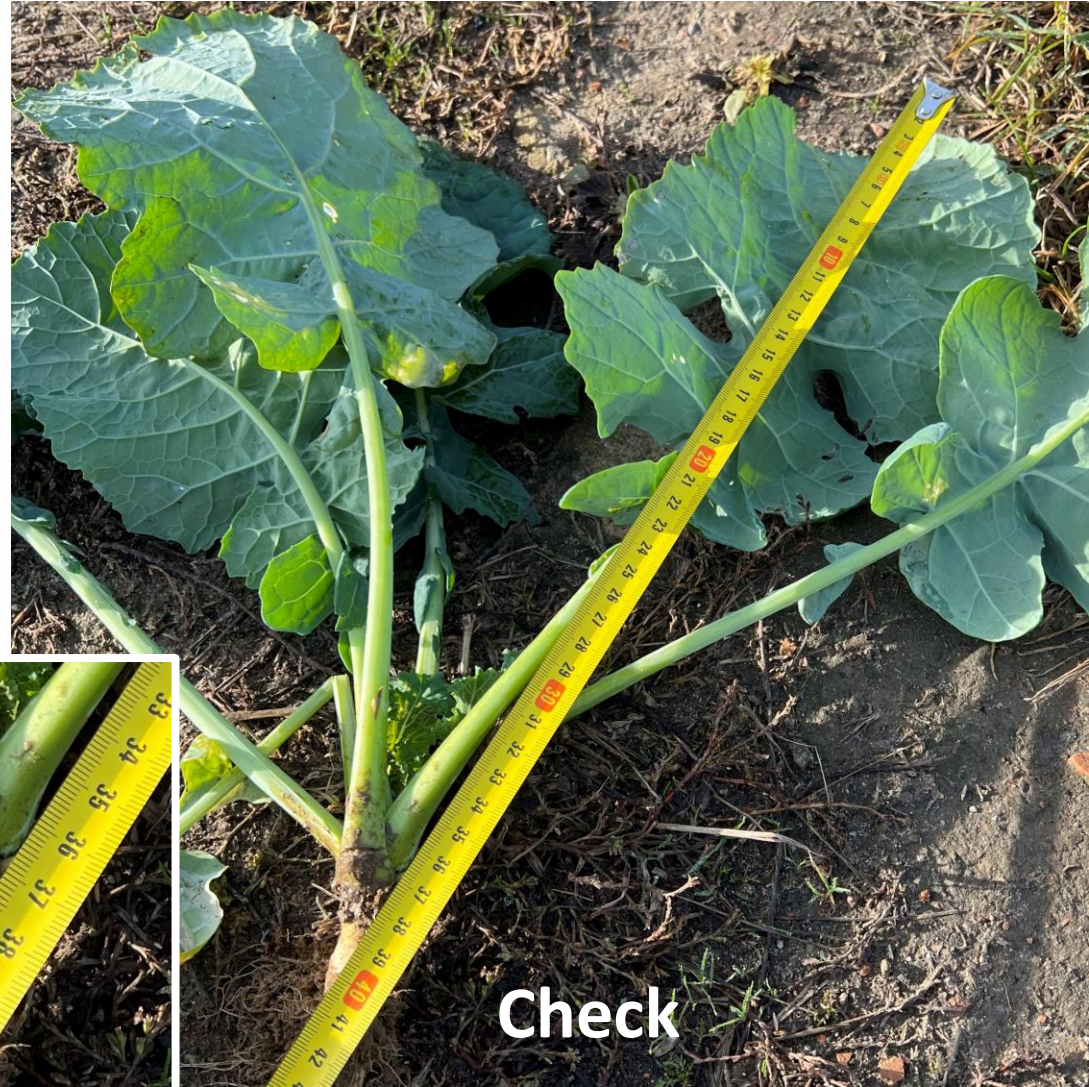


Growth stage results 2

- The stem height after FITOVALOR fertiliser is approximately 50-55 cm. The check has an average of about 20 cm less - the average plant height is 30-35 cm. Our crop needs to be shortened, the check does not.
- The root of our oilseed rape reaches 20 cm and is about 5 cm longer than the check (the photos reflect this inaccurately, as the root of the check is not removed in its entirety). In addition, the root from our crop is more developed - it has more branches and is thicker.
- The whole plant with the root from the FITOVALOR cultivation is about 25 cm longer than the check. The plant fertilised with O80 is definitely more developed.
- The leaves from our cultivation are 2-4 cm larger. They are also thicker, meatier to the touch.



The plant height



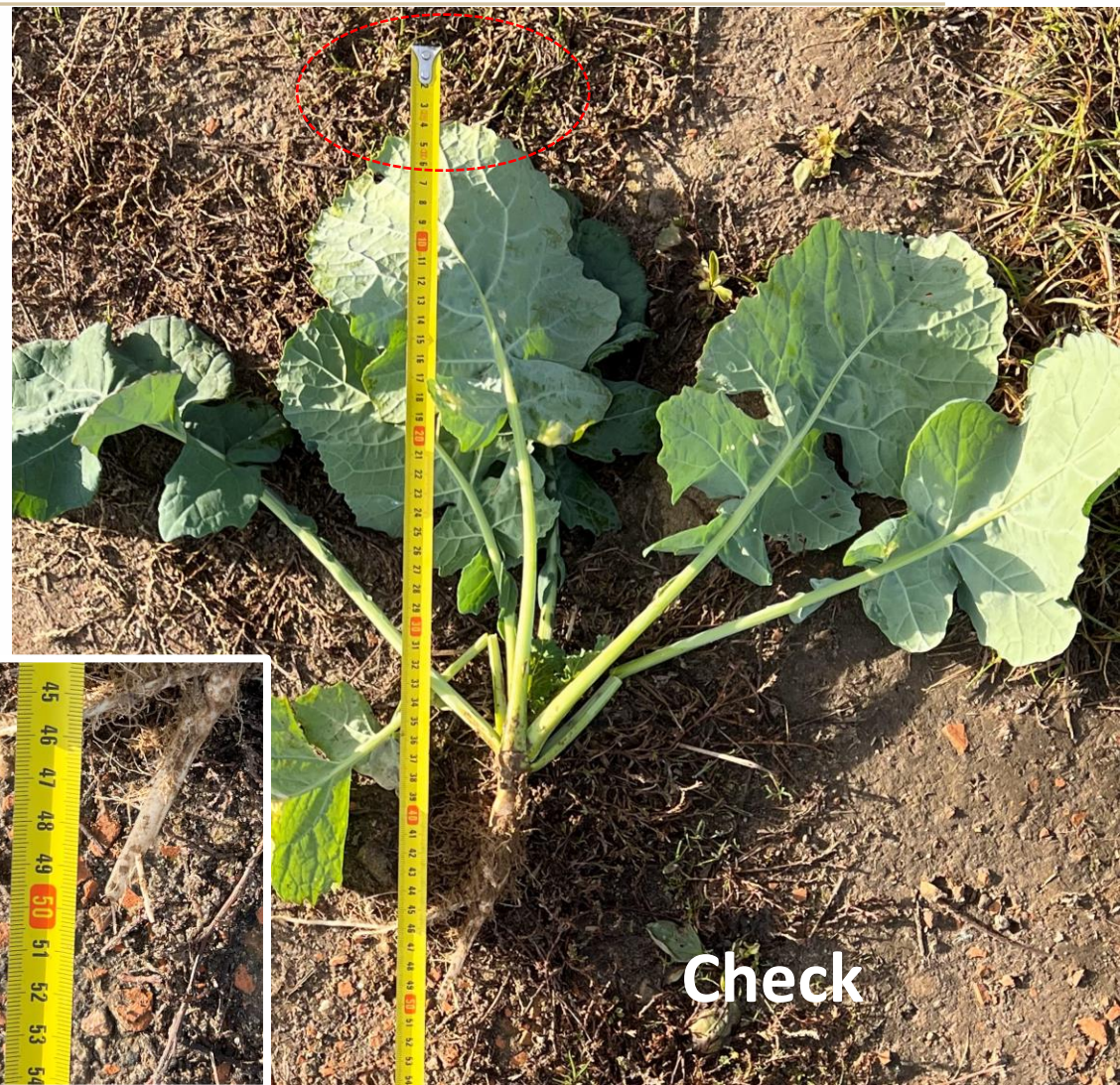
The root length



Total length



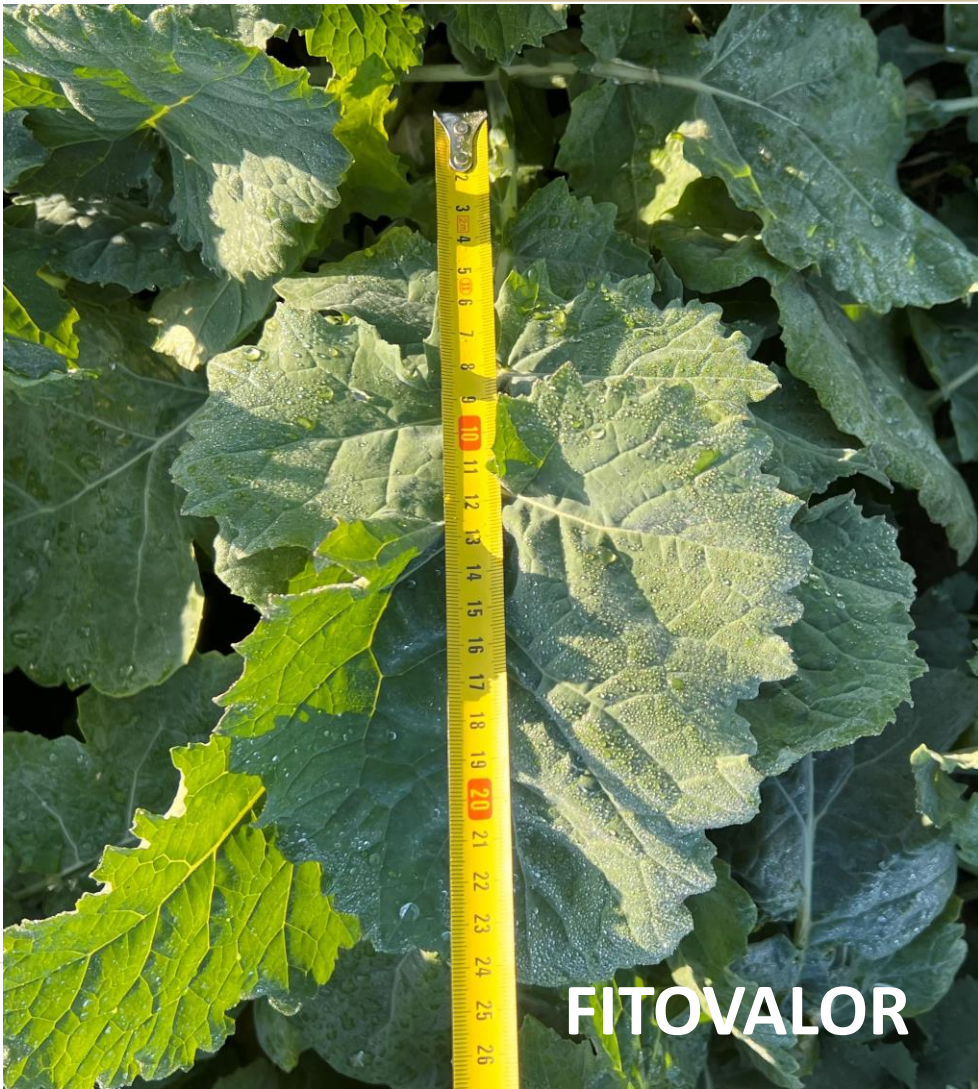
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Check



The leaf length



Conclusions

At the stage of the first spraying, we can clearly state that the FITOVALOR O80 fertilizer caused a definite jump in plant growth, which was about 2 weeks ahead of the plants in the check field. The results are visible to the "naked eye" and are a very good predictor of plant development in the spring.





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