yevulinfo

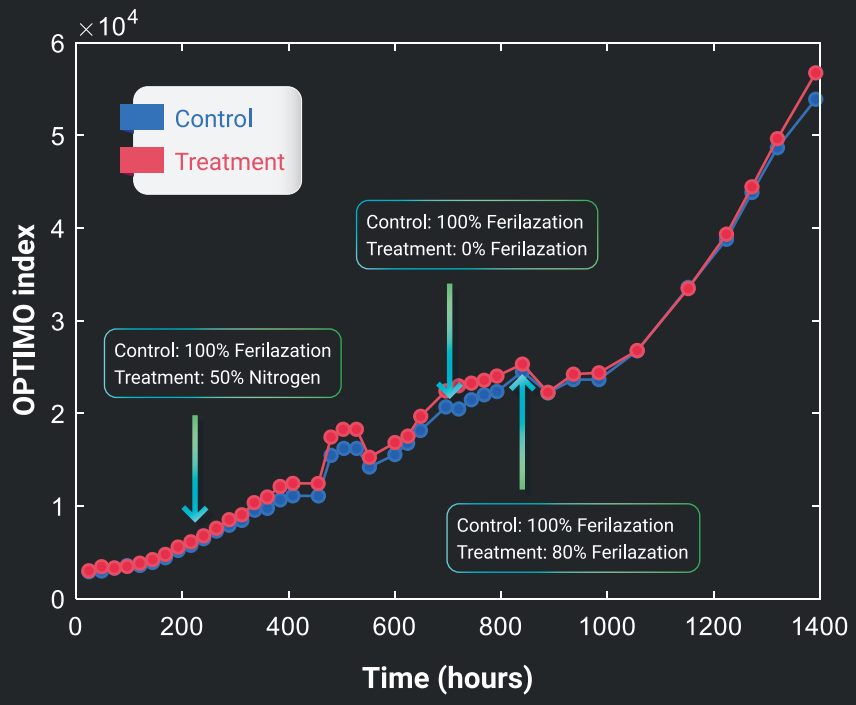
FERTILIZATION PROFICIENCY

BASIL YIELD (SIZE) MONITORING BY OPTIMO™

We tested 10 plants per treatment, for 60 days

Extreme reduction of fertilizers was detected quickly and enabled us to respond

The result: the crop was rehabilitated, and for the same yield, we saved 34% of fertilizers.



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FERTILIZATION PROFICIENCY

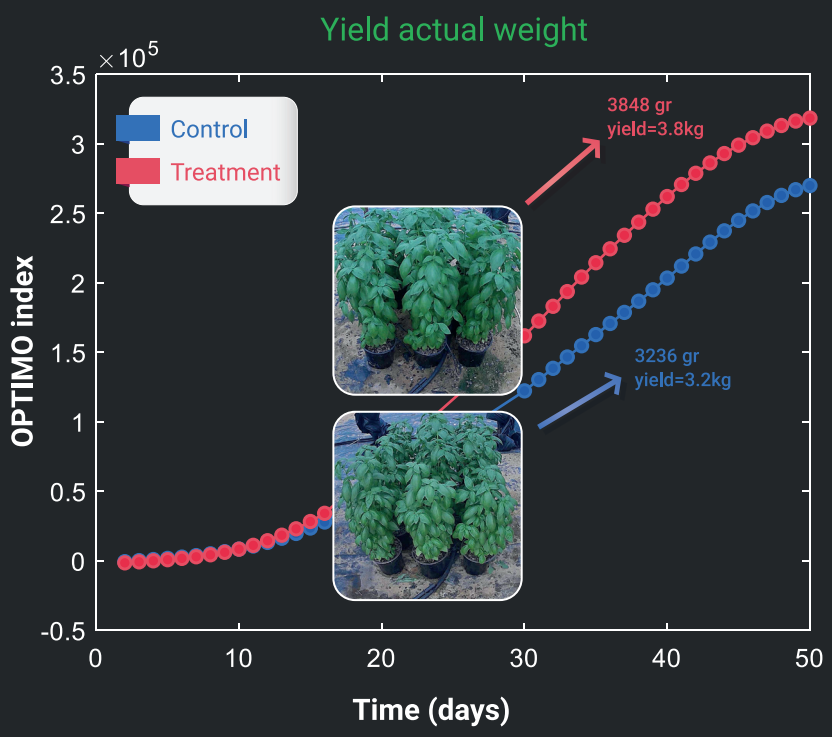
BASIL YIELD (WEIGHT) MONITORING BY OPTIMO™

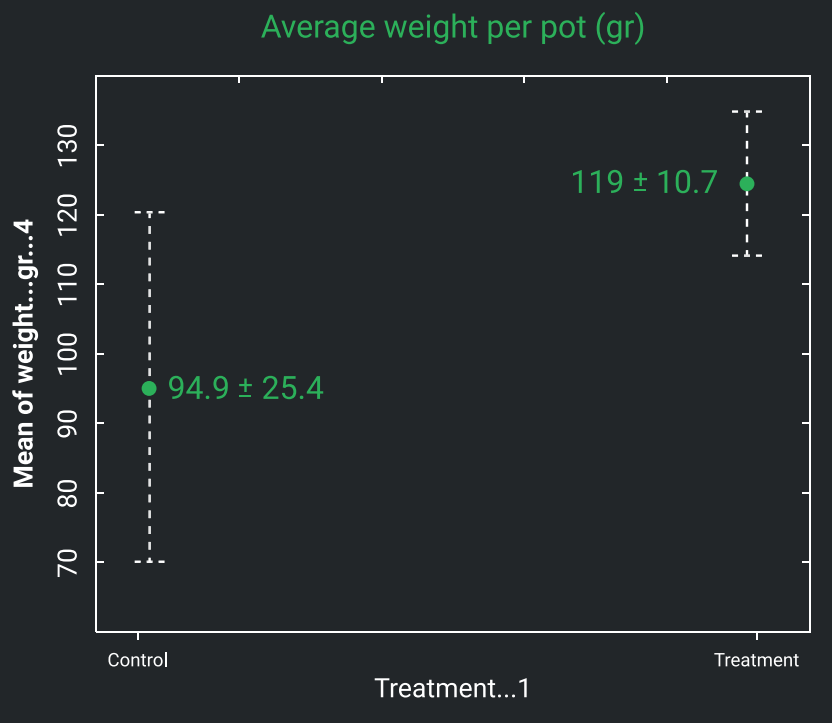
We tested 3 replicates, 6 plants per replicate, n=18 per each plot

The reduction of fertilizers was done since the 17th day after planting, to 70%, then 60%, and back to 70%

The result: the treated plot, which received 34% less fertilization, weighted on average more than the control plot, by 20%

P value<0.001





3 replicates, 6 plants per replicate, n=18, p value <0.001

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OPTIMO RESULTS
PLANT RESPONSE TO FERTILIZERS CHANGES

Control

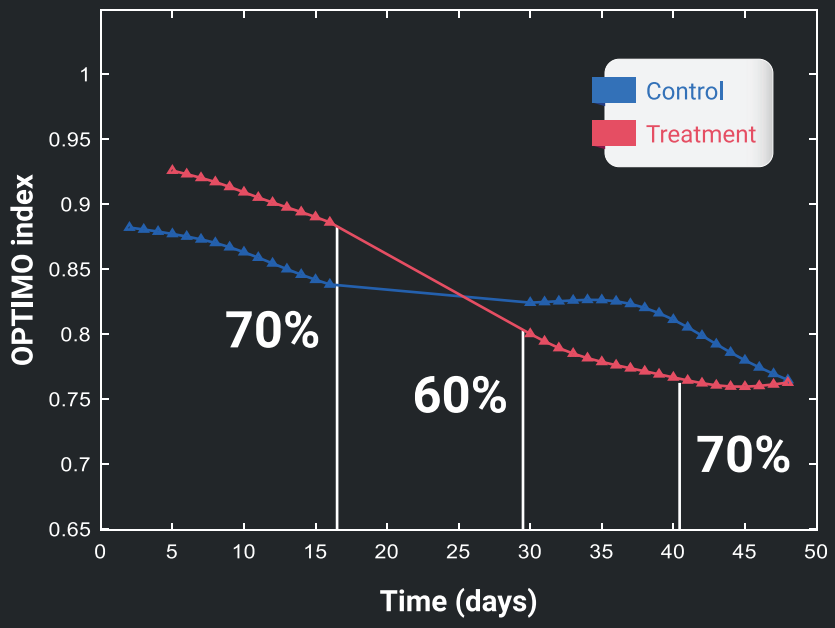
We tested the effect of plant response by Optimo's index

Fertilization changes conducted at day 17 (70%), day 30 (60%) and day 40 (70%) from planting

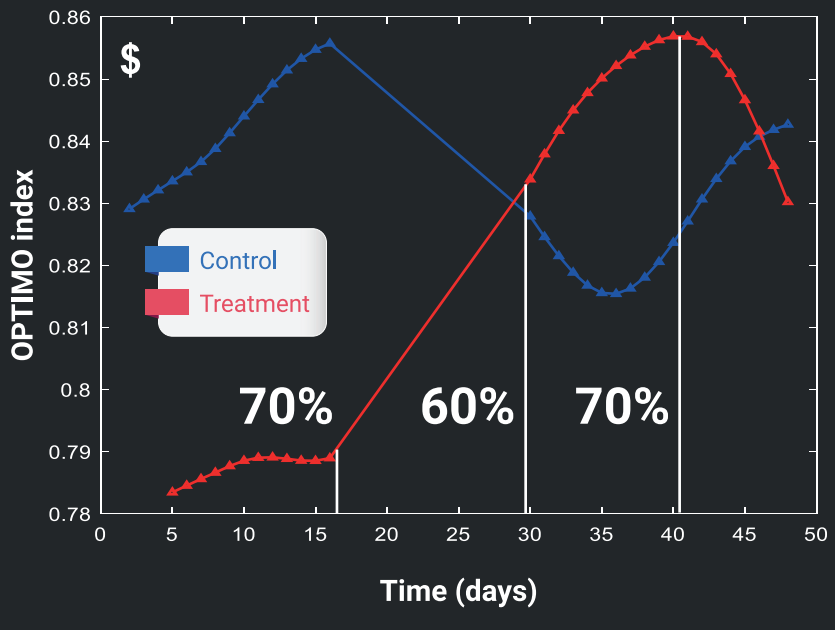
The result: can be seen by the photos taken on 47th day on both plots. We know by these indexes how to control fertilization

Dynamic treatment

Shamir12: index 2 all dynamics



Shamir12: index 4 all dynamics



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FERTILIZATION PROFICIENCY

OPTIMO RESULTS
PLANT RESPONSE TO FERTILIZERS CHANGES

Semi-commercial trial

CONTROL
100% fertilization of grower protocol

TREATMENT
70% fertilization of grower protocol

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