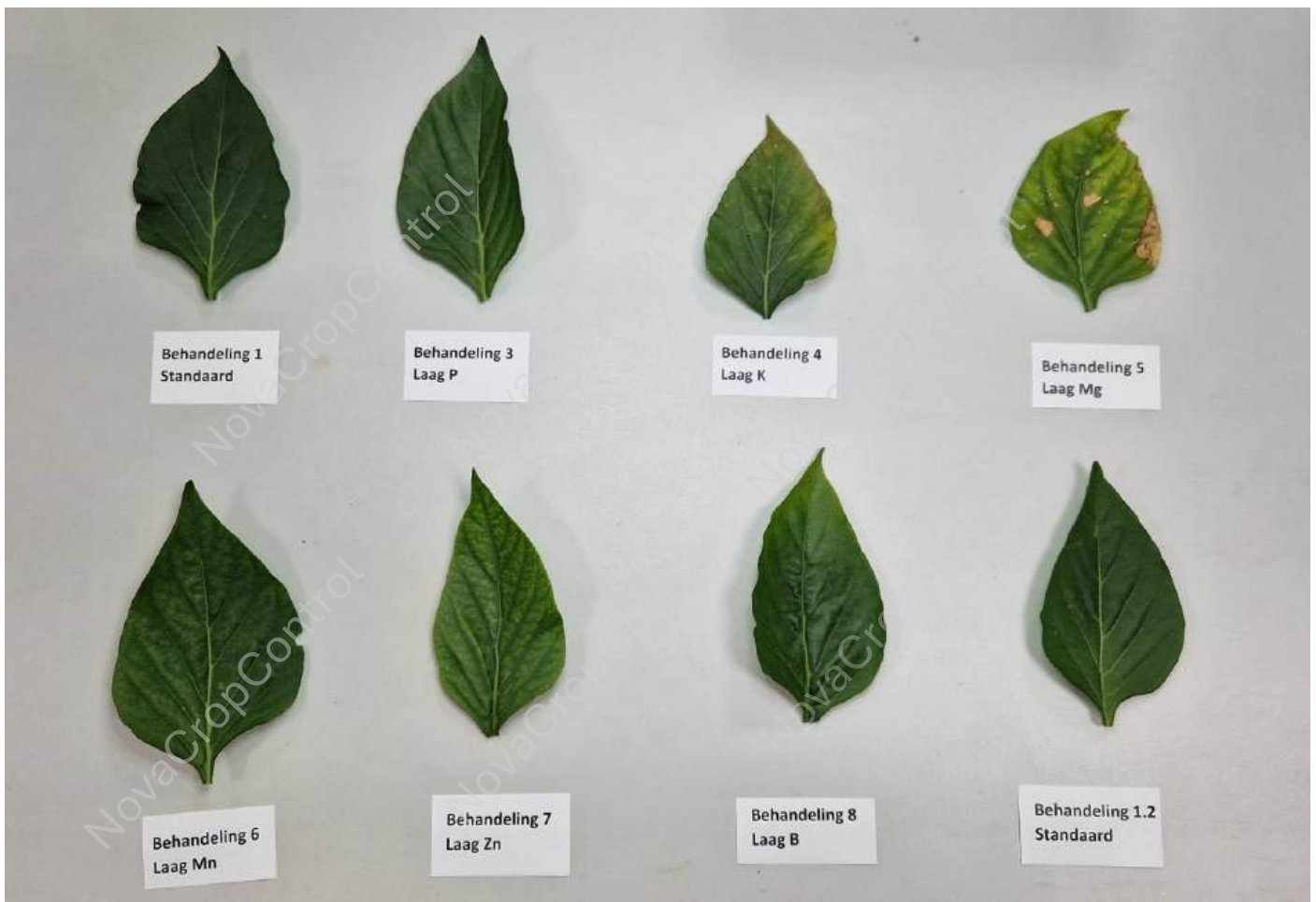


Symptoms of mineral deficiencies in

# Pepper

P, K, Mg - Mn, Zn, B



 NovaCropControl



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The images shown in this document are only guidelines, the symptoms can vary per crop and cultivation. In case of doubt about your crop health, we advise to do plantsap analysis.



# Standard fertilization

## Young leaves

The young leaves of pepper plants grown with standard fertilization are evenly dark green of color, the leaves on the top of the plants are brighter green.





# Standard fertilization

## Old leaves

The old leaves of pepper plants grown with standard fertilization are dark green of color as well. The old leaves hang downwards (sometimes curled up).





## Phosphate deficiency

The leaves with phosphate deficiency contain yellow-green spots between the veins, especially in the tip of the leaves.





# Potassium deficiency

The leaves with potassium deficiency show yellow-green coloring between the veins, with white to brown spots in this coloring. The plants with potassium deficiency lack growth both in plant and leaf length compared to the standard fertilization, the leaves also feel weaker.

 **NovaCropControl**

Week 14  
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# Magnesium deficiency

The leaves with magnesium deficiency show bright yellow coloring between the nerves, with signs of burning in this coloring.





# Manganese deficiency

The leaves with manganese deficiency show yellow-green spots between the nerves, especially in the tip of the leaves.







## Zinc deficiency

The leaves with zinc deficiency show a bright yellow coloring between the nerves, with brown necrotic spots, the old leaves also curl up more compared to the standard fertilization. The plants with zinc deficiency produce less and smaller peppers compared to the standard fertilization.





## Boron deficiency

A yellow to brown coloring moves into the leaves with boron deficiency, from the top of the leaves. In some plant tops the plant and leaf growth stop. The leaves are crispier compared to the standard fertilization, the plants with boron deficiency also produce less and smaller peppers.

