

Extract
from the test results of the plant conditioner
Zeomineral Fitopower

Healthy crops and high production without pesticides.

In 2014, *expert controlled tests* were conducted to verify the effectiveness of the plant conditioner during the production of several crops, at farms designated by the National Food Chain Safety Office (NéBiH). In each case, tests were conducted on an untreated parcel, a parcel treated with a control product, and two parcels treated with different doses of Zeomineral Fitopower.

A short summary of the results:

Grape

Latin name: Vitis vinifera

Variety: Cabernet

Sauvignon

Location: Somogy County, Katona Borház Kft

Every treatment increased the **number of bunches** per parcel. The control product increased it by 1.2%, the 5kg/ha dose of Fitopower by **1.6%**, and the 10 kg/ha dose by 1%.

The **weight of 100 berries** was increased by the control product by 1.6%, by the 5kg/ha dose of Fitopower by **4.1%**, and by the 10 kg/ha dose by **4.5%**.

Production per parcel was increased by the control product by 4.2%, and by Fitopower by **9.6%**.

Pepper

Latin name: Capsicum annuum

Variety: Brillant F1

Location: Csongrád County, outskirts of Hódmezővásárhely

Plant height was increased by the control product by 0.3%, by the 5kg/ha dose of Fitopower by **3%**, and by the 10 kg/ha dose by **4%**.

At the first harvest, the control product increased production by 0.7%, the 5kg/ha dose of Fitopower by 3.9%, and the 10 kg/ha dose by 10.8%.

At the second harvest, the control product increased production by 4%, the 5kg/ha dose of Fitopower by 7.6%, and the 10 kg/ha dose by 10.3%.

Total production:

As compared to the untreated parcel, the control product increased production by 2%, the smaller dose of Fitopower by **5.7%**, and the larger dose by **10.6%**.

The proportion of unmarketable crops decreased **by 30%** in the areas treated with

Fitopower. The **number of fruits per plant** also changed significantly:

it was increased by the control product by 3.4%, by the 5kg/ha dose of Fitopower by **10.3%**, and by the 10 kg/ha dose by

13.8%.

The sugar content of the plants was also increased slightly: by the control product by 0.5%, by the smaller dose of Fitopower by **1.2%** and by the larger dose by **2.3%**.

Apple

Latin name: Malus domestica

Variety: Gála

Location: Szabolcs-Szatmár-Bereg County, Nagykálló

Tests clearly showed the production-increasing effect of Fitopower.

Production per parcel was increased by the control product by 4.4%, by the 5kg/ha dose of Fitopower

by **7.6%**, and by the 10 kg/ha dose by **10%**.

At harvest, the **diameter of the fruit** was increased by the control product by 3.3%, by the 5kg/ha dose of Fitopower by **2%**, and by the 10 kg/ha dose by **4.9%**.

Pea

Latin name: Pisum sativum

Variety: Amalfi

Location: Csongrád County, Szőreg

When plant height was measured, there was a slight positive difference in all treated parcels as compared to untreated ones.

A positive difference was recorded in the number of pods per plant in every treated parcel. The **number of pods** was increased by the control product by 6.5%, by the 5kg/ha dose of Fitopower by **6.8%**, and by the 10 kg/ha dose by **7.6%**.

The number of seeds per pod increased significantly. The smaller dose of Fitopower increased it by **10.8%**, and the higher dose by **12%**.

Changes in production:

As compared to the untreated parcel, **production** was increased by the control product by 6.8%, by the 5kg/ha dose of Fitopower by **8.8%**, and by the 10 kg/ha dose by **9.8%**.

Apricot

Latin name: Prunus armeniaca

L. Variety: Orangered

Location: Baranya County, Józsefmajor

Changes in production:

In terms of production per parcel, every treatment led to better results than that of the untreated control parcel. Production was increased by the 5kg/ha dose of Fitopower by **11%**, and by the 10 kg/ha dose by **17%**.

Fruit weight increased by **5.6%** after the treatment with the plant conditioner, and sugar content increased by **0.6%**.

In terms of **flavour**, the 5 kg/ha dose of Fitopower was the best. Reviewers did not detect bitterness with any of the treatments, but from the aspect of sweetness and acidity, it was also the 5-kg dose that was found the best.