



Almina

Potatoes



Evaluation Report of Trial of the Product Named Almina
Established in Konaklı district of Niğde by Minitalya Tarım (01.02.2023)

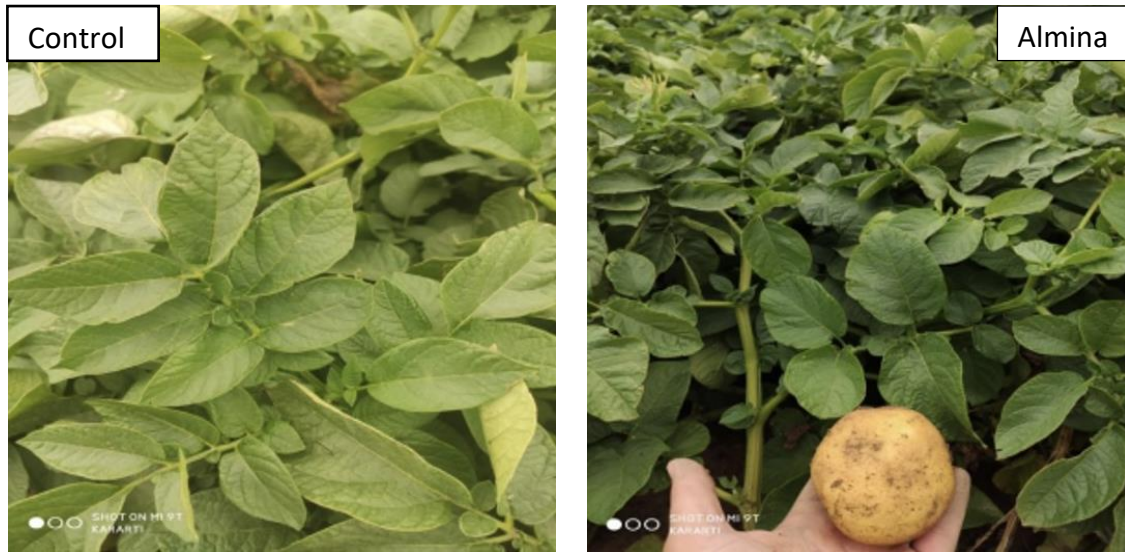
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The effects and differences were tested by using Almina soil conditioner in granule form in a potato field in Konaklı district of Niğde. In May 2021, the application and control plots, located side by side in the field, were determined.

- All maintenance and applications throughout the field are the same, the only difference is the 25 kg/da Almina (granule) application made to the soil in the application plot.

- In this study, separate harvests were made from the application and control plots and compared.

As a result of the observations, it has been proven that the Almina application liberates the nutrients and minerals that are bound and cannot be taken in the soil and enables the plant to take it. Apart from this, it has been observed that thanks to its porous structure, it loosens and ventilates the soil with water/air circulation and benefits the development of the plant with its rich content.



In the periodic controls, the vegetative part development seen in the application plot is darker in color, longer in length, with wider leaves and healthier than the control plot.



It was observed that root development in the plant samples in the application plot was larger, longer, heavier and healthier than the control plot.

Harvest started on October 28 and the area where we applied Almina was harvested separately and a yield of 5,960 kg per Decare was obtained. In the control group, the Decare yield was 5.440 kg of potatoes.

Considering the post-harvest yield, 10% improvement, but considering the quality distinction, seed or small caliber potato tubers, which we describe as 15-20% discard, were found in the control group. In the area where we apply Almina, this rate is around 8-10%.



When we look at the yields per decare, 5.300 kg of potatoes of the quality demanded by the market entered the sacks in the parcel where Almina was applied and reached the sale, while 4.500 kg of the potatoes in the control parcel entered the sacks.

Considering the potato prices of 2021;

Control Parcel Decare Profit: 9.000 TL

Decare earnings at the place where Almina is applied: 10.600 TL

It has been determined that a **cost of approximately 500 TL** nets a **gain of 1100 TL** per Decare.

NOTE: Third rate products (seedlings) are not taken into account when calculating the gain.