

Almina

Onion



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Evaluation Report of the Onion Trial of the Product Named Almina (14.09.2022)

The effects and differences were tested by using Almina soil conditioner in granule form in an onion field in Koçhisar.

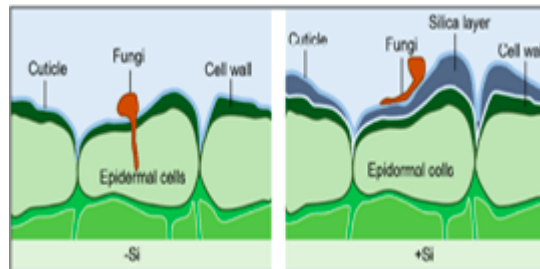
Application and control plots located side by side on a 70 decaire field were determined.

- All maintenance and applications throughout the field are the same, and the only difference between the control plot and the application plot is the 25 kg/da Almina (granule) application made to the soil in the application plot.- In this study, the tonnage values of the products were examined by harvesting separately on 10 decare of land from the application and control plots.



In the observations made during the production process, it has been determined that the application of Almina to the soil before planting increases the cation exchange capacity in the soil and reduces the problem of cream layer.

In addition, it has been observed that the amorphous silicon contained in Almina strengthens the cell walls, and the plant is more resistant to diseases and pests towards the control plot.





In the examinations and evaluations made by us in the process until the harvest, the applied parcel provided superior characteristics compared to the control part in terms of height, root, stem thickness, vegetative part development and color throughout the entire development process.

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.

Analysis Parameters	Unit	Control	Almina	Change
Ortalama Verim (kg/da)	%	5334 kg	6218 kg	17

In the harvest measurements, approximately 5334 kg/da onion was obtained from the control plot and 6218 kg/da onion was obtained with an increase of approximately 17% from the application plot.