

(STAMP)

Ministry of Agriculture and Food of  
Russia  
Inspectorate of the State Commission  
of the Russian Federation on testing and  
protection of selection achievements  
in the Krasnodar region  
YEISK  
strain testing plot  
353661, village Kukharivka, Yeisk  
district, Krasnodar region  
of July 25, 2005 No 1-38  
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**RESPONSE OF TEST OF THE MICROELEMENTED HUMIC ACID-BASED FERTILIZER  
“BIOPLANT FLORA” ON TOMATOES IN THE YEISK STATE STRAIN TESTING PLOT  
(KRASNODAR REGION)**

The “Bioplant Flora” fertilizer has been tested on tomatoes in Yeisk State Strain Testing Plot in the period between 2002 and 2005.

The processed tomatoes cultivars were “Dar Zavolzhya” and “Novichok” grown dry (without watering).

The tomatoes were doused with “Bioplant Flora” solution in the budding and early blossoming phase at the rate of 3 l/ha (concentration of water solution 1:250).

It is recommended to apply “Bioplant Flora” according to the following scheme: “processing of seeds” + douching in the 3-4 true leaves stage + douching at the budding and early blossoming phases.

Processing of seed material has been conducted in combination with dressing at the rate of 90-100 ml of “Bioplant Flora” per 100 kg of seeds.

Douching at the 3-4 true leaves phase should be conducted at the application rate 2 l/ha (concentration 1:350).

Douching at the budding and early blossoming phase should be conducted at the rate of 2-3 l/ha (concentration 1:350).

At the temperatures higher than 28°C° it is recommended to apply the preparation with additional watering (natural or artificial).

Processing of seed material is necessary for better spore germination and development of plants root system.

Douching at the 3-4 true leaves phase allows plants to increase the weight and bearing of roots, as well as to increase the leaves area.

Douching at the budding and early blossoming phase is important for heavy and sound yield.

Application of preparation resulted in increase of amount of flowers and fruits by 25-45% relative to control.

“Bioplant Flora” fertilizer is recommended for application on tomatoes.

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