

(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
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**RESPONSE OF TEST OF THE MICROELEMENTED HUMIC ACID-BASED FERTILIZER
“BIOPLANT FLORA” ON STRAWBERRY IN THE YEISK STATE STRAIN TESTING PLOT
(KRASNODAR REGION)**

The “Bioplant Flora” fertilizer has been tested on strawberry cultivar “Festivalnaya” in Yeisk State Strain Testing Plot in the period between 2005 and 2007.

According to recommendations, in order to provide dissemination of beneficial microflora and prevent infections and root rot, the seedlings with open root system was being soaked in the water solution of Bioplant Flora with concentration 1:40 for 12 hours before planting.

In order to prevent frostkilling and provide heavy yield in the following year, douching of plants with Bioplant Flora water solution at processing rate of 4 liters per hectare has been conducted in autumn, one month before frosts.

The first spring douching with Bioplant Flora water solution has been conducted 5 days after snow melting. The concentration of Bioplant Flora water solution was 1:150 at the rate of 5 l/ha.

Repeated douching of strawberry with Bioplant Flora water solution has been conducted after 5 and after 7 days at the rate of 4 l/ha before blossoming.

Application of Bioplant Flora brought along the increase of lamina area, intensification of photosynthesis, increase of amount of fruit spurs and berries on the fruit spurs.

No root rots have been detected on the plants processed with Bioplant Flora.

Significant yield increase received on strawberry during the testing period made more than 48,4%.

CONCLUSION:

Bioplant Flora fertilizer is recommended for application on berry cultures.

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