

(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 August 8, 2007 No 376
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**RESPONSE OF TEST OF THE MICROELEMENTED HUMIC ACID-BASED FERTILIZER
“BIOPLANT FLORA” ON WINTER-CROPS IN THE YEISK STATE STRAIN TESTING PLOT**

The “Bioplant Flora” fertilizer has been tested on winter-crops in Yeisk State Strain Testing Plot in the period between 2006 and 2007.

Recommended application according to scheme: «processing of seeds” +”autumn douching on sprouts” + “spring douching on budding”.

Processing of seeds material has been carried out before planting in combination with treatment at the rate of 1,0 l of Bioplant Flora per 1 t of seeds.

Autumn douching on sprouts (during early tillering period) has been carried out at the rate of 2 l/ha (concentration of water solution 1:350).

Spring douching in the tillering period has been conducted at the rate of 3 l/ha (concentration of water solution 1:350).

Processing of seeds allowed to increase the germination energy and prevent root rot.

Spring douching on sprouts allowed the winter-crops to develop massive root system and normally survive the drought of early 2007.

Spring douching brought along the growth of lamina, intensification of photosynthesis, gain in ear size and grain mass.

No root rots and fusarial head blight of cereal have been detected on the plants processed with Bioplant Flora. Fungicides have not been applied.

Significant yield increase in the testing period made more than 25,4%.

CONCLUSION:

Bioplant Flora fertilizer is recommended for application on winter-crops.

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YEISK

strain testing plot