

RESPONSE OF FARM HOLDING "DOROSHENKO" OF APPLICATION OF MICROELEMENTED HUMIC ACID-BASED "BIOPLANT FLORA" TO WINTER GRAINS (KRASNODAR REGION)

Bioplant Flora fertilizer has been applied by FH "Doroshenko" to winter grains in 2006-2007.

Processing in combination with dressing of seeds material was being carried out at the rate of 1 l of Bioplant Flora per 1 t of seeds.

Before seeding we applied "Amofosa" in total 70 kg/ha. The first douching has been conducted in autumn on sprouts at the rate of 2 l/ha (concentration of water solution from 1:250 to 1:300).

We applied additional feeding with niter as the rate of 150 kg/ha.

The plants have been secondly doused in spring on sprouts at the tillering period at the rate of 2 l/ha (concentration of water solution from 1:250 to 1:300). Processing has been combined with first spring herbigation.

Application of Bioplant Flora allowed:

- to receive the yield of autumn grain cultivar "Yarmak" amounting to 40,7 centner/ha;
- receive wheat of 3-4 quality class;
- reduce the amount of applied pesticides;
- not to apply fungicides;
- reduce application of mineral fertilizers by 45%.

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(ROUND SEAL)

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Application of Bioplant Flora allowed plants to survive the drought of 2007.