

Response

OF APPLICATION OF BIOORGANIC FERTILIZER "BIOPLANT FLORA" TO SEEDED PERENNIAL GRASSES AT LLC "RUCHYOVSKOYE" (Tver oblast)

Tests of bioorganic fertilizer Bioplant Flora on seeded grasses have been carried out at LLC "Ruchyovskoye" in the period of spring - summer 2007.

Processed culture – seeded perennial grasses – Timothy + Clover.

Processed area – 36 ha.

We applied ammonium nitrate at the beginning of vegetation period at the rate of 1 centner/ha.

Douching after I hay cutting has been carried out at the rate of 3 l/ha (concentration of water solution 1:350).

Douching after II hay cutting has been carried out at the rate of 5 l/ha (concentration of water solution 1:350).

Comparative analysis of the processed and control area has demonstrated that:

1. Douching with Bioplant Flora resulted in development of massive root system that allowed plants to normally develop during drought of 2007.
2. The size of lamina has increased, resulting in intensification of photosynthesis, the lamina became dark green.
3. The aboveground mass of plants has increased.
4. Application of Bioplant Flora allowed to receive three hay crops instead of one from the control plot.

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