

CJSC «Agrokompleks RASSVET »»

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Concerning fertilizer application

Response on application of fertilizer "Bioplant Flora" to carrot in CJSC "Agrokompleks RASSVET"

Liquid organic biological enrichment of fertilizers "Bioplant Flora" (BF) has been applied by CJSC "Agrokompleks RASSVET" in 2005-2006.

BF water solution with concentration 1:150 has been applied for douching the conventionally grown carrot cultivar "Samson" in 2005 over an area of 37,5 ha and in 2006 over an area of 52,5 ha. The preparation has been fourfold applied in combination with extra nutrition and application of herbicides in the doses of 2 liters per hectare once every 10-15 days.

The application had positive effect that manifested itself in:

1. Combined with application of herbicides BF has demonstrated pronounced antistress properties. No deceleration of vegetation development has been observed during application of toxic chemicals.
2. Shoot-forming capacity and general biomass of plants has increased.
3. The effect has been observed in 2-4 days after application. The effect of the preparation has been observed up to 15 days after application.
4. Application of liquid organic biological enrichment of fertilizers "Bioplant Flora" (BF) allowed to receive additional yield making 21,3% in 2005 and 23,8% in 2006 in comparison to check bedding.

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