

# AGROSTEMIN



**SUGARCANE**  
( *Saccharum officinarum* L. )

*Dr. Danilo Gajic*

## Preparation of planting material

Whether we treat a sinewy or non sinewy planting material, it is absolutely necessary before every planting to keep it emerged in water solution of **AGROSTEMIN**<sup>®</sup> for 15–20 minutes (it is allowed to be kept emerged simultaneously with disinfection preparations)

- ❖ 3.0g of "profi" (30g of "green") in 100 liters of water

## The production of planting material

Whether the production of planting material is performed in an assigned container (for example in PVC bags) or in assigned areas, the following should be done after the planting:

- ❖ to spray with 30g/ha of "profi" (300g/ha "green") or to water with a solution 3.0g of "profi" (30g of "green") in 1000 liters of water

## During the growing period

### At the beginning of season

The first season – if the planting material hasn't been previously emerged into solution, 7 to 10 days after the planting it should be done as follows:

- ❖ to spray with 30g/ha of "profi" (300g/ha "green")

The second and every following season – immediately before appearance of sprouting buds, it should be done as follows:

- ❖ to spray with 30g/ha of "profi" (300g/ha "green")

### During the season

The first spraying at the beginning of the tillering phase – immediately before the growing into a cluster starts:

- ❖ to spray with 30–150 g/ha of "profi" (300–1500 g/ha "green")

The second spraying at the beginning of intensive growth of crops ("Grand Growth Phase"):

- ❖ to spray with 30–150 g/ha of "profi" (300–1500 g/ha "green")

**Recommendation:** in other terms to spray simultaneously with application of other chemical protection preparations with 15g/ha "profi" (or 150 g/ha "green") for more successful recovery.

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## EFFECTS

### On planting material

- better rootage – strong and extremely ramified root system
- enlargement of energy sprouting buds
- bigger quantity of rooted planting material
- substantially faster and more even initial growth,
- increased resistance to diseases and pests
- bigger quantity of first class planting material

### In the growing period

- more successful transplantation – rootage of planting material
- substantially faster and more even initial growth,
- more exuberant tillering
- more strong – asset sprouts
- more successful rootedness,
- increased chlorophyll,
- increased leaf surface,
- increased resistance to diseases and pests

### Biological quality

- increased yield of polarization sugar,
- increased value of maturity quotient,
- increased value of pressed juice quotient,
- increased digestion,
- increased K content in the pressed juice, and
- reduced content of  $\alpha$  amino nitrogen in the pressed juice.

**Note:** In order to determine the beginning of harvest time, together with already practiced methods, it is absolutely necessary to use the methods based on determination of the actual quantity of sugar in a cane (the condition of the leaf surface is no longer reliable criteria due to the influence of Agrostemin)

**AGROSTEMIN®** is compatible with all other preparations used in agriculture in the form of water suspension – it does not require a separate passage

COMPLETELY HARMLESS FOR PEOPLE, ANIMALS (INCLUDING BEES) AND ENVIRONMENT;  
IT DOES NOT REQUIRE SPECIAL MEASURES OF HYGIENIC AND TECHNICAL PROTECTION