

AGROSTEMIN



Dr. Danilo Gajic

TABLE and WINE GRAPEVINE VARIETIES,

NURSERY OF VINE STOCKS,

PRODUCTION OF VINE PLANTING MATERIAL and PLANTING ROOTED GRAFTS

APPLICATION: tree times during the season –

- first time 10 days prior to flowering 450 g/ha "green" or 45 g/ha "golden"
- second time 10 days upon flowering 450 g/ha "green" or 45 g/ha "golden"
- third 10 days prior to appear the color 450 g/ha "green" or 45 g/ha "golden"

| Grapevine | Application | Dose (g/ha) | Treatment time |
|------------------------|---|---|---|
| Table & Wine varieties | <u>in the vegetative season</u> | | <u>1st spraying</u> 10 days prior to blossom |
| | AGROSTEMIN [®] – "green" | 3x450 | <u>2nd spraying</u> 10 days after blossom |
| | AGROSTEMIN [®] – "golden" | 3x 45* | <u>3rd spraying</u> 10 days prior to appearance of color |
| Nursery of vine stocks | <u>in the vegetative season</u> | | <u>1st spraying</u> 10 – 15 July |
| | AGROSTEMIN [®] – "green" | 3x450 | <u>2nd spraying</u> 01 – 05 August |
| | AGROSTEMIN [®] – "golden" | 3x 45* | <u>3rd spraying</u> 20 – 30 August |
| Vine scion | <u>in rooting nursery</u> | | <u>1st spraying</u> 10 – 15 July (5–6 leaves stage on grafts shoots) |
| | AGROSTEMIN [®] – "green" | 3x450 | <u>2nd spraying</u> 25 – 30 July |
| | AGROSTEMIN [®] – "golden" | 3x 45* | <u>3rd spraying</u> 15 – 20 August |
| Rootless grafts | <u>Submerge grafts base part into solution of</u> | <i>per 10l water</i> | Dipping into the solution a period of 2 - 3 seconds prior to stratification |
| | AGROSTEMIN [®] – "green" | 15 g | |
| Rooted grafts | <u>Submerge grafts root into solution of</u> | <i>per 10l water</i> | Shortly (2–3 sec) dipping prior to planting |
| | AGROSTEMIN [®] – "green" | 15 g | |
| | | AGROSTEMIN [®] – "golden" | 1.5 g |

* **AGROSTEMIN**[®] – "gold" (concentrate)

Recommendation:

In plantations under a drop-by-drop irrigation system, apply doses of **AGROSTEMIN**[®] 1.5 time bigger then table ones ("green" = 3 x 600 g/ha; "golden" = 3 x 60 g/ha), and 2 times bigger ("green" = 3 x 900 g; "golden" = 3 x 90 g/ha) if an increase of colored matters in the skin is desired.

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APPLICATION

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- viticulture -

during vegetative season

- improved mechanical properties of berries and clusters,
- increased mass of berries and clusters,
- thicker berry skin,
- increased resistance to winterkilling.

influence on yield

- yield potential in table and wine varieties increases by 10% - 30%
- percentage of the first class grafts increases by 10%
- increase of wood mass - a I class cuttings and vine stocks up to 10%

BIOLOGICAL QUALITY

- favorable impact on the relation between the sugar content and total acids,
- increased contents of colored matters, anthocyanins and carotene, in the berry skin,
- better preservation during transport and storage.

Application: as a rule **450 g/ha "green"** (or **45 g/ha "golden"**), three times during the season

First time: , 10 days prior to flowering

Second time: , 10 days upon the flowering

Third time: 10 days prior to the color appears

Recommendation:

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

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

Dr Danica Gajic invents Agrostemin. As a unique preparation (it is neither a fertilizer, it is neither a pesticide, nor a phytohormone) with wide range of effects, based on researches, testings and verifications done by Scientific institutions and eminent scientists and based on proven effects in application, **AGROSTEMIN®** over 30 years of application in the agriculture in Yugoslavia has been classified as a standard agrotechnical measure, i.e. **a preparation for improving the quality and increasing quantity of yield **).**

AGROSTEMIN® is produced as per the Yugoslav Patent office document no. 32749. Considering the fact that there are also forgeries present on the market, with quality control we obtained the right to put the signature (*Dr. Danica Gajic*) of the author-creator of Agrostemin – Dr Danica Gajic – on our packagings and, in such a way, to confirm their originality.

*) Decision № 3/2-08-9291/02 dated 13.01.2003 of Ministry of Labor, healthcare and social welfare of FR of Yugoslavia

**) Decision № 321-01-01175/2009-11 dated 08.02.2010 of Ministry of Agriculture, Forestry and Water Management of Serbia