

Prestige[®]

PLANT GROWTH REGULATOR

TECHNICAL FLYER

Prestige[®] Plant Growth Regulator is an EC formulation containing 10 g/L forchlorfenuron (CPPU) and adds to the Sumitomo PGR range for Tablegrapes.

Prestige increases the berry size of Tablegrapes and is used when berries are 4 - 6 mm in diameter. It is a synthetic Cytokinin that stimulates cell division to produce berry enlargement.

Prestige is a complementary product for ProGibb[®] not a replacement product, and they should be used together for optimum berry sizing.

Prestige provides improved:

- Fruit set
- Firmness
- Cap stem attachment
- Size
- Uniformity

Other benefits:

- Harvest management tool
- Delay aging
- Delay harvest in later regions

GENERAL INSTRUCTIONS

Prestige 10 EC is a very active plant growth regulator (phenylurea type cytokinin) that increases berry size of table grapes. As the active ingredient forchlorfenuron acts through increasing cell numbers and cell size by exhibiting direct influence on the fruit and as forchlorfenuron is not translocated in plant tissue (e.g. from treated leaves to fruit), it is sufficient to spray only the fruit by direct application. Directed spray to the young fruitlets and airblast spraying to fruitlets and leaves are equivalent with respect to efficacy.

Prestige 10 EC increases berry size in table grapes when sprayed onto the small berries when they have reached 4 - 6 mm diameter. Higher rates of Prestige 10 EC may change berry shape to a more spherical form.



SUMITOMO CHEMICAL

DIRECTIONS FOR USE

RESTRAINT: DO NOT apply by air

CROP	RATE	CRITICAL COMMENTS
TABLE GRAPES Thompson Seedless, Menindee Seedless, Red Globe	50 - 100 mL per 100 L water	Apply at 4 - 6 mm berry size

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. **FOR SPECIFIC VARIETY RATE RECOMMENDATIONS, PLEASE CONSULT YOUR LOCAL SUMITOMO REPRESENTATIVE.**

WITHHOLDING PERIOD

HARVEST (GRAPES): NOT REQUIRED WHEN USED AS DIRECTED

GRAZING: DO NOT GRAZE TREATED VINEYARDS OR CUT TREATED AREAS FOR STOCKFEED UNTIL AFTER COMPLETION OF GRAPE HARVEST

EXPORT HARVEST INTERVAL (EHI): NOT REQUIRED WHEN USED AS DIRECTED

APPLICATION

Prestige 10 EC can be applied as:

- Directed spray to the young fruit or bunches, with spray volumes in the range of 500 L/ha (single fruit treatment). Spray volume depends on crop load, spray equipment used, nozzle type and spray pressure. Bunches have to be thoroughly wetted. Formation of drip points must be avoided.
- Overall spray on the whole vines by means of a mist blower, etc. (e.g. air blast spraying), with spray volumes of around 1,000 L/ha depending on vine height, spacing of vines and equipment used (nozzle type and size etc.).

Apply as a fine mist. Complete coverage of the fruit is essential and all bunches have to be wetted thoroughly. Apply at a volume of between 500 and 1,000 L water per hectare on established vines. Use proportionally less on younger vines.

Avoid run-off and formation of drip-points, which may lead to unwanted marks/rings on the berry skin. Apply preferably during the early morning. Avoid the midday heat. Avoid spraying if rain is expected.

As Prestige 10 EC is not systemic and applications are made some weeks before new bud formation occurs, Prestige 10 EC cannot directly influence crop load in the following year. However, with the use of Prestige 10 EC, the productive requirements of the treated plants are increased. For this reason, it is important to adjust fruit load, nutritional state and water balance of the plants accordingly.

Apply Prestige 10 EC **after** termination of post bloom shatter period as otherwise Prestige might increase fruit set.

ProGibb

Good berry thinning is essential when using Prestige 10 EC. Therefore, ProGibb thinning sprays should be done at full rates. Optimum berry size is obtained when using Prestige 10 EC in addition to a standard ProGibb programme.

COMPATIBILITY

Prestige 10 EC is not compatible with insecticides, fungicides or herbicides and should therefore not be used in tank mixtures with these products. Prestige 10 EC can be used in a tank mix with ProGibb.



FOR MORE INFORMATION ON PRESTIGE, PLEASE CONTACT:

Patrick Press (QLD & N NSW): 0417 085 160

Andrew Franklin (FNQ): 0408 063 371

Phil Glover (N NSW): 0418 668 586

Charles McClintock (S NSW): 0429 004 290

Barry Kerr (VIC & TAS): 0418 681 891

Stephen Addenbrooke (WA): 0429 105 381

Frank Galluccio (W VIC & Sunraysia):
0418 502 466

Fiona Hill (SA): 0438 864 498

OR our Sydney office: (02) 8752 9000



SUMITOMO CHEMICAL

ABN 21 081 096 255

www.sumitomo-chem.com.au

Suite 402, Building B,
242 Beecroft Road, EPPING NSW 2121

TEL: (02) 8752 9000

FAX: (02) 8752 9099

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