

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# CPPU 10

## PLANT GROWTH REGULATOR

ACTIVE CONSTITUENT: 10g/L FORCHLORFENURON

For increasing Berry size in Table Grapes

**IMPORTANT:**  
READ THE ATTACHED LEAFLET BEFORE USE

APVMA Approval No 65173/50324

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### DIRECTIONS FOR USE

**RESTRAINTS: Do not apply by air**

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

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHHOLDING PERIODS:**

**HARVEST (GRAPES) : NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING: DO NOT GRAZE TREATED VINEYARDS OR CUT TREATED AREAS FOR STOCK-FEED UNTIL AFTER COMPLETION OF GRAPE HARVEST.**

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

### GENERAL INSTRUCTIONS:

*CPPU 10 Plant Growth Regulator* is a very active plant growth regulator (phenylurea type cytokinin) that increases fruit size of table grapes. As the active ingredient forchlorfenuron acts through increasing cell number 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 air-blast spraying to fruitlets and leaves are equivalent with respect to efficacy.

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

### Gibberellic Acid

Good berry thinning is essential when using *CPPU 10 Plant Growth Regulator*. Therefore, gibberellic acid (GA3) thinning sprays should be done at full rates. Optimum berry size is obtained when using *CPPU 10 Plant Growth Regulator* in addition to a standard GA3 program.

### MIXING

Thoroughly clean out spray container with clean water. Use correct measuring device and do not mix more than is needed. To prevent foaming and ensure adequate mixing, add part of water to spray tank, then product, mix and add remaining water. Agitate whilst mixing and applying.

### COMPATIBILITY

*CPPU 10 Plant Growth Regulator* is not compatible with insecticides, fungicides, herbicides, surfactants or other adjuvants and should therefore not be used in tank mixtures with these products. *CPPU 10 Plant Growth Regulator* can be used in a tank-mix with gibberellic acid.

### APPLICATION

*CPPU 10 Plant Growth Regulator* can be applied as :  
- Directed spray to the young fruit or bunches, with spray volumes in the range of 500L/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.

## APPLICATION (cont):

- Overall spray on the whole vines by means of a mist blower, etc (e.g. air-blast spraying), with spray volumes of around 1000L/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 1000L water/ha on established vines. Use proportionally less on younger vines. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.

The required spray volume will change and the sprayer set up and operation may also need to be changed as the crop grows.

Avoid run-off and formation of drip-points, which may lead to unwanted marks/rings on the berry skin.

Apply preferably during the morning or late afternoon hours. Avoid the midday heat. Avoid spraying if rain is expected. As *CPPU 10 Plant Growth Regulator* is not systemic and applications are made some weeks before new bud formation occurs, *CPPU 10 Plant*

*Growth Regulator* cannot directly influence crop load in the following year.

However, with the use of *CPPU 10 Plant Growth Regulator*, 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 *CPPU 10 Plant Growth Regulator* after termination of post bloom shatter period as otherwise *CPPU 10 Plant Growth Regulator* may increase fruit set.

## PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

## STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container below 20°C in a dry place.

Do not store in the direct sunlight. Triple or preferably pressure-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

## SAFETY DIRECTIONS

Will irritate the eyes and skin. Repeated exposure may cause allergic reactions. Avoid contact with eyes and skin. If product or spray on skin, immediately wash area with soap and water. If product gets in eyes, wash it out immediately with water.

Wash hands after use. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After each days use, wash gloves and face shield or goggles and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. **Phone 13 11 26.**

## MATERIAL SAFETY DATA SHEET

For additional information, refer to the MSDS which is available from the supplier.

**IN AN EMERGENCY  
DIAL 000  
POLICE OR FIRE BRIGADE**

## LIMIT OF WARRANTY AND LIABILITY

RONIC International Pty. Ltd. ("RONIC") warrants that this material conforms to the chemical description on the label. As the use of product sold is beyond the control of RONIC, no responsibility whatsoever for any consequences is accepted in respect of this product, save those non-excludable conditions implied by any State and Federal legislation or law of a Territory. Not for re-packaging or reformulation.

No licence under any patent is granted or implied by purchase of this container.