

Ambitious

PLANT GROWTH REGULATOR

ACTIVE CONSTITUENT: 10 g/L FORCHLORFENURON

Plant Growth Regulator For Increasing Berry Size In Table Grapes

GENERAL INSTRUCTIONS

Ambitious 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 (eg 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.

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

Gibberellic Acid – Good berry thinning is essential when using Ambitious. Therefore, gibberellic acid (GA3) thinning sprays should be done at full rates. Optimum berry size is obtained when using Ambitious in addition to a standard GA3 programme.

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

Ambitious is not compatible with other insecticides, fungicides, herbicides, surfactants or other adjuvants and should therefore not be used in tank mixtures with these products. Ambitious can be used in a tank mix with Gibberellic Acid.

APPLICATION:

Ambitious can be applied as:

- Directed spray to young fruit or bunches, with spray volumes in the range of 500 L/ha (single fruit treatment). Spray volumes 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 (eg. air blast spraying), with spray

volumes of around 1000 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 1000 L water per hectare 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 preferable during the morning or late afternoon hours. Avoid the midday heat. Avoid spraying if rain is expected. As Ambitious is not systemic and applications are made some weeks before new bud formation occurs, Ambitious cannot directly influence crop load in the following year.

However, with the use of Ambitious, 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 Ambitious after termination of post bloom shatter period as otherwise Ambitious 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 plant/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

FLAMMABLE – keep away from flames or heat.

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a cool (below 20°C), well-ventilated area. **DO NOT** store for prolonged periods in 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 container or product.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. If product on skin, immediately wash area with soap and water. If product 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 day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (SDS).

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

APVMA Approval No. 65381/50786

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	
UN No. 1170	
PG II	
In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 777 068 ALL HOURS - AUSTRALIA WIDE

DIRECTIONS FOR USE

Restraints:

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 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 PERIOD

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.