

WARNING
KEEP OUT OF REACH OF CHILDREN



NAA 100

THINNING AGENT FOR PIPFRUIT & MANDARIN.
FRUITDROP INHIBITOR FOR PIPFRUIT.

grochem

Contains: 100g/litre 1-naphthylacetic acid as the sodium salt
in the form of a soluble concentrate



NET CONTENTS
5L

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GCNAA/0422



NAA 100

Causes serious eye irritation.
Harmful to aquatic life.
Harmful to the soil environment.

READ LABEL AND SAFETY DATA SHEET BEFORE USE.

THIS PRODUCT MUST NOT BE USED FOR ANY PURPOSE OR ANY MANNER CONTRARY TO THIS LABEL.

FIRST AID: IF SWALLOWED: If conscious give water to drink. Call a POISON CENTRE or Doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON SKIN: Wash with soap and water.

IF INHALED: Move patient to fresh air and sit in a position comfortable for breathing.

If medical advice is needed, have product container or label at hand.

24-hour Emergency Telephone Number – for advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.

For specialist advice in an emergency only, call 0800 CHEMCALL (24hrs) or 0800 243 6225. In a transport emergency dial 111.

STORAGE: Store in a cool dark area away from foodstuffs. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

HANDLING: Wear protective gloves/protective clothing including eye/face protection and suitable respirator. Wash hands, face and all exposed skin thoroughly after handling.

DISPOSAL: Product disposal: Dispose of product only by use in accordance with the label or process at an approved facility. **Container disposal:** Triple rinse container into spray tank. Recycle if possible (e.g. Agrecovery), otherwise puncture, crush and bury at an approved landfill.

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

SPILLAGE: Contain spillage with absorbent material. Dispose of spent absorbent at an appropriate landfill. Wash affected area with an excess of water.

SAFETY DATA SHEET: A Safety Data Sheet (SDS) for NAA 100 is available from Grochem on request or www.grochem.com

TRANSPORT: Do not carry more than 1L on a passenger service vehicle.

DIRECTIONS FOR USE:

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.

GENERAL INSTRUCTIONS: Chemical thinning can give variable results from season to season so district experience is the best guide. Leave a few trees of each variety untreated as a check on the effect of thinning sprays applied. Avoid over thinning of lower parts of multi-leader trees by directing spray to upper portions only. Dilute spray application is recommended. Avoid application during or near frost conditions. Increasing high humidity immediately before spray application may increase thinning effect. Rain a few days after spraying may also increase thinning effect.

WITHOLDING PERIOD: Withholding period is not required when used as directed.

IT IS AN OFFENCE FOR USERS OF THIS PRODUCT TO CAUSE RESIDUES EXCEEDING THE RELEVANT MRL IN THE NEW ZEALAND (MAXIMUM RESIDUES LIMITS OF AGRICULTURAL COMPOUNDS) FOOD STANDARDS.

RESTRAINTS: DO NOT apply during or near frost conditions. High Humidity or rain within a few days of application may increase thinning effect.

APPLES AND PEARS: Apply NAA 100 between bloom and complete petal fall. Undesirable side effects occur from later applications. Apply under warm conditions, 20°C or greater on the day of application. Apply as a dilute application until the point of run-off. Ensure good coverage to the entire canopy. To increase uptake and reduce foliage injury add a recommended surfactant such as Grochem Spray Aid. Apply thinning sprays as separate applications. Temperatures in the late 20s or higher, high product rates and stressed or diseased trees may result in higher than desirable fruit drop. Results may vary with season and variety.

Parts per million required	5ppm	7ppm	10ppm
Amount of NAA100 product/100L water	5ml	7ml	10ml
Varieties:	Dougherty & Red Dougherty		7ppm
	Fuji (full bloom only)		10ppm
	Braeburn, Pacific Queen, Pink Lady		5-7.5ppm
	Golden Delicious		5ppm

Treat other varieties such as Pacific Rose, Royal Gala and Sports of Royal Gala at rates between 5-10ppm plus Grochem Spray Aid. Varieties such as Cox's, Delicious, Granny Smith and Kidds may be over thinned. Do not use on Sturmer as storage life is affected.

PREVENTION OF PRE-HARVEST DROP: Early season varieties including Kidds Orange, William bon Chretien, P. Barry etc, apply 7 to 10 days before anticipated harvest date at the rate 10ppm. Dilute spraying is necessary to thoroughly wet the fruit stems. If necessary apply a second spray after harvest. Fruit drop is only prevented. Ripening is not delayed. For maximum effect apply sprays in fine weather before fruit is likely to drop.

MANDARIN CHEMICAL THINNING: Do not apply when mature fruit from the previous season are present on the tree.

Variety	Directions	Rate in ppm	Rate in ml per 100L
Satsuma	Apply when fruitlets are 10-12mm in size	300ppm	300ml
Encore	Apply when fruitlets are 10-12mm in size	300ppm	300ml

- Environmental conditions can greatly influence uptake and activity of NAA 100. Temperatures below 15-18°C on the day of application and the following few days, may result in a reduced response.
- Temperatures exceeding 30°C may cause excessive thinning. Dilute spray application is recommended.
- To enhance uptake apply with a suitable non-ionic surfactant such as Spray Aid.
- Rain within six hours of application may significantly reduce efficacy.

CONDITIONS OF SALE: As no control can be exercised over the manner in which or the conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

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