

HARMFUL
KEEP OUT OF REACH OF CHILDREN

THIN-IT[®]



THINNER

BLOSSOM THINNER TO OPTIMISE CROP LOADS IN PIPFRUIT AND STONEFRUIT CROPS

grochem

Contains: 782g/L Ammonium Thiosulphate (ATS) as a soluble concentrate.



NET CONTENTS
20L

GTHINI/1015

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PLEASE READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE

HAZARD CLASSIFICATION: 6.1E, 6.3B, 6.4A, 9.1D

TOXIC: WARNING – may be harmful in contact with skin or if swallowed. Causes mild skin irritation. Causes serious eye irritation. Avoid skin and eye contact or inhalation. Wash hands and exposed skin before meals and after work.

ECOTOXIC: Harmful to aquatic life. Avoid contamination of any water supply with product or empty container.

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

FIRST AID: IF SWALLOWED: DO NOT induce vomiting. Obtain emergency MEDICAL ATTENTION.

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 attention.

IF ON SKIN: Wash with soap and water. If skin irritation occurs, get medical advice/attention.

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

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 original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Avoid direct sunlight and temperatures below 5°C and above 35°C. Storage must be generally in accordance with NZS8409:2004 Management of Agrichemicals.

When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture (D.O.M.). Contact your supplier for further information about the use of any product that is older than this.

Stores containing more than 10,000 litres of Thin-It require bunding and are subject to signage. See the Safety Data Sheet for further information. SDS must be readily available to persons handling Thin-It in any work place holding 50 litres of product or more.

DISPOSAL: Dispose of this product only by using according to the label, or at an approved landfill, or another approved facility. Avoid contamination of any water supply with product or empty container.

Triple rinse empty container and add rinsate to spray tank. Burn in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill, or if appropriate recycle.

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

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

SPILLAGE: Wear protective clothing and prevent material entering waterways. Absorb spill with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

SAFETY DATA SHEET: A SDS is available from Grochem or www.grochem.co.nz

WITHHOLDING PERIOD: No withholding period is required when used as directed.

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.

Registered pursuant to the ACVM Act 1997, No. P7076 No. See www.foodsafety.govt.nz for registration conditions. Approved Pursuant to the HSN0 Act 1996, No. HSR08037. See www.epa.govt.nz for approval conditions.

Batch:

DoM:

DIRECTIONS FOR USE:

GENERAL INSTRUCTIONS:

WATER RATE: Thin-It should be applied as a dilute spray to a point prior to run off. The use of tree, row volume (TRV) is recommended to calculate the dilute water rate (see NZS8409:1999 The Management of Agrichemicals). Excessive water rates may result in undesirable levels of leaf burn and may increase the potential thinning response by in Thin-It.

WETTING: Application should be made to dry leaves in fast drying conditions to avoid variable results and any possible leaf damage. If events in the thirty hours after application result in re-wetting, either the application should be delayed or the water volume reduced by 10–50% depending on predicted weather.

TEMPERATURE: For the best results apply in a period of warm weather (temp. 17–25°C), higher temperatures in the days post application will increase the response. Cloudy weather up to 30–40 days post application may also increase the response. As with any foliar nutrient, avoid application when temperatures exceed 30°C.

DORMANCY BREAKERS: The use of dormancy breakers that compact flowering may increase the efficacy of thinning with Thin-It. Consideration should be made of this potential when planning the number of applications used.

APPLICATION & MIXING: Thin-It, due to its high specific weight, needs to be well mixed before application. Poor tank agitation can result in patchy response and possibly leaf damage. Very early applications at the start of flowering are not recommended due to higher leaf sensitivity to damage. Calibration of sprayer is important to give an even coverage over the target area to reduce risk of leaf damage and ensure an even response. Ensure all nozzles are clear and flowing properly before application. Nozzle selection is important to gain even coverage, large droplet sizes reduce potential for even coverage and result in increased water requirement to gain coverage. Specialised concentrate nozzles should be used when applying chemicals at low water rates.

WARNINGS:

Apples – Whilst russet has generally not been seen with the use of Thin-It, care must be taken when used on russet sensitive varieties. Normal russet minimisation strategies are recommended; these include avoiding application under slow drying and cold conditions.

Pears – The use of Thin-It on pears may result in increased russet. Pears are also more sensitive to marginal leaf burn than apples with the use of Thin-It. Young Immature Trees – are more sensitive to blossom thinning. Use lower water rates on young trees.

Summerfruit – Varietal response differs among summer fruit. Treat only limited 'trial' areas until response has been verified for your conditions.

Warning: Use of Thin-It on some summer fruit varieties (such as the O' Henry, Bright Pearl and Tasty Zee peaches and others) may result in bud and young wood desiccation and death, and over thinning, especially with high water volumes or under damp conditions.

RESTRAINTS: DO NOT apply in damp conditions, avoid high humidity and heavy dews, especially at the time of application.

DO NOT apply with wetting agents or surfactants as plant injury may occur.

DO NOT tank mix with other pesticides or foliar nutrients.

CROP	RATE	CRITICAL COMMENTS
Apples	1.5L per 100L water	First application should be made when sufficient bloom has set on target wood – this usually coincides when 80% of flowers are open. Subsequent applications are made to remove all other unwanted blooms.
Pears	1.25L per 100L water	<p>Apples: Spur Bearing: 1–2 applications. Non Spur Bearing: 2–4 applications.</p> <p>Pears: 1–3 applications.</p> <p>Note: Can result in increased russet on pears</p> <p>Dilute spray application: High water rates increase the potential thinning response. In years of very heavy bloom or in hard to thin crops, more applications may be required.</p> <p>Concentrate spray application: Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Do not apply at water rates of less than 500L/ha.</p>

CROP	VARIETIES	DIRECTIONS FOR USE
Apricots	Trevatt Royal Rosa	Apply 1–1.5L per 100L. Apply as a dilute spray to a point prior to run off.
Cherries	Rosanne Earlise	Do not apply at water rates of less than 500L/ha. Apply 1–3 applications
Nectarines	Rose Diamond Spring Red	First application should be made when sufficient bloom has set on target wood – this usually coincides when 80% of flowers are open. Subsequent applications are made to remove all other unwanted blooms.
Peaches	Elegant Lady Golden Queen	Warning:
Plums	Fortune	Sensitivity to bud, young wood damage and thinning varies among summer fruit varieties. Apply only to trees once satisfied with risk due to your own experience on limited trial areas. Use only water rates suitable to achieve an even coverage for the volume of target tree canopy present at time of application. DO NOT apply excess water volumes past the point of drip as damage to young wood, buds and over thinning may occur. DO NOT apply to damp trees or under damp conditions.

Note: The above lists should in no way be considered complete. Due to the large numbers of summer fruit varieties grown not all varieties may be tested.