

KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

PROFICIENT™

PLANT GROWTH REGULATOR

A plant growth regulator for the suppression
of shoot growth in apples.

ACTIVE INGREDIENT: Contains 100 g/kg prohexadione-calcium
in the form of a water dispersible granule

SCPR811/F02



PROFICIENT

HAZARD CLASSIFICATION: Designed for biocidal action

ECOTOXICITY
Plant growth regulator. Designed to control growth in certain plant species. Do NOT allow spray drift outside the target area to occur.

PRECAUTIONS
PERSONAL PROTECTION: When mixing and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, suitable gloves and goggles. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash contaminated clothing and equipment before reuse.

EQUIPMENT: Apply with well-maintained and accurately calibrated equipment. Clean out application equipment thoroughly after use. Do NOT contaminate water when disposing of equipment wash waters.

STORAGE: Keep out of reach of children. Store securely in original container, tightly closed, away from food and animal feeds. Protect against moisture. Keep away from heat. Protect from direct sunlight. Storage and application must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

SPILLAGE: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Prevent further spillage and product from entering waterways. Sweep and shovel up spill and place in sealable container labelled for disposal. Avoid dust formation. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in suitable landfill.

DISPOSAL: Do NOT contaminate water with chemical or empty container.

Product Disposal: Dispose of this product only by using according to the label or at an approved landfill. Do NOT burn product.

Container Disposal: Triple rinse empty container (if possible) and add rinsate to the spray tank. Recycle container via Agrecovery (www.agrecovery.co.nz) or to an approved landfill.

SAFETY DATA SHEET: A safety data sheet is available from Sipcam New Zealand Ltd.

FIRST AID:
If medical advice is needed, have product container or label at hand. For advice contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor. If swallowed, do NOT induce vomiting. Rinse mouth. If on skin or hair, wash with plenty of soap and water. If in eyes, rinse out cautiously with water for at least 15 minutes. If skin or eye irritation persists, get medical attention.

EMERGENCY RESPONSE 0800 CHEMCALL: 0800 243 622

GENERAL INFORMATION
PROFICIENT is a plant growth regulator, which acts within the plant by inhibiting the hormones gibberellin and ethylene. **PROFICIENT** application will reduce shoot growth leading to less pruning in apples. These effects lead to production gains. The maximum application rate is 1.5 kg **PROFICIENT**/ha (0.15 kg prohexadione-calcium/ha).

DIRECTIONS FOR USE

CROP	RATE	GROWTH STAGE	COMMENTS
Apples	50-75g per 100 litres water	Apply initial treatment when new shoot growth is 2 to 5 cm (3 to 5 leaves fully developed per shoot)	The rates suggested are for high volume spraying to the point of run-off. Apply 2 to 3 times at 21- 28 day intervals depending on season and tree. For very early varieties a maximum spray interval of 21 days should be employed. Use the higher rate on vigorous rootstock and/or older crops. Do NOT use on pears.

MIXING: Add the required amount of **PROFICIENT** directly into the partly filled spray tank with agitation operating. Complete filling and maintain agitation until spraying is complete.

ADJUVANTS: Not normally required.

SPRAY WATER CONDITION: The spray solution must be mixed and used on the day of application. **PROFICIENT** performance is impaired in calcium rich (>100 mg Ca per litre water) spray solutions. In these situations the use of a suitable conditioning agent to bind the calcium, such as spray grade ammonium sulphate at 0.25%, is recommended.

APPLICATION WEATHER CONDITIONS: Application under slower drying conditions gives better results than under fast drying conditions, but do not apply if rainfall is likely within eight hours of application.

COMPATIBILITY: **PROFICIENT** can be tank mixed with most commonly used fungicides and insecticides. The label instructions for the tank mix partner take precedence ahead of the **PROFICIENT** instructions. Do NOT use a surfactant if the label of the partner product recommends not to. Do NOT mix **PROFICIENT** with calcium products or Solubor®. At least 3 days should separate a **PROFICIENT** application from any thinning, gibberellin, calcium or Solubor applications.

THINNING: In apples **PROFICIENT** may in some instances suppress natural fruit drop in spring. Careful attention to thinning requirements is recommended and suitable action taken.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

WITHHOLDING PERIOD:
Apples - Do not harvest fruit within 56 days of the last application.

Registered pursuant to the ACVM Act, 1997, No. P010178
See www.foodsafety.govt.nz for registration conditions.

Approved substance under the HSNO Act 1996, HSR101225
See www.epa.govt.nz for Controls.

NOTICE TO BUYER: This product must be used in accordance with the directions for use. Other than warranted by New Zealand consumer protection law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

Registered and distributed by:



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Solubor is a registered trademark of U.S Borax Inc.

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Batch No:

Date of Manufacture:

SCPR811/B02