

DANGER
KEEP OUT OF REACH OF CHILDREN

BAPSoL™ 1000

PLANT GROWTH REGULATOR

SECONDARY FRUITLET THINNER FOR PIPFRUIT AND
FRUIT SIZING AGENT FOR SOME APPLE VARIETIES.

grochem

Contains: 100g/L 6-Benzyladenine in the form of a soluble concentrate.

PROPER SHIPPING NAME:
Potassium Hydroxide Solution
UN No. 1814



NET CONTENTS
20L

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GCBAP100/0322



BAPSOL 100

PLEASE READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE

May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to terrestrial vertebrates.

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

STORAGE: Store in corrosive resistant container with a resistant inner line. Store locked up. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Keep only in original packaging. Do not store with class 5, Acids, Aluminium, Zinc, tin and foodstuffs. When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacturing (DOM). Contact your supplier for further information about the use of any product that is older than this.

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.

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS3409).

HANDLING: Wear protective gloves/protective clothing including eye/face protection and suitable respirator. Do not breathe dust, fume, mist, gas, vapours or spray. Wash face, hands and all exposed skin thoroughly after handling. Avoid release to the environment.

SPILLAGE: Contain and absorb spillage to prevent material damage. Rinse contaminated area with water and absorb rinsate. Collect and dispose of absorbent material in appropriate landfill.

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

FIRST AID: Immediately call a POISON CENTRE or doctor/physician. If medical advice is needed, have product container or label at hand.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (OR HAIR): Remove contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove to fresh air and keep at rest 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.

SAFETY DATA SHEET: A Safety Data Sheet (SDS) for BAPSoL 100 is available from www.grochem.com or Agrinova NZ Ltd on request.

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.

BAPSoL™ is the trademark of Agrinova NZ Limited.

Registered pursuant to the ACVM Act 1997, No. P8281. See www.foodsafety.govt.nz for registration conditions. Approved Pursuant to the HSNO Act 1996, Number HSR100827. See www.epa.govt.nz for approval conditions.

DIRECTIONS FOR USE:

BAPSoL 100 contains 6-Benzyladenine (BA) a plant growth regulator for use as a secondary fruitlet thinner of apples and pears. BAPSoL 100 also increases fruit size in some small fruiting apple cultivars.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.

CROP	RATE	TIMING (fruit size)
Apples	180ml/100L water	7–12mm
Pears	180ml/100L water	7–12mm

FRUIT THINNING:

Product Rate: Use 180ml/100L of water and apply in 1000L water/ha on mature trees (medium density central leader trees of 4.0m or taller). For younger or smaller trees reduce the spray volume and rate of product/ha, based on tree height and TRV (Tree Row Volume spraying see NZS8409:1999 The Management of Agrichemicals).

Application Timing: Application should be made in the best possible weather window when fruit size measured as an average of king fruit across the whole tree averages between 7–12mm.

FRUIT SIZING APPLES:

Varieties: Small fruit varieties such as Jazz and Royal Gala.

Timing: Apply first application at fruit set and then reapply every 10–14 days for a maximum of 6 applications.

Product Rate: 200ml/ha

- Application should not result in any significant fruit thinning and should not be considered as part of a fruit thinning programme.
- DO NOT apply with fruit thinning chemistry.
- May be applied with cover sprays and calcium nutrition applications.
- Increase in fruit size will not occur in blocks were fruit sizing is limited by other limiting factors such as nutrition, drought or disease.

APPLICATION:

- BAPSoL 100 needs to be applied evenly to fruit and foliage.
- Ensure BAPSoL 100 is well agitated in the tank, sprayer is well calibrated and all nozzles are clear and flowing properly.
- Nozzle selection and sprayer calibration is important to gain even coverage, large droplet size reduces potential for an even coverage and results in increased water requirements to gain even coverage, at low water rates fine nozzles such as TX (TX12 or less) should be used.
- Sprayer set-up should ensure the lower third of tree does not receive excessive application as re-deposition of spray applied to the upper tree may increase the thinning result in the lower tree.

Note: Water rates of less than 500L/ha are not recommended.

Wetting: BAPSoL 100 should not be applied in damp conditions, avoid high humidity and heavy dew, especially at application. Application under these conditions may result in increased russet in russet sensitive varieties. Application should be made to dry fruit and leaves in good drying conditions. Re-wetting can cause increased absorption and may result in over thinning.

Temperature: For the best results apply in a period of warm weather with the temperature on the day of application exceeding 15°C and temperatures on the days post application exceeding that on the day of application, at least in the range of 16–18°C. High temperatures (+28°C) may result in an excessive thinning response. Cloudy weather up to 30–40 days post application may also increase response.

WITHHOLDING PERIOD: Do not apply thinning treatments later than 30 days after full bloom. Fruit sizing – Do not apply after mid-January.