



Product Name: UpCell Plant Growth Regulator
APVMA Approval No: 82766/106711

Label Name:	UpCell Plant Growth Regulator
Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	19g/L Gibberellins A4 and A7 19g/L 6-Benzyladenine
Mode of Action:	
Statement of Claims:	Can improve fruit shape/typiness in apples. For thinning in apples when used in combination with a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator. For thinning of Red Delicious and Gala apples in combination with NAA. Also for promotion of lateral growth in Red Delicious apples and cherries, as per the Directions for Use table
Net Contents:	500mL 1L 2.5L 5L
Directions for Use:	
Withholding Periods:	NOT REQUIRED WHEN USED AS DIRECTED.
Trade Advice:	
General Instructions:	GENERAL INSTRUCTIONS : The term "improvement of fruit shape" generally refers to a longer apple or an increased length/diameter ratio. In certain varieties (i.e. Red Delicious) this is known as "typiness". DO NOT apply more than 1.5 L/ha of product when thinning Red Delicious apples.

	MIXING AND APPLICATION This liquid product mixes easily with water. For improvement of typiness and shape, and for thinning applications, best results are achieved using 900 to 1200 L/ha water (depending on tree size), together with a non-ionic wetter at the recommended rates. Add the required amount to clean spray tank about half filled with water. Agitate while bringing the total volume of the water to the required level. Use the spray solution within 24 hours after mixing. COMPATIBILITY The addition of a non-ionic wetting agent at recommended rates will enhance results. DO NOT use other pesticides until spray deposits are dry. DO NOT use another thinner unless recommended.
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Resistance Warning:	
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Protections:	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 plants/crops or pastures. DO NOT apply more than 1,800 L of spray solution per ha. DO NOT apply NAA after application of this product except as specifically directed. This product can act as a thinner. DO NOT apply a specific thinner until sure of fruit set following application of this product. If sprayed to run-off, fruit shape distortion, foliage damage and overshining may result. PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used containers.
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Storage and Disposal:	Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple-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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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 containers or product.
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Safety Directions:	Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing product for use wear cotton overalls button to the neck and wrist and washable hat, elbow-length PVC gloves and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat and elbow-length PVC gloves. If product in eyes, wash it out immediately with water. After use and before eating, drinking or
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	smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.
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First Aid Warnings:	
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DIRECTIONS FOR USE**RESTRAINT :** DO NOT apply if rain is likely within 6 hours.

DO NOT apply after rain until flower parts are free of droplets.

DO NOT apply when air temperature is less than 7°C or greater than 32°C.

DO NOT apply in combination with other growth regulators or pesticides.

DO NOT apply on trees that are stressed by disease or other factors.

CROP	USE	TIMING	RATE	CRITICAL COMMENTS
Apples	UPCELL alone : Use for improvement of fruit shape and increase in fruit size	Apply at 90% king bloom	125 mL /100 L water	Single application only. In regions or seasons where the bloom period may be extended, a split application is recommended.
		Apply first application at 50% king bloom and second application at 90% king bloom	65 mL /100 L water	Split application. Use in regions or seasons where the bloom period is extended.
	UPCELL followed by a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator : Use for fruitlet thinning, improvement of fruit shape, quality (flesh firmness and sugar levels) and increase in fruit size	UPCELL application Apply as split application with first spray at 50% king bloom and second spray at 90% king bloom 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator application Apply when king fruitlets are between 7 to 10 mm in diameter. This normally occurs 10 to 25 days after bloom	65 mL /100 L UPCELL applied as split application followed by a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator at 750 mL /100 L	An application of UPCELL followed by a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator enhances the results achieved by UPCELL or a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator alone. If using a 20g/L 6-benzyladenine (6-BA) Plant Growth Regulator in a thinning program, do NOT apply UPCELL after full bloom as this may cause pygmy fruit in some varieties.
Red Delicious and Gala Apples	UPCELL followed by NAA : Use for flower thinning	UPCELL application Apply as split application with first spray at 50% king bloom and second spray at 90% king bloom NAA application At full bloom apply NAA	65 mL /100 L water	UPCELL can be used in combination with NAA (3 mg/L).
Red Delicious Apples	Stimulation of lateral growth	Apply late October to early November	150 mL /10 L water	Apply to Red Delicious apple trees using a knapsack sprayer. Add non-ionic wetter at recommended rate. Thoroughly wet foliage on one year old wood in region of tree where laterals are required. NB: Most suitable for 2 to 3 year old trees
Cherries	Stimulation of lateral growth on non-bearing trees	Apply between budswell and budburst. Apply to trees just after planting or in young non-bearing trees in the following year – still at least one year before trees start to bear fruit	25 mL + 75 mL acrylic or latex paint	Apply by brush to buds and bark of one year old wood on vigorous trees

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

