



CyLex[®] Plus

A natural plant growth regulator which induces thinning and return bloom in apples and pears.

Marketed by:

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Registered to:

Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048 U.S.A.

Registered pursuant to the ACVM Act 1997 No. P8020
See www.nzfsa.govt.nz/acvm/ for registration conditions.

Approved pursuant to the HSNO Act 1996 Approval Code HSR007775
See www.ermanz.govt.nz/ for approval controls.

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Batch No.:

D.O.M.:

Net: 10 Litres

List No. 11815-43-01

04-6028/R2





Active Ingredient:

Contains 20g/litre 6-benzyladenine in the form of a soluble concentrate.

HAZARD CLASSIFICATION

9.1D

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

ECOTOXIC

- CyLex Plus shall not be applied directly onto or into water.
- Avoid contamination of any water supply with product or empty container.

HANDLING PRECAUTIONS

STORAGE

- Keep out of reach of children.
- Store in original container tightly closed and in a locked, dry, cool area, away from foodstuffs.
- Store in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 10,000 litres of CyLex Plus are subject to signage and secondary containment, and more than 10,000 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin and eyes.
- Wash hands and exposed skin before meals and after work.

EQUIPMENT

- Apply using accurately calibrated and well-maintained equipment.

DISPOSAL

- Triple rinse empty container and add rinsate to the spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an approved landfill.

FIRST AID: If swallowed, do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If spilt on skin, remove contaminated clothing and wash affected areas of skin. If concentrate is splashed in eyes, flush with running water for at least 15 minutes.

Spillage: Wear appropriate protective clothing. Absorb spills 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.

Mixing and Compatibility: Add the required amount of CyLex Plus to a clean spray tank half filled with water. Agitate while filling the tank to the required volume. Use the spray solution within 24 hours. Do not mix CyLex Plus with other pesticides, growth regulators or fertilisers.

Shelf Life: 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.

GENERAL INFORMATION

CyLex Plus is a secondary thinner designed for use on trees already treated at bloom with a primary thinner such as 1-naphthylacetic acid. The effectiveness of chemical thinning depends greatly on temperature, timing of application and tree vigour. Even and thorough coverage of the foliage and fruitlets is required. Approximately 80% of the spray volume should be directed into the upper two thirds of the tree or lower branches may be overthinned.

Rainfall within 6 hours of CyLex Plus application may reduce activity. After rain, delay application until the foliage and fruit are free of surface droplets.

Thinning response will normally be observed within 10-14 days of application.

The use of CyLex Plus as a thinning agent may result in increased fruit firmness, improved fruit size, encourages return bloom in the following season in apples and pears and may reduce the effects of biennial bearing in pears.

Spray on a day when the temperature is increasing to a predicted daily maximum of greater than 15°C. Temperatures over 15°C for the 2 days following application are considered important for good thinning. High temperatures (+28°C) over this period may result in excessive thinning. Application under cool, frosty or slow drying conditions may lead to poor thinning responses and possibly an increase in fruit russet incidence.

Prior to use of CyLex Plus, consideration should be made of the previous use of blossom thinners (use of blossom thinners and CyLex Plus may result in over thinning), flower density and pollination levels (poor pollination may result in high natural fruit drop).

DIRECTIONS FOR USE:

Crop	Crop Stage	Rate	Critical Comments
Apples	Apply when king fruitlets are between 7 and 12 mm in diameter.	Use 900 ml/100 litres water and apply 1000 litres water/ha on mature trees (medium density slender pyramid trees of 4.0 m 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). To improve the consistency and amount of thinning add Regulaid at 125 ml/100 litres water.
Pears	Apply after petal fall as soon as the weather is suitable, normally 10-25 days after full bloom.	Use 600-900 ml/100 litres of water and apply 1000 litres water/ha on mature trees.	Use the higher rates on harder to thin varieties. Use the lower rates on easier to thin varieties and on vigorous trees. In some seasons higher rates may increase russet on smooth skinned varieties. To improve the consistency and amount of thinning add Regulaid at 125 ml/100 litres water.

Withholding Period: Do not apply thinning treatments later than 30 days after full bloom.

CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded. When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

