

STORAGE AND DISPOSAL

Store in the closed original containers, in a cool well ventilated area away from children, animals, food and feedstuffs. DO NOT store for prolonged periods in 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.

SPILLAGE

In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or kitty litter. Dispose of waste as indicated below or according to Australian Standard AS2507 - Storage and Handling of Pesticides. DO NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for Farmalinx PACMAN Turf Growth Regulator is available from Farmalinx Pty Ltd on request. Call Customer Service on 02 9389 2455.

Causes skin irritation.
Wear protective gloves.
Take off contaminated clothing and wash it before reuse.

Causes serious eye irritation.
Wear eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Suspected of damaging fertility or the unborn child.
Do not handle until all safety precautions have been read and understood.
If exposed or concerned: Get medical advice/attention.

May cause damage to organs through prolonged or repeated exposure.
Do not breathe fumes/mist/vapours/spray.

CONDITIONS OF SALE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Farmalinx Pty Ltd or under abnormal conditions. Farmalinx Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX

Pacman

TURF GROWTH REGULATOR

ACTIVE CONSTITUENT: 200 g/L PACLOBUTRAZOL

*For the suppression of **Poa annua**
(Winter grass) and growth regulation
in turf.*

farmalinx *Partners in Agriculture*

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CONTENTS
2.5 L

**IN A TRANSPORT
EMERGENCY
DIAL 000**

POLICE OR FIRE BRIGADE

SPECIALIST ADVICE IN AN EMERGENCY ONLY

0417 653 654

ALL HOURS – AUSTRALIA WIDE



2.5L

Batch No.

Date of
Manufacture

APVMA Approval No.: 88674/123536



TURF GROWTH REGULATOR

**DIRECTIONS FOR USE
RESTRAINTS**

DO NOT apply when daytime temperatures are consistently above 32°C or when grasses are stressed from heat, cold or lack of moisture. DO NOT apply when soils are saturated (waterlogged) as fixing onto the soil will not occur and the product may move away from treated areas especially if heavy rainfall or irrigation follows application. DO NOT apply when turf has been thinned from disease or insect infestation or damaged from aeration or scarifying - wait until recovery has occurred. DO NOT apply to over-seeded areas until after establishment and then only use the lower rates until recovery has occurred. DO NOT scarify and top-dress greens whilst *Poa annua* is undergoing growth regulation.

Situation	Purpose	Rate	Critical Comments
Bent grass, ryegrass, Kentucky bluegrass, couch grass (not hybrid couch) turfgrass	<i>Poa annua</i> suppression and long term control	2.0 – 2.8 L/ha (20 – 28 mL/100 m ²)	Use the lower rate when the percentage of <i>Poa annua</i> in the turf is so high that the resultant yellowing and retardation would be too extensive to be acceptable. Otherwise use the higher rate. DO NOT apply more than 2 spring or 1 autumn applications. Continue normal cultural practices after application.
Bent grass, ryegrass, Kentucky bluegrass, couchgrass, <i>Poa annua</i> turfgrass	Growth regulation - decrease in vertical height, enhanced greening and quality	0.5 – 2 L/ha (5-20 mL/100 m ²)	Apply the 0.5 L/ha rate at 2-4 week intervals or the 1-2 L/ha rate at 4-8 week intervals. Use only the low rate (0.5 L/ha) on <i>Poa annua</i> . Continue normal cultural practices after application.

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

GENERAL INSTRUCTIONS

Farmalinx PACMAN Turf Growth Regulator is a suspension concentrate formulation for spray application after dilution with water. Apply to dry or wet turf and water-in immediately with 4-6 mm of sprinkler irrigation. The degree of *Poa annua* control will be influenced by application rate as well as the turf management practices, climate, soil type, grass variety and *Poa annua* biotype. Growth of *Poa annua* will be reduced 1-2 weeks after application. Higher application rates will cause *Poa annua* to discolour (yellow to brown) and stop or slow its growth allowing desirable turf species to dominate. Application 1-2 weeks prior to *Poa annua* seed-head emergence will reduce seed head visibility, but not formation. Repeat applications 4-8 weeks apart (depending on rate) are required where *Poa annua* content is high (See **Critical Comments for restrictions**).

Use in areas containing greater than 70% *Poa annua* will result in widespread discolouration of the fairway and green and may not appear acceptable to the user. Use of other cultural techniques are encouraged to lower the percentage of *Poa annua* below the 70% level. Over-seeding is recommended to hasten the conversion from *Poa annua* to more desirable grasses. To avoid stunting the growth of desirable seedlings, allow at least 14 days after treatment before over-seeding, and in newly over-seeded areas, make treatments at least 6 weeks after over-seeding. On new grass plantings delay application until after establishment. Delay planting grass seed until after heavy rain or watering and not sooner than 1 month after application.

MIXING

Add the required quantity of PACMAN to water in the spray tank and mix thoroughly.

APPLICATION

Apply PACMAN by boom sprayer fitted with flat fan nozzles and calibrated to apply sufficient spray mixture per hectare to cover the foliage well without causing run-off. Volumes between 400-800 L/ha are suitable. Even application is essential. Avoid double application at boom edges to maintain uniformity in turfgrass response. High pressures are not required and should not be used. Avoid drift onto non-target plants such as garden beds, shrubs and trees. Spray pressures of 150-200 kpa are sufficient.

COMPATIBILITY

PACMAN should not be used in conjunction with sterol inhibitor (SI) fungicides or with dimethylation inhibitor (DMI) fungicides. A seven (7) day window should separate fungicide applications and the use of PACMAN.

SURFACTANTS

PACMAN contains a surfactant and additional surfactant is not recommended.

RE-ENTRY PERIOD

Do not allow re-entry into treated areas until the spray has dried.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT.

DO NOT contaminate dams, streams, rivers or waterways with the product or used containers.