

The Cure For Your Poa

# PoaCure



## Your NEW weapon against an old enemy

- Slow acting for a smooth transition of fine surfaces
- Long residual
- Safe on cool and warm season grasses
- Works on all biotypes of Poa
- Works on resistant varieties
- Works in all differing climates
- New mode of action

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The Cure For Your Poa

# PoaCure

Wintergrass is one of the most difficult weeds to control due to its adaptable nature in Australia. It has been an issue in turf management for as long as anyone can remember and has been documented over 100 years ago by the USGA.

PoaCure is a revolutionary herbicide to control wintergrass (Poa) in recreational turf. PoaCure contains the active ingredient Methiozolin that has a mode of action and is unlike any other herbicide before it. (It is still unclassified). PoaCure is slow acting, long lasting and is able to reduce and eliminate wintergrass from your turf without disrupting your surface. PoaCure not only works on Poa annua, but also on all biotypes of Poa commonly found in Australia that have been difficult to control.

PoaCure can be used on all types of cool (except chewing fescue and brown top bent) and warm season grass surfaces including:

- Golf & bowling greens,
- Fairways,
- Surrounds & Approaches
- Tees,
- Sportsfields
- Turf farms
- Racetracks etc

**154 Days after Initial treatment**



**308 Days after Initial treatment**



**Please Visit Our Dedicated PoaCure website for more information or see one of our agents**

**[www.poacure.com.au](http://www.poacure.com.au)**



**Est. 1940**



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Moghu Research Center



# PoaCure At A Glance

**Product Type:**

Herbicide

**Resistance group:**

Group Z Herbicide  
(Unspecified)

**Pack Size:**

500mL (20 x 500mL per carton)

**Active Constituent:**

240g/L Methiozolin

**Formulation:**

Emulsifiable concentrate

CROP and SITUATION	PEST	RATE	CRITICAL COMMENTS
Putting greens Bowling greens Fairways and Tees and surrounding areas. Playing fields	Winter grass ( <i>Poa annua</i> )	20-40 mL/100m <sup>2</sup>	Apply up to 4 applications at 2-3 week intervals. Application is best made during autumn or spring when turf is actively growing. Apply using backpack or ground boom sprayer. Irrigate with approximately 10mm of water immediately following application (as methiozolin is absorbed by grass roots), ensuring no runoff occurs from the turf surface. NOTE: Some phytotoxicity and/or decrease in turf quality may occur when applied repeatedly at a high rate, particularly in sensitive species such as Creeping Red Fescue ( <i>Festuca rubra</i> ) and Colonial Bentgrass ( <i>Agrostis capillaris</i> [=tenuis]). If this occurs, avoid reapplying until turf quality has fully recovered.
<p><b>NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION</b></p> <p><b>DO NOT GRAZE TREATED TURF OR LAWN, OR FEED TURF OR LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK.</b></p>			

**PoaCure killing poa not controlled by ALS Inhibitor herbicides**

**Features of PoaCure**

- Slow acting for a smooth transition of fine surfaces
- Long residual
- Safe on all surfaces\*
- Works on all biotypes of Poa
- Works on resistant varieties
- Works in all differing climates



# PoaCure Spay Application Timings

Below is a guide in timing applications to start and cease PoaCure during the year. Specific programs on timings and applications will be need to be discussed between Campbell Chemicals, the agent and the Turf manager to obtain optimum results as micro-climates can play apart as well as climatic conditions changing year to year.

PoaCure applications when to start and cease applications. All timings are based on minimum 4 applications regardless of rate chosen.				
Area/Climatic areas	Golf & Bowling Greens (cool season)	Golf Fairways & Sportsfields (warm season)	Golf Fairways & Sportsfields (cool season)	Golf & Bowling Greens (couch)
<b>NSW</b>				
Sydney Coastal Central Coast Newcastle	Autumn March- June  Spring August-November	May-September	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
Western Sydney	Autumn Late March- June  Spring Mid August-November	May-September		May-September
Mid North Coast	April-October	May-September	May-August	May-September
South Coast	Autumn March-May  Spring September-November	May-September	May-September	
Regional NSW inc Hunter region	Contact CCC as climate can greatly differ in areas	March-October	March-October	May-September
<b>ACT</b>				
Canberra	Autumn March- May  Spring September-November	May-October	Generally similar timings to cool season turf greens However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
<b>Victoria</b>				
Melbourne Metro	Autumn Mid March- May  Spring August (if bent starting to grow consistently) September-November	March-October	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September

Please note this is a rough guide and individual conditions will have to be taken into account  
Nitrogen applications are paramount for a successful transition

# PoaCure Spay Application Timings

Area/Climatic areas	Golf & Bowling Greens (cool season)	Golf Fairways & Sportsfields (warm season)	Golf Fairways & Sportsfields (cool season)	Golf & Bowling Greens (couch)
Regional Vic - Ballarat	<b>Autumn</b> February- April  <b>Spring</b> September-December	March-October	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
Regional - Murray Area	<b>Autumn</b> Mid March-May  <b>Spring</b> September-November	March-October	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
South Australia	<b>Autumn</b> Mid March-May  <b>Spring</b> September-November	March-October	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
<b>WA</b>				
Perth and south	Mid April- October	April-October	Generally similar timings to cool season turf greens. However is will vary talk to CCC for individual needs as seeding timings need to be taken into account.	May-September
<b>TAS</b>				
Tasmania	<b>Autumn</b> February- April  <b>Spring</b> September-March (if bent starting to grow consistently)	n/a	October-March	n/a
<b>QLD</b>				
SE QLD	May-August	May-August	May-August	May-August

to determine best timings and course of action. If your areas is not mentioned please contact CCC. throughout the PoaCure program and is to be applied separately to PoaCure.

# PoaCure Frequently Asked Questions

## How do I buy PoaCure?

Purchasing PoaCure is very different to the rest of our product range.

We will be selling PoaCure through our agents similar to "prescription medicine".

## What is the purchase process for PoaCure?

- Initially fill out form on [PoaCure.com.au](http://PoaCure.com.au) website or talk to one of our distributors.
- A discussion between Campbells, Distributor and Turf Manager will be made on the goals and course of action.
- The aim is to start slowly as we will work with you to increase your treated area over time. At most, 1-2 bottles (approx 500m<sup>2</sup>-1000m<sup>2</sup> coverage) as a program).
- If you decide to purchase you will only get what is agreed upon.
- Keep in communication over the time period. We may need to adjust rates and/or timings.
- As you get comfortable with the product and see what PoaCure can do for you we are keen to discuss a broader use -however we will continue discussions between CCC, Distributor and turf manager.

## Can I still use my PGRs when using PoaCure

Only Trinexepac-ethyl (Shadow Ultra) [link here](#). We recommend ceasing Paclobutrazol (Paclo 200SC) and Ethephon at least 2 weeks before PoaCure program starts and wait until 4 weeks after PoaCure applications have ceased.

## Can I use PoaCure all Year round?

We recommend PoaCure to be used in Autumn and Spring time mainly for best results. We DO NOT recommend PoaCure to be used in summer.

## Can I use PoaCure if I have a lot of Poa in my greens

Simple answer YES. PoaCure has been successful in eliminating Poa from areas with over 50%infestation. However a careful management plan is needed here, as you will need to allow your bentgrass to cover over the dead patches.

## Does PoaCure control all types of Poa

Essentially yes PoaCure will control annua and other biotypes. However, responses within biotypes can differ.

## Safety aspects on turf?

One big advantage of PoaCure is the safety aspects across a wide variety of turf species with the exception of:

- Creeping Red Fescue
- Colonial bentgrass

## Does frost effect PoaCure

No. However if heavy frosts and no growth is occurring we do not recommend any applications due to the increase bare areas after the poa has died

## Are there any cautions I need to know?

Even though PoaCure is very safe and effective for controlling Poa, with any herbicide issues can arise. This is one reason we have implemented this process for the purchase of PoaCure.

# **We have a dedicated PoaCure website Visit [www.pocure.com.au](http://www.pocure.com.au)**

## **How extensively has PoaCure been tested in Australia.**

Moghu Research conducted over 15 replicated independent trials for registration purposes across NSW, Victoria, South Australia and Western Australia on various turf species.

## **What is the story behind PoaCure?**

PoaCure (Active Ingredient: Methiozolin) was discovered and developed by Moghu Research Center Ltd., Based in South Korea. Dr. Suk-Jin Koo founded Moghu Research Center in 2007 and developed PoaCure for poa control in recreational turf. PoaCure in Australia has been under development and extensively tested since 2012. It was first registered in South Korea in 2010.

## **How come I heard about PoaCure before but never saw it available?**

PoaCure was granted a research permit in Australia in 2012 which has been current up until registration was granted. Only certain turf facilities were on the permit and could trial the product under guidance from Colin Campbell (Chemicals). It has been fully registered in 2020.

## **Where can I find trial work data outside of Australia**

PoaCure.com Many world leading universities with reputable turf programs have tested PoaCure. For example, Auburn University, University of Tennessee, Penn State, North Carolina University, Virginia Tech and UC Riverside are among the many facilities to conduct comprehensive testing with PoaCure.

## **Where is PoaCure made and has it been used elsewhere.**

PoaCure is made in South Korea. PoaCure is registered in USA. South Korea, Japan and Australia at the moment. Please talk to Moghu Research for other countries outside Australia and New Zealand.





**Aim of trial (autumn applied):** To determine if PoaCure can convert a high % poa surface back to bentgrass.

**Treatments:**

- 1L /ha fortnightly 2 weeks apart 8 applications (not labeled)
- 2L/ha monthly 4 applications
- 4L/ ha monthly 4 applications

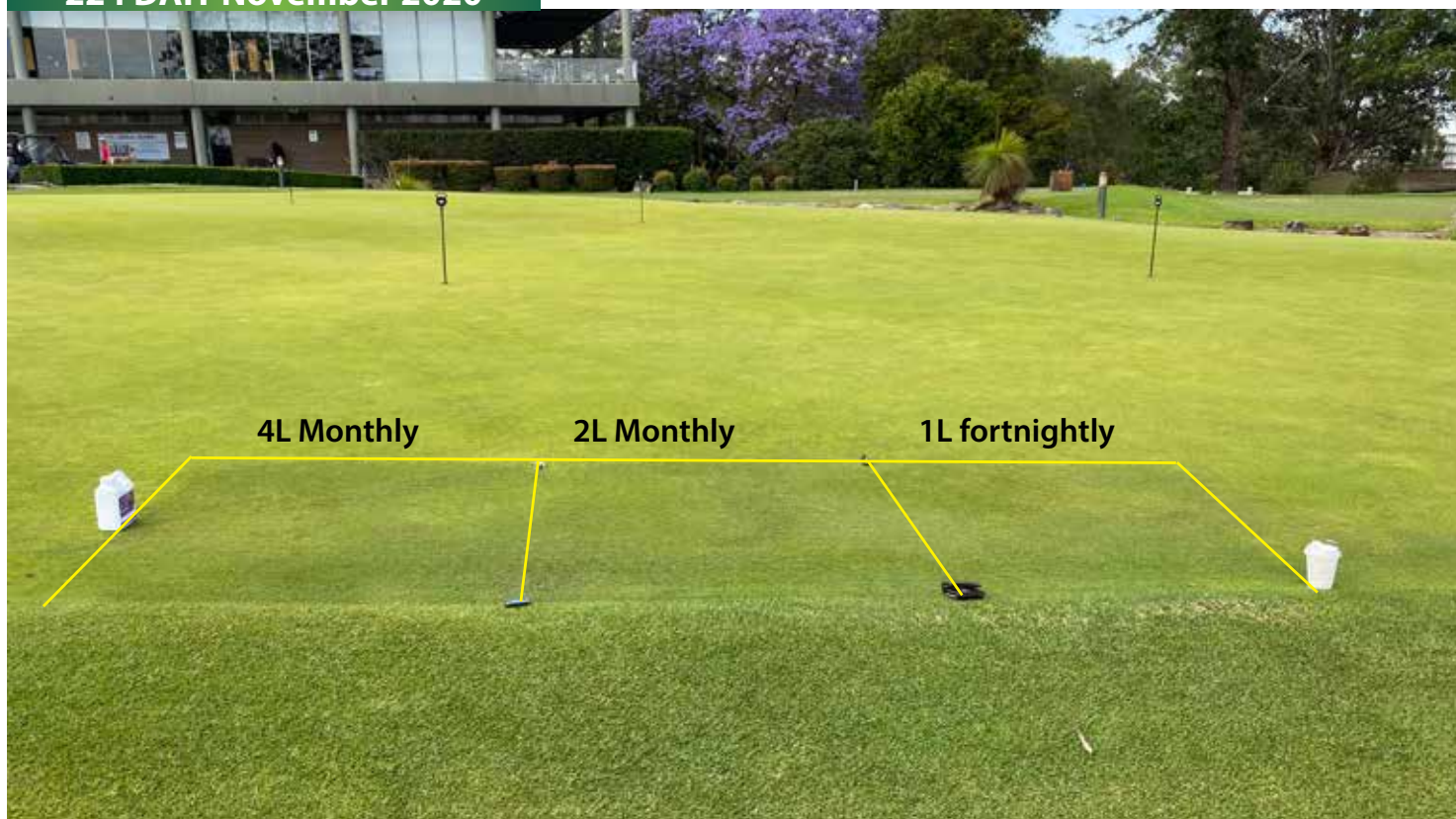
**Conclusion:** PoaCure converted the area back to bentgrass quicker than anticipated without any damage to bent grass or surface disruption to golfers. Long term results also show PoaCure has been able to reduce any poa coming back in the plots. Note normal poa management practices were kept on these areas and no additional poa products were applied. Only PGR used was Trinexepac.



**Start April 2020  
75DAIT June 2020**

**DAIT = days after  
initial treatment**

**224 DAIT November 2020**





# PoaCure Permit Trials

301 DAIT January 2021



358 DAIT March 2021





**Aim of trial (autumn applied):** PoaCure sportsfield (couch) history of resistant poa.

**Treatments:**

- 4L/ ha monthly 2 applications

**Conclusion:** Full long term result not know. Pictures were in May (top) and June (bottom) 2021. Applications were April 4L/ha and May 4L/ha 30 days apart





**Aim of trial (autumn applied):** To determine if PoaCure is effective on large poa plants. Other products have not been successfully in controlling existing poa

**Rate:** 40mL per 100m<sup>2</sup> 4 applications 2 weeks apart.

**Conclusion:** PoaCure controlled the initial poa that was in the plot. New poa emerged after 121 days 4 months after the trial had started. The untreated poa was still very strong and the pressure around the treated plot is very high.



**7 Days after Initial treatment**

You can see  
PoaCure has  
started to kill all  
poa in the plot  
(right picture)



**29 Days after Initial treatment**



**52 Days after Initial treatment**



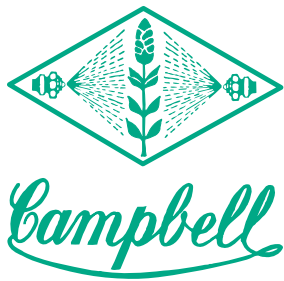
**105 Days after Initial treatment**

You can see PoaCure  
has killed all poa in the  
plot (left picture). New  
poa has emerged after  
121 days. No other  
treatments have been  
applied. Note the health  
of the untreated poa.



**121 Days after Initial treatment**





**PROUDLY AUSTRALIAN OWNED &  
OPERATED CELEBRATING OUR 80<sup>TH</sup>  
YEAR IN 2020.**



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# **Colin Campbell(Chemicals) Pty Ltd**

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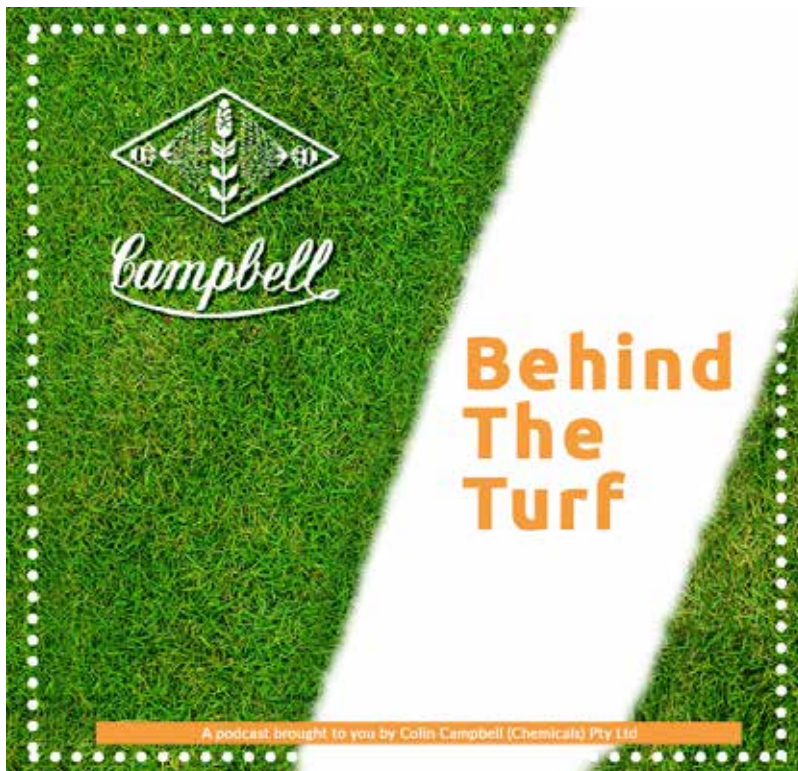


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