

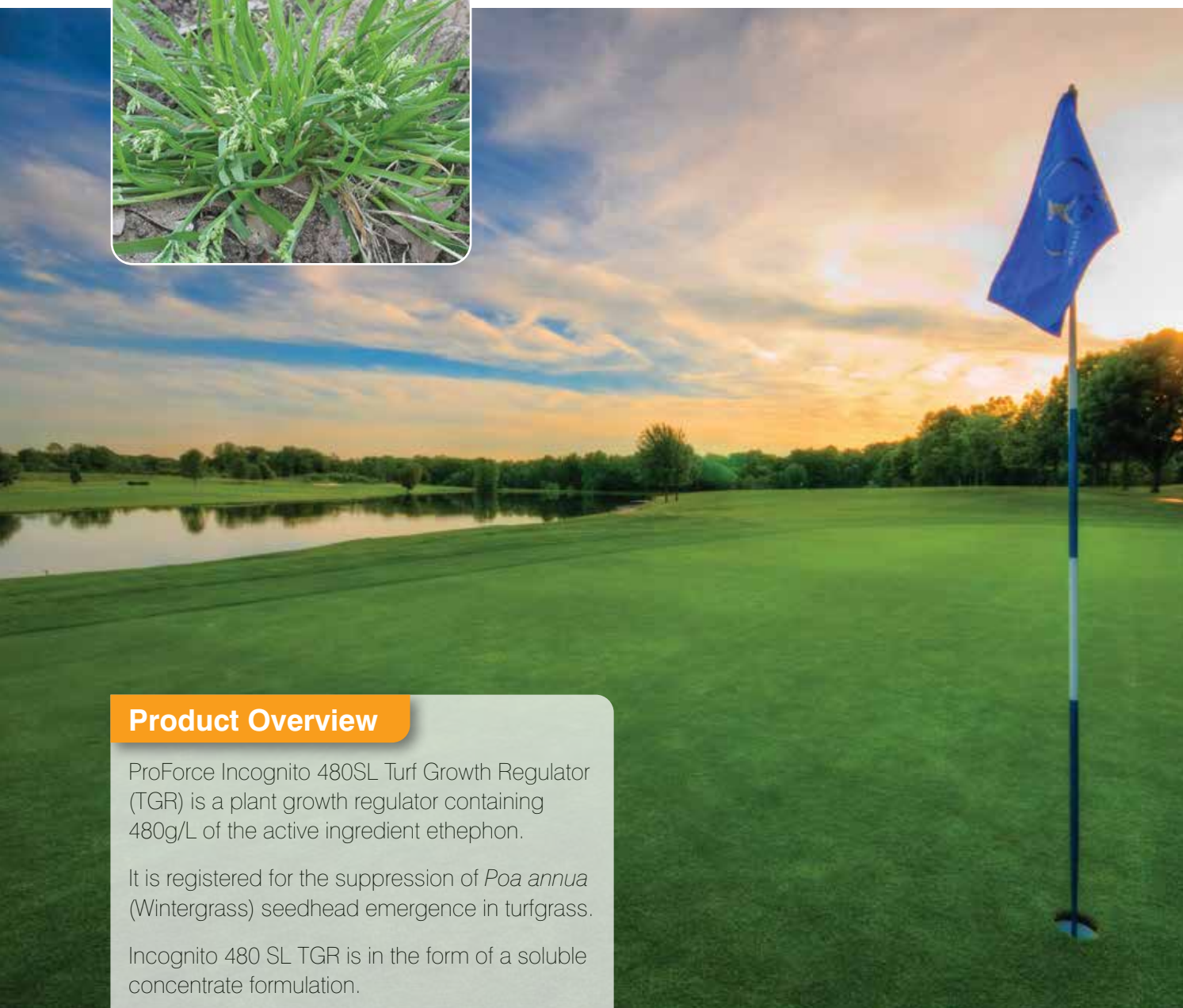


Incognito 480SL

Turf Growth Regulator

Plant Growth Regulator for Poa annua

seedhead emergence in golf greens



Product Overview

ProForce Incognito 480SL Turf Growth Regulator (TGR) is a plant growth regulator containing 480g/L of the active ingredient ethephon.

It is registered for the suppression of *Poa annua* (Wintergrass) seedhead emergence in turfgrass.

Incognito 480 SL TGR is in the form of a soluble concentrate formulation.



Incognito 480SL

Turf Growth Regulator

Formulated in Australia



ProForce Incognito 480SL TGR – Use Rates & Label Recommendations

SITUATION	RATE	COMMENTS
Wintergrass seedhead emergence	7-10 L in 400-500L water per hectare	<p>Make initial application prior to the emergence of new seedheads in Spring and Autumn. A period of 2-3 weeks after application is required for maximum seed head suppression performance.</p> <p>Repeat applications are required at 14-21 day intervals.</p> <p>Tank Mixtures of Incognito 480SL TGR and Primo Maxx or equivalent at 400mL/ha can be used to promote seedhead suppression as well as turfgrass quality.</p> <p>Application of this mixture during frost periods may cause temporary turf discolouration.</p>

Key Features

- > Effective suppression of *Poa annua* (Wintergrass) seedhead emergence.
- > Provides an effective tool to shift the population dynamics in favour of the desirable turf species.
- > Prevents newly viable seed from forming, reducing further seed bank accumulation.
- > Improves playability characteristics of sportsturf surfaces.
- > Improves aesthetic appearance of golf greens.
- > Can be used in a combined approach with trinexapac ethyl and paclobutrazol to better manage *Poa annua* populations.
- > Manufactured and developed in Australia for local conditions.

Mode of Action

Ethephon, the active ingredient in Incognito 480SL TGR, breaks down to ethylene within both Wintergrass (*Poa annua*) and other cool season turfgrasses.

As daylength increases in late winter / early spring, Wintergrass undergoes a reproductive phase in its lifecycle, where seedhead formation initiates, emerges, becomes viable and disseminates.

The start of the reproductive phase, is called the 'boot stage'. The boot stage occurs within the *Poa annua* plant, when ethylene levels reduce during this late winter, early spring period.

Incognito 480SL TGR once applied and within the plant, breaks down to ethylene as already established. Increased levels of ethylene within the plant are now artificially higher than that is normal for this time in the season.

This results in the Wintergrass plant being tricked into delaying or preventing the initial boot stage activities. As a result, *Poa annua* seedhead emergence is limited and the negative impacts that the *Poa annua* plant can provide (poor ball roll and reduced aesthetic appearance) become less problematic.

Maximising performance

- > Half fill the spray tank with water, add the required amount of product, then the remainder of water and mix well. Don't use alkaline water.
- > Apply Incognito 480SL TGR at least 21 days ahead of expected seedhead emergence for best results.
- > Repeat applications will keep ethylene levels sufficiently high to prevent the risk of emergence for an entire season. Avoid applications within 14 days of the previous application.
- > An application of Incognito 480SL TGR slows the growth of turfgrasses. It is important to note that recovery from wear and damage may be slowed following or during ethephon applications and programs.
- > Avoid treating turf with poor root systems or growing under stress due to poor soil conditions, drought, disease or insect damage.
- > Don't mix Incognito 480SL TGR with Ammonium Thiosulphate. Such tank mixtures may result in formation of toxic fumes.
- > Avoid use of Incognito 480SL TGR in areas where excessive thatch has accumulated.
- > Wintergrass growth rate and biotype will influence the longevity that can be achieved with an application of Incognito 480SL TGR.
- > Avoid using Incognito 480SL TGR through any type of irrigation system.
- > Don't exceed a maximum total application volume of Incognito 480SL TGR totalling 42L/ha per year.
- > Public and worker access to treated areas should be avoided for 4 hours following application. If workers need to access the area within 4 hours of application, they must wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.
- > Do not graze treated turf or feed lawn clippings from any treated area to poultry or livestock.

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