



## What are we treating...

Bowling green keepers, golf superintendents and grounds curators are responsible for the health and maintenance of turf from soil borne pathogens, nematodes, weeds, and subterranean insect pests. They have very limited choice of a broad-spectrum chemical to protect from target pest organisms as well complement with nutrient benefits for healthy growth.

## Protection Matters

Ground pearl has been a nemesis for Australian turf managers due to their subterranean habits, overwintering adults and the insects waxy outer covering protect them from available control methods. The ground pearl nymph attacks the roots of the turf grass which causes it to lose its vigor, turn brown and die. Once established in a bowling green or sporting fields they remain problematic every year. Currently, there are no management strategies known to combat this pest. No effective biological agent is available, and no chemical is registered to control ground pearl.

## Performance Gains

EDN™ is a broad-spectrum fumigant which is very effective on a range of weeds, soil borne pathogen, nematodes and insect pests. In addition, the break down products provide fertilizer benefit. Unlike liquid pesticide, EDN is a gas hence it can move through deep in well prepared soil and could possibly permeate through the waxy cuticle of the insect and kill the overwintering ground pearl and its immature stages found in the soil.

## Benefits at a Glance...

- Viable alternative to ozone-depleting methyl bromide
- Drop-in replacement for methyl bromide and other currently available fumigants
- Pre-plant solution to manage risks and protect investments
- Low environmental impact
- Ease of use with dedicated, innovative dispensing solution
- Shorter plant-back period than currently available fumigants for easier planning and greater productivity
- Backed by our extensive consulting, installation, safety training and support services

## Engadine Bowling Club

*"The fact that there is no product that is registered for ground pearl control, I was looking forward to using EDN™ to see what results could be achieved. The first trial saw excellent results, which led us to the expanded site and once again it appears to be an excellent result with all ground pearls appearing dead even with them in a dormant state. We look forward to using the EDN™ on the green next season"*

- Matthew Keough



## Efficacy & Dose Rates

### Commodities

Turfgrass -  
Bowling greens  
Golf courses  
Sporting field

### Target Pests & Concerns

Pink Ground Pearl (*Eumargarodes laingi*)  
White Ground Pearl (*Promargarodes australis*)  
Parasitic Nematodes (Sting *Ibipora lolii*, Stubby *Paratrichodorus sp*, Root-knot *Meloidogyne sp*, etc)

### Dose Rate

Please contact Draslovka Services Group for dose rate requirements.

## Safety Benefits

EDN™ has a very favorable toxicological profile compared to that of other fumigants. EDN™ is only hazardous via inhalation, meaning that simple use of an air-purifying respirator with an approved filter is sufficient to protect the user. EDN™ does not bioaccumulate, and in low doses the human body can process the substance without long-term effects.

## Application Methods

EDN™ is applied to the bowling greens via the Cold Gassing method where the EDN™ is directly injected over the area under a layer of Totally Impermeable Film (TIF Film).

This targeted application method allows the user to apply the product exactly where it is needed to control unwanted organisms.

## Environmental Benefits

EDN™ is a non-ozone depleting substance with an extremely short breakdown time compared with other fumigants – this short breakdown time means it cannot accumulate in the atmosphere and cause irreversible harm to the environment.

## Product Stewardship & Training

At Draslovka Services Group, safety is our top priority. In order to help protect you and our local community, the supply, transport and use of sensitive chemicals is strictly controlled.

To comply with this our customers are required to complete the Draslovka Services Product Stewardship Program before sensitive chemicals can be purchased. The Product Stewardship Program is conducted online or face-to-face, and consists of both theoretical and practical training.

## Comparative Products

	EDN™	BASAMID™	1,3-Dichloropropene
Weeds	✓	✓	✗
Pathogens	✓	✓	✗
Nematodes	✓	✓	✓
Ground Pearls	✓	✗	✗
Physical State	GAS	SOLID	LIQUID
Application Methods	Cold Gassing	Granular Spreader	Shank Injection
Efficacy in general	HIGH	LOW	MEDIUM
Environmental Impact	LOW	LOW	LOW
Safety Risk	MEDIUM	LOW	MEDIUM
Min Application Temp.	5 deg. Celsius	10 deg. Celsius	10 deg. Celsius

## Draslovka Services Group

Established in 2015, the Draslovka Services Group is a group of companies tasked with providing global trial support, application and product development consulting, as well as registration and business development support for suppliers, distributors, and customers. The Draslovka Services Group HQ is strategically based in Melbourne, Australia to ensure real time support – and in conjunction with consolidated entities can provide 24-hour global coverage for the support of the entire Draslovka product portfolio. The Draslovka Services Group directly fills a gap in industry between the manufacturer and the end-user, enabling a direct link to ensure seamless custom application development and commercial support.

### Draslovka Services Group

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