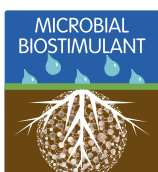




## SPECIALITIES

# Activate-R

A specially formulated **biostimulant** that increases rooting and plant health, resulting in a vigorous sward

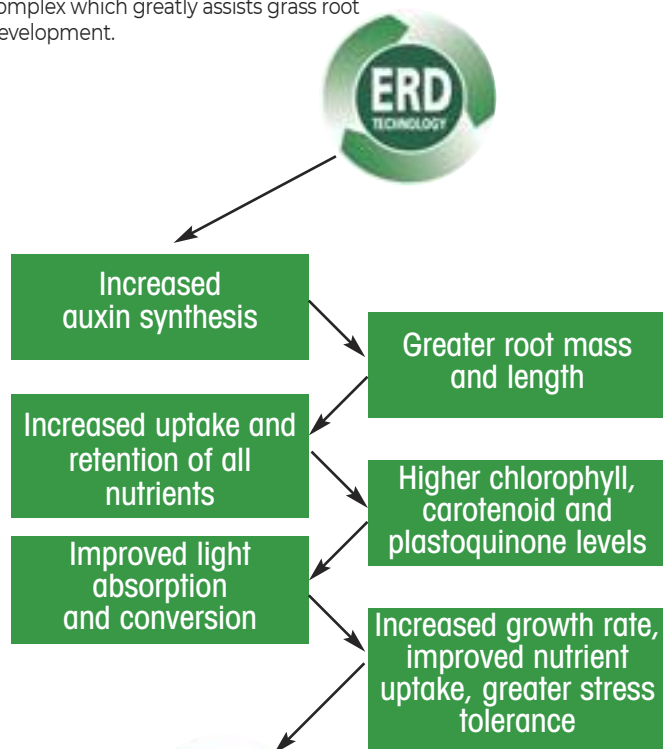


## WHY ACTIVATE R

- › Contains ERD which improves root development
- › Contains Humic Acids, which improve rooting depth and rejuvenates soil structure
- › Contains plant growth hormones that improve root and shoot development
- › Improves nutrient retention in the rootzone
- › Increases plant health, rooting, seed germination and establishment
- › Contains a wide range of chelated trace elements improving turf colour and health
- › Increases winter shoot density

### How Activate R + ERD works

Enhanced Root Developer (ERD) is a synergistic complex which greatly assists grass root development.



The overall effects of the ERD complex on the plant biochemical activities are an increase in root mass and vigour, enabling the plant to improve nutrient uptake and have a greater tolerance to stress



### Product Detail

Contains: Humic acid, growth promoting hormones, trace elements and a soil penetrant

Pack size: 5 litres

Pack coverage: 5,000 m<sup>2</sup>

RT order code: 0422613/05

APPLICATION RATES				
Area of use	Activate R	Water Volume	Area	
Golf greens, golf tees	0.5 litres	Min. 25 litres	500m <sup>2</sup>	
Bowling greens	1.5 litres	Min. 75 litres	1,500m <sup>2</sup>	
Golf fairways, sportsfields	10 litres	Min. 500 litres	1 ha	

RECOMMENDED PERIOD OF USE											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Use plant protection products safely. Always read the label and product information before use



## Humic Acid Improves rooting depth and rejuvenate soil structure

These are a group of compounds created by the degradation of organic matter and are a portion of nature's biological processes. Those in **Activate R** are sourced from Leonardite (Potassium Humate), one of the most active sources of available Humic Acid.

Humic Acid increases nutrient retention in all soils but is especially important on USGA or high sand sports turf constructions where nutrient exchange sites are low. Due to the Potassium source and its very high CEC, **Activate R** helps to fix Potassium in the soil, making it available for plant uptake especially during the winter.

Combined with the soil penetrant, Humic Acid restructures the soil by altering/rearranging the soil platelets making the soil more friable, increasing air spaces and increasing water penetration. Humic Acid has a high Carbon content which slowly decomposes into carbon molecules providing a slow release microbial food source.

## Growth Promoting Hormones Improves root and shoot development

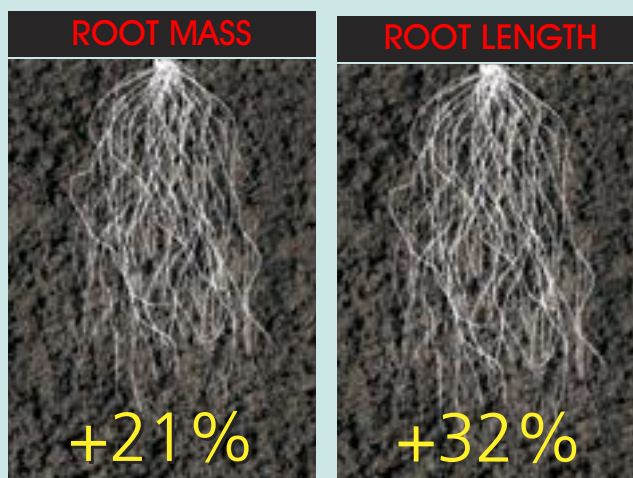
The cold water enzymatic, extracted plant growth hormones and betaines help the plant with increased rooting and vigour. These growth promoting hormones, combined with the simple plant sugars, improve seed germination and establishment. The unique low temperature granulation process ensures none of these vital ingredients are destroyed during the manufacturing process.

## Micro-Nutrients Improve colour and health

**Activate R** contains a micro-nutrient (trace element) package including Magnesium, Copper, Boron, Manganese, Molybdenum and Zinc. All the micro-nutrients contained are EDTA chelated for maximum plant uptake.

## Soil Penetrant For greater efficiency

This ensures that the vital ingredients are moved into the rootzone where they are used most effectively.



# Activate-R Granules

All the attributes of Activate R liquid in a granular form.



### Product Detail

Contains: Humic acid, growth promoting hormones, trace elements and a soil penetrant

Pack size: 20kg

Pack coverage: 1,000 m<sup>2</sup>

RT order code: 0422612/020

APPLICATION RATES									
Area of use	Activate R Granules	Area							
Golf greens, golf tees	10kg	500m <sup>2</sup>							
Bowling greens	30kg	1,500m <sup>2</sup>							
Golf fairways, sportsfields	200kg	1 ha							

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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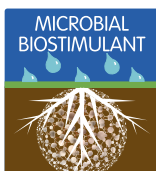




## SPECIALITIES

# Activate-XL

A specially developed **microbial biostimulant** that boosts microbial populations, increases rooting and plant health and helps to degrade thatch even in cold temperatures



## WHY ACTIVATE-XL

- Simple plant sugars provide carbohydrates which increase microbial growth and activity resulting in an immediate energy source
- Plant growth hormones and trace elements improve root and shoot development
- Increases plant health, rooting, seed germination and establishment
- Advanced cold temperature enzyme system helps degrade thatch
- Improves water-holding capacity of the soil and drought tolerance



Plant growth hormones and a wide range of micro-nutrients improve root and shoot development



### Product Detail

Contains: Plant sugars, growth promoting hormones, cellulytic enzymes, trace elements and a soil penetrant

Pack size: 5 litres

Pack coverage: 5,000 m<sup>2</sup>

RT order code: 0422620/05

#### APPLICATION RATES

Area of use	Activate XL	Water Volume	Area
Golf greens, golf tees	0.5 litres	15-25 litres	500m <sup>2</sup>
Bowling greens	1.5 litres	45-75 litres	1,500m <sup>2</sup>
Golf fairways, sportsfields	10 litres	300-500 litres	1 ha

#### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Use plant protection products safely. Always read the label and product information before use



## Simple Plant Sugars increase microbial activity and summer stress tolerance

The simple plant sugars in Activate-XL provide soil microbes with a readily available food source, rapidly increasing their population and activity. After an application of Activate-XL the plant roots exude carbohydrates. This provides an energy source for the mycorrhizal fungi and rhizosphere bacteria that live in a close, mutually beneficial relationship with the plant. In exchange for an energy supply the mycorrhizal fungi provide the plant with a supply of nitrate and phosphate. This symbiotic relationship is essential for a healthy sward. The plant sugars are rapidly absorbed and assimilated by the plant cells providing an immediate energy source.

## Growth Promoting Hormones Improved root and shoot development

The cold-water enzymatic extracted plant growth hormones and betaines in Activate-XL help increase rooting and vigour. These hormones, combined with the simple plant sugars, help to improve seed establishment.

## Trace Elements Improve colour and health

Activate-XL contains a micro-nutrient (trace element) package including Magnesium, Copper, Boron, Manganese, Molybdenum and Zinc. All the micro-nutrients contained are EDTA chelated for maximum plant uptake.

## Soil Penetrant For greater efficiency

The soil penetrant package in Activate-XL ensures that the vital ingredients are moved into the rootzone where they are used most effectively.

## Cellulytic Enzymes For Thatch reduction

Activate-XL contains an enzyme system that is designed to help in degrading thatch in conjunction with mechanical aeration and thatch removal. These cellulytic enzymes attack cellulose and hemi-cellulose, which are the structural components of thatch. The new enzyme system is now active under lower soil temperatures.

Trials through spring to late autumn over 2 seasons have shown that in combination with aeration Activate-XL can improve thatch reduction by over 34% above aeration alone



# Activate-XL Granules

All the attributes of Activate-XL liquid in a granular form.



## Product Detail

Contains: Plant sugars, growth promoting hormones, trace elements, cellulytic enzymes and soil penetrant on a lignite base granule

Pack size: 20kg

Pack coverage: 1,000 m<sup>2</sup>

RT order code: 0422614/020

### APPLICATION RATES

Area of use	Activate XL Granules	Area
Golf greens, golf tees	10kg	500m <sup>2</sup>
Bowling greens	30kg	1,500m <sup>2</sup>
Golf fairways, sportsfields	200kg	1 ha

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Use plant protection products safely. Always read the label and product information before use







## SPECIALITIES

# Humivate

A natural **humic soil conditioner** based on humic and fulvic acids, soluble in water from Leonardite, in liquid form



## WHY HUMIVATE

- » Enhances soil/sand aeration and reduces soil compaction (USGA type constructions)
- » Increased water retention capacity, giving an efficient response to hydric stress
- » Formation and development of improved root system
- » Improves the fertility of soil/sand rootzones
- » Improves soil characteristics: structure - nutrient uptake - microbial life
- » Reduces nutrient leaching

## How Humivate works

Humivate improves and transforms the rootzone by facilitating the availability and assimilation of nutrients by the grass plant, improving the physical, chemical and biological characteristics of the soil. This natural, carbon rich material provides energy for both the plant and the biosphere in the rootzone, enhancing the efficiency of nutrients that can be liberated and used by the turf, together with better CEC (nutrient retention in the soil).



## Humic Soil Conditioners

Humic substances are effective chelators of nutrients and improving soil structures. They are formed through chemical and biological decomposition of plant and animal matter. Their main fraction are Humic and Fulvic acids, usually derived from materials such as Leonardite (soft brown version of coal).

### Benefits of Humic Materials

#### Physical Benefits

- » Improve soil structure and reduce high water and nutrient loss in light sandy soils (USGA type constructions).
- » In heavier soils improves structure leading to better air/moisture balance

#### Chemical Benefits

- » Regulate and neutralise extreme pH values
- » Improve and optimise water and nutrient uptake
- » Reduce the availability of toxic substance in soil

#### Biological Benefits

- » Stimulates plant enzymes and proliferation of desirable micro-organisms
- » Enhances plants natural resistance against disease
- » Promotes the development of chlorophyll, and plant sugars
- » Stimulates plant growth (higher biomass production) by accelerating cell division, increasing the development on root systems.

#### Buffering Benefits

- » Acidic Soils: Neutralize acidic soils; where acid-caused stress for the plant root is reduced.
- » Alkaline Soils: Humic Acids buffer the high pH and convert nutrients and trace elements into plant receptive forms. Phosphate bound by Calcium is re-solubilised and made available.



### Product Detail

Contains: Total Humic Extract 15% w/w  
Humic Acids 12%w/w  
Fulvic Acids 3%w/w

Pack size: 10 litres

Pack coverage: 1-2 ha

RT order code: 0112871/010

APPLICATION RATES			
Area of use	Humivate	Water Volume	Area
Golf greens, golf tees	0.5-1 litre	Min. 25 litres	500m <sup>2</sup>
Bowling greens	1.5-3 litres	Min. 75 litres	1,500m <sup>2</sup>
Fairways, sportsfields	10-20 litres	Min. 500 litres	1 ha

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Use plant protection products safely. Always read the label and product information before use



## SPECIALITIES

# Humivate XL

A natural **humic soil conditioner** based on humic and fulvic acids. Soluble in water from Leonardite, it is fortified with a package of micro-nutrients



## WHY HUMIVATE XL

- › Growth stimulating effect during initial stages and critical periods of turf grass growth
- › Efficient anti-stress effect in adverse climate situations, e.g. drought
- › Improves fertilizer use enhancing chemical characteristics of the soil: better CEC, better nutrient availability and root uptake
- › Corrects micronutrient deficiency

## How Humivate XL works

Humivate XL improves and transforms the rootzone by facilitating the availability and assimilation of nutrients by the grass plant, improving the physical, chemical and biological characteristics of the soil. The XL formulation is fortified with N, P & K together with a trace element package providing an ideal growing season combination to sustain a healthy rhizosphere and produce optimal plant vitality.





### Product Detail

Contains:	Total Humic Extract	7.2% w/w
	Humic Acids	5.8% w/w
	Fulvic Acids	1.4% w/w
	Total Nitrogen	2.7% w/w
	Phosphorus (P <sub>2</sub> O <sub>5</sub> )	2.8% w/w
	Potassium (K <sub>2</sub> O)	4.7% w/w
	Manganese (Mn) EDTA	0.1% w/w
	Iron (Fe) EDTA	0.017% w/w
	Zinc (Zn) EDTA	0.05% w/w
	Molybdenum (Mo)	0.05% w/w

Pack size: 10 litres  
Pack coverage: 1-2 ha  
RT order code: 0112872/010

APPLICATION RATES			
Area of use	Humivate XL	Water Volume	Area
Golf greens, golf tees	0.5-1 litre	Min. 25 litres	500m <sup>2</sup>
Bowling greens	1.5-3 litres	Min. 75 litres	1,500m <sup>2</sup>
Fairways, sportsfields	10-20 litres	Min. 500 litres	1 ha

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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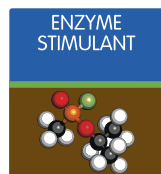
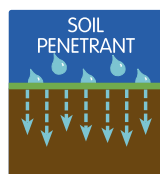
Use plant protection products safely. Always read the label and product information before use





# Blockade-LX

A specially formulated product for the treatment of **Black Layer** in sports and amenity turf




## WHY BLOCKADE-LX

- Improved activated Carbon adsorbs harmful gases
- Contains a rooting bio-stimulant
- Enzymatic system degrades the anaerobic materials in the Black Layer
- Highly active due to the soil penetrant which moves the activated Carbon into the Black Layer
- Can be used to treat spillages of oil and other toxic materials

## How Blockade-LX works

Blockade-LX liquid treatment has a four-way mode of action:

- An enzymatic system directly degrades the protective film covering anaerobic bacteria in the black layer, restricting their production of toxic gas and relieving turf stress.
- Contains activated Carbon which is highly effective in adsorbing Hydrogen Sulphide and Methane in the soil. The bad smell is lessened and toxicity reduced, so roots can continue growing.
- Rooting bio-stimulants allow the plant to re-colonise.
- Contains a soil penetrant to move the Carbon into the black layer which is usually sub-surface.



### Product Detail

Contains: Activated carbon, rooting bio-stimulants, soil penetrant and an enzymatic system

Pack size: 10 litres

Pack coverage: 500-1,000 m<sup>2</sup>

RT order code: 0422502/010

APPLICATION RATES			
Programme	Blockade LX	Water Volume	Area
<b>PREVENTATIVE:</b> Up to four applications depending on the potential for Black Layer formation	Min. 5 litres	50 litres	500m <sup>2</sup>
<b>CURATIVE:</b> Two to three applications in conjunction with mechanical aeration between early autumn and late spring	Min. 10 litres	50 litres	500m <sup>2</sup>
<b>OIL SPILLAGES:</b> It is essential oil spillages are treated quickly after their occurrence for optimum results	Min. 10 litres	50 litres	500m <sup>2</sup>

**RECOMMENDED PERIOD OF USE**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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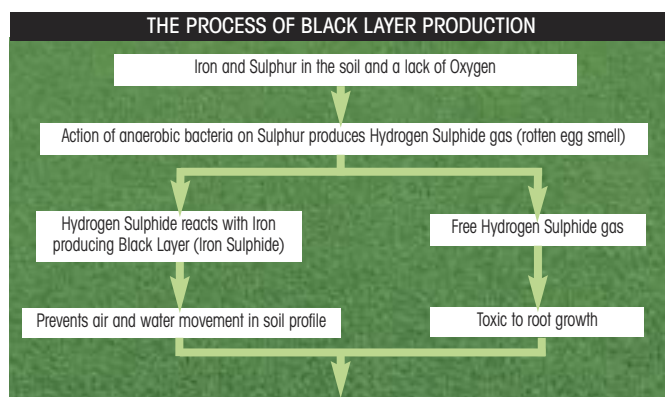
Use plant protection products safely. Always read the label and product information before use



Black Layer before treatment with Blockade-LX

Black Layer 7 days after treatment, plus aeration

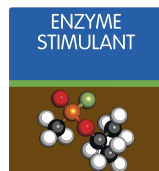
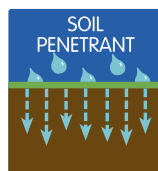
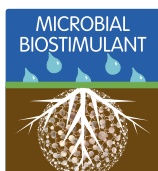
Black Layer 21 days after treatment, plus aeration





# Blockade 2000

An advanced granular product for **Black Layer** treatment and to improve seed establishment



## WHY BLOCKADE 2000

- Improved activated carbon adsorbs poisonous gases
- Contains a rooting bio-stimulant
- Enzymatic system degrades the anaerobic materials in the Black Layer
- Highly active due to the soil penetrant which moves the activated carbon into the Black Layer
- Can be used to treat spillages of oil and other toxic materials

## How Blockade 2000 works

The efficacy of **Blockade 2000** is due to its unique formulation and the manufacturing method which produces a fully built, homogenous end product. **Profile**, a ceramic soil amendment is present as a carrier, with each particle having 74% pore space with a high level of air space. This in its own right will help to restore aerobic conditions in the Black Layer.

The **Profile** carries the soil penetrant, plant hormones and enzymatic system designed to degrade the Black Layer. Activated carbon is then mixed into the formulation. The large surface area enables the activated Carbon to adsorb and render inactive the Hydrogen Sulphide gas in the Black Layer quickly and effectively. Methane gas is also adsorbed.

**Blockade 2000** may be applied at any time of the year as a preventative or curative treatment, and to improve seed establishment when over-seeding.



### Product Detail

Contains: Activated carbon, rooting bio-stimulants, soil penetrant, an enzymatic system and Profile ceramic soil amendment

Pack size: 20kg box

Pack coverage: 250-500 m<sup>2</sup> (Black Layer treatment)  
1,000 m<sup>2</sup> (Over-seeding treatment)

RT order code: 0422513/020

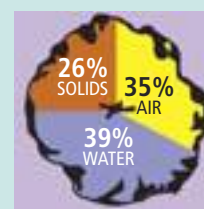
### APPLICATION RATES

Black Layer	Blockade 2000	Area Treated
PREVENTATIVE: Up to four applications depending on the potential for Black Layer formation	20kg	500m <sup>2</sup>
CURATIVE: Two to three applications in conjunction with mechanical aeration between early autumn and late spring	40kg	500m <sup>2</sup>

### RECOMMENDED PERIOD OF USE

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Use plant protection products safely. Always read the label and product information before use



### The Profile Particle

**Profile** blended with sand or soil increases the water and nutrient holding pores as well as increasing the air and drainage pores. It works continuously in the soil to solve and prevent problems associated with compaction, poor drainage and poor water and nutrient retention.





SPECIALITIES

# Maxicrop

The first name in  
**seaweed science**

## **No 1 TRIPLE SEAWEED** (3.05-1.43-2.92 + trace elements)

A concentrated seaweed extract to help produce high quality sports turf with excellent wear and recovery characteristics. It enhances early season root growth and establishment and encourages tillering without excessive shoot growth.

Pack size: 10 litres. Order code: 0108101/010

Application rate: 10-15 litres/ha (water volume: 300-600 litres/ha)

## **No 2 MOSSKILLER & CONDITIONER** (2-0-0 + 16.4% FeSO<sub>4</sub>) MAPP No.18514

A moss killer with added seaweed extract to stimulate re-growth and tillering once the moss is removed as well as improving turf colour.

Pack size: 10 litres. Order code: 0108108/010

Application rate: 150 litres/ha (water volume: 500 litres/ha).

## **No 3 PRO-K-PLUS** (2-0-18 + trace elements)

Ideal for early or late season use to supply high levels of Potash where needed. Provides good root growth and helps drought tolerance.

Pack size: 10 litres. Order code: 0108110/010

Application rate: 20-100 litres/ha (water volume: 600-1,000 litres/ha).

## **No 4 FINE TURF FERTILIZER** (12-0-6 + trace elements)

Combines the full benefits of Maxicrop seaweed extract with a zero phosphate fertilizer formulation. Ideal as an in-season turf stimulant with Nitrogen and Potash to provide a rapid fertilizer response. Particularly useful on sand constructed pitches or golf greens.

Pack size: 10 litres. Order code: 0108102/010

Application rate: 20-100 litres/ha (water volume: 400-800 litres/ha).

## **No 5 PLUS 17% NITROGEN** (17-0-0 + trace elements)

The high Nitrogen content quickly improves turf colour and vigour whilst the seaweed base stimulates root growth, improving turf wear and recovery. Ideal for controlled feeding to produce top growth when desired.

Pack size: 10 litres. Order code: 0108111/010

Application rate: 20-100 litres/ha (water volume: 400-800 litres/ha).

## **No 6 PROGREN** (2-0-0 + 6% Fe + trace elements)

Designed for use 3 days prior to major events to give rapid green-up, usually within 24 hours, or when long-term in-season greening is needed. The improved colour lasts upto 4-6 weeks.

Pack size: 10 litres. Order code: 0108125/010

Application rate: 40 litres/ha (water volume: 300-600 litres/ha).

## **No 7 ORGANIC CONCENTRATE** (0.3-0-3.6)

A totally organic seaweed extract turf stimulant containing 24% soluble seaweed solids. Containing no added N, P or K, it can be used as an organic substitute for Maxicrop No 1. An ideal early stimulant to condition turf prior to initial fertilizer applications.

Pack size: 10 litres. Order code: 0108120/010

Application rate: 10 litres/ha (water volume: 300-600 litres/ha).

## **SEAWEED MEAL**

A natural soil conditioner, rich in trace elements. Incorporate into top 75mm of soil.

Pack size: 25kg bag. Order code: 0108140/025

Application rate: Apply spring or autumn at 70 g/m<sup>2</sup>.

### RECOMMENDED CALENDAR OF APPLICATIONS

#### Seed & New Turf Laying

<b>No 1</b> Triple Seaweed	Apply at 1-2 leaf stage, two applications 4 weeks apart. Thereafter adopt the Maxicrop programme
<b>No 7</b> Organic Concentrate	

#### Annual Applications

<b>No 1</b> Triple seaweed	Apply every 4 weeks to maintain turf health and condition
<b>No 2</b> Moss Killer & Conditioner	Stimulates turf and controls moss
<b>No 3</b> Pro-K-Plus	Apply early or late for potash
<b>No 4</b> Fine Turf Fertilizer	Apply at 3-4 leaf stage and every 4 weeks in season for nitrogen and potash
<b>No 5</b> Plus 17% Nitrogen	Apply 4-5 times to provide evenly spaced nitrogen
<b>No 6</b> ProGreen	Apply any time for enhanced turf colour, particularly prior to tournaments
<b>No 7</b> Organic Concentrate	Apply every 4 weeks to maintain turf health and condition, organically

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>No 1</b> Triple Seaweed												
<b>No 7</b> Organic Concentrate												
<b>No 1</b> Triple seaweed												
<b>No 2</b> Moss Killer & Conditioner												
<b>No 3</b> Pro-K-Plus												
<b>No 4</b> Fine Turf Fertilizer												
<b>No 5</b> Plus 17% Nitrogen												
<b>No 6</b> ProGreen												
<b>No 7</b> Organic Concentrate												



## SPECIALITIES

# Seaweed Compact

A **dried seaweed extract** in a soluble powder form to help improve shoot density, root growth and general plant health



## WHY SEAWEED COMPACT

- Enhances root growth, root mass and turf establishment
- Increases shoot density for better recovery and ground cover
- Encourages grass shoots without causing excess lush growth
- Aids young seed establishment by boosting early growth
- Boosts beneficial soil microbes so improving root health
- Helps maintain plant chlorophyll levels for optimum growth and health

## How Seaweed Compact works

Seaweed Compact contains a dried seaweed extract of *Ascophyllum nodosum* and helps to boost root development, shoot growth, minimise turf stress, maintain leaf function, maximise drought tolerance as well as increasing soil microbial action. A 2kg pack of Seaweed Compact is equivalent to 12 litres (14.5kg) of a traditional liquid seaweed product at comparable strength, so provides additional benefits in terms of handling and transport issues.



**Root Development:** Trials show that in young plants, root length and mass can be significantly increased (150%) by Seaweed Compact application.

**Shoot Growth:** Seaweed Compact helps increase shoot development and tillering, leading to better ground cover.

**Chlorophyll:** Trials have demonstrated that Seaweed Compact increases and maintains chlorophyll levels in the leaf tissue, enabling it to maximise carbohydrate production for optimum growth and repair.

**Drought Tolerance:** Seaweed Compact has an osmo-regulatory effect on turf, helping it to withstand drought or saline conditions.

**Microbial Activity:** When in contact with the soil Seaweed Compact has a stimulating effect on certain beneficial soil microbes which multiply and increase their activity such as improving soil structure and releasing nutrients. The microbes also help break down thatch.

**Plant Health:** Betaines found in Seaweed Compact have been shown to have a beneficial effect on plant health. They help to raise the plant's natural health status, enabling turf to withstand various stress factors such as heat, cold, wind, wear, mechanical damage and disease.



### Product Detail

Contains: Dried seaweed extract of *Ascophyllum nodosum*  
 Pack size: 2kg  
 Pack coverage: 10,000 m<sup>2</sup>  
 RT order code: 0108145/02

### APPLICATION RATES

Area of use	Seaweed Compact	Water Volume	Area
Golf greens & tees	100-115g	15-25 litres	500m <sup>2</sup>
Bowling greens	300-350g	45-75 litres	1,500m <sup>2</sup>
Fairways, sportsfields	2.0-2.3kg	300-500 litres	10,000m <sup>2</sup>

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Use plant protection products safely. Always read the label and product information before use

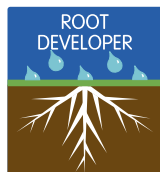




SPECIALITIES

# SeaQuest

A fresh, natural cold pressed **seaweed extract** for use in amenity turf



## WHY SEAQUEST

- › A naturally sustainable source of seaweed produced from fresh *Ascophyllum nodosum* by an innovative cold process
- › 100% selected *Ascophyllum nodosum* from clean Atlantic waters
- › Contains a wide range of nutrients and bio-stimulants
- › Increases root mass and microbial activity
- › Improves nutrient uptake
- › Reduces effects of abiotic plant stress.
- › Micronisation of seaweed to ensure smooth, particle-free texture that won't block nozzles

## How SeaQuest works

The controlled harvesting and processing of seaweed to make SeaQuest is sympathetic to the natural ingredients contained in this marine plant and as such it retains the maximum possible benefits in terms of biologically active components. SeaQuest can be used throughout the year on all sports turf surfaces, including fine turf such as golf greens, bowling greens, golf tees, as well as fairways, sports fields and ornamental lawns.



### Product Detail

Contains: Aqua, Seaweed (*Ascophyllum nodosum*), Citric Acid 0.01%, preservatives 0.06%

Pack size: 10 litres

Pack coverage: 5,000-10,000 m<sup>2</sup>

RT order code: 0108170/010

APPLICATION RATES		
SeaQuest	Water Volume	Area
500-1,000 ml	15-20 litres	500m <sup>2</sup>
10-20 litres	300-400 litres	1 ha

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Use plant protection products safely. Always read the label and product information before use





SPECIALITIES

# Dew-T



For the rapid and effective **dispersal of dew formation**, surface moisture and light frost on fine and coarse turf grass

## WHY DEW-T

- › Excellent prevention of dew formation (up to 14 days).
- › Gives a cleaner cut when mowing
- › Start mowing operations earlier in the day
- › Cultural method of disease management
- › Cost effective dew control operation, when compared to traditional switching and brushing
- › Safe to beneficial microbes
- › Low application rate and water volume



## How Dew-T works

Surface moisture on the leaf can provide the optimum habitat for diseases such as Fusarium Patch or Dollar Spot. Both thrive in cool, moist conditions. Dew can also encourage moss growth, especially in the Spring and Autumn.

One common solution is the use of a dew brush. This can add disturbance to the leaf at times where climate conditions are already adding additional stress factors to the turfgrass. They can also be labour intensive wasting time and resources.

Dew-T contains unique polymeric surfactants that have a twin mode of action. Firstly they are very effective at reducing the surface tension of water molecules thus preventing dew formation. Secondly they have a very strong binding capacity, which enables them to attach to the surface of the waxy leaf surface which causes the moisture to run off.

## Trial results of Dew-T



*Dew-T clearly identifies its effectiveness when applied before dew formation is prominent*

*Dew-T shows the effectiveness on golf greens and surrounds*

## Product Detail

Pack size: 10 litres  
Pack coverage: 1ha  
RT order code: 0423883/010

### APPLICATION RATES

Area of use	Dew-T	Water Volume	Area
Golf greens, golf tees	1 litre	50 litres	1,000m <sup>2</sup>
Golf fairways, outfields sportsfields	10 litres	500 litres	1 ha

### RECOMMENDED PERIOD OF USE

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## SPECIALITIES

# Photon

**Permanent green turf paint** with UV absorber and optical brighteners




## WHY PHOTON

- › Restores natural green colour to discoloured or damaged turf
- › Helps to increase grass surface temperature
- › Last up to 3 months, dependent upon mowing regimes and climate conditions
- › Ideal for prestigious events
- › Can be used to colour divot mixtures

## How Photon works

Used in places or at times when natural light is at a premium, **Photon** is ideal to enhance the plants ability to absorb UV radiation and so improve its photosynthesizing ability. **Photon** will provide uniformity of appearance and assist in the disguising of mechanical damage as well as stress.



### Product Detail

Contains: UV absorber and optical brighteners

Pack size: 1 litre

Pack coverage: 4,000 m<sup>2</sup>

RT order code: 0422640/01

APPLICATION RATES												
Area of use	Photon	Water Volume	Area									
Golf greens, golf tees bowling greens, cricket squares, sports pitches	2.5 litres	300-400 litres	1 ha									

### RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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# Microcal

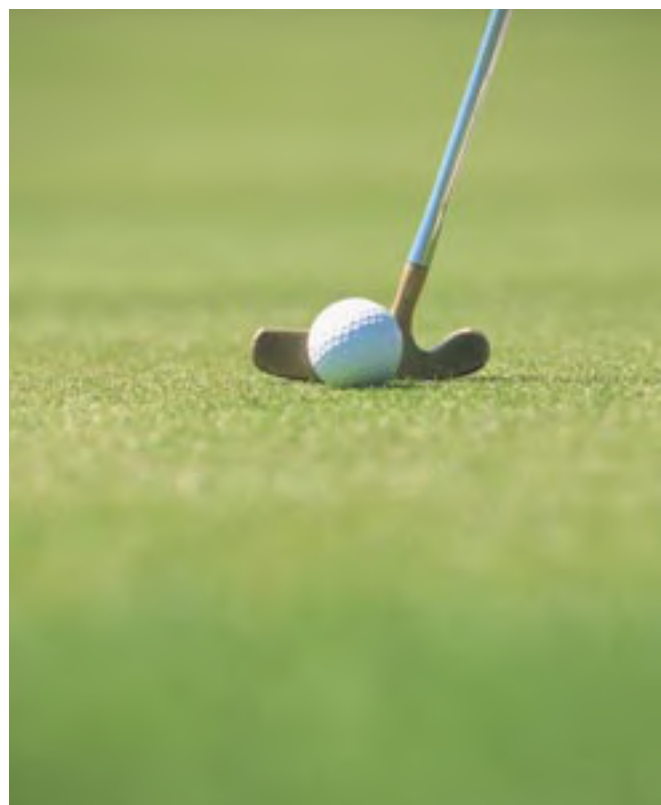
Micro-granulated form of **Calcium Carbonate** for correcting acidic pH imbalances



## How Microcal works

**Microcal** is a micro-granulated form of Carbonate of Lime, making application a dust-free and simple operation. It helps to re-dress the pH balance in soils that are too acidic.

When experiencing excessive acidic conditions apply **Microcal**, followed by regular pH tests to ascertain if further applications are required.





### Product Detail

Pack size: 25 kg

Pack coverage: 714 m<sup>2</sup>

RT order code: 0105121/025

RECOMMENDED PERIOD OF USE											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

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