





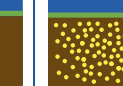
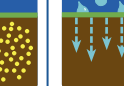


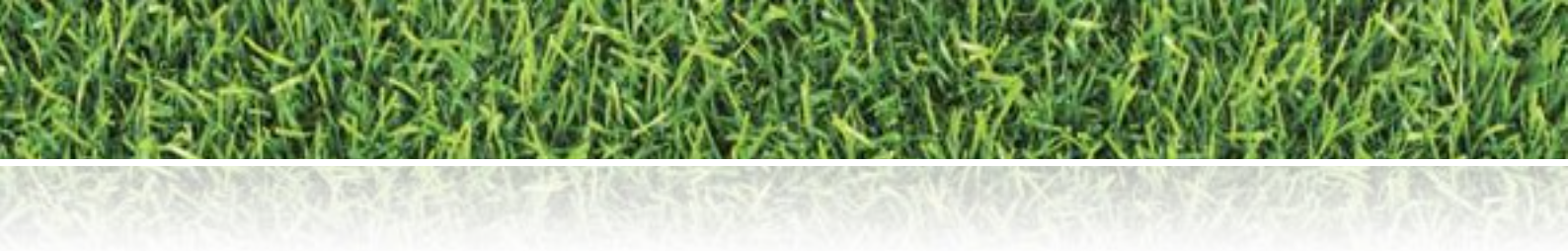


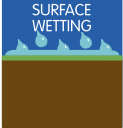






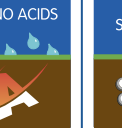

SPECIALITIES



Product selector

| | LIQUID FORMULATION  | GRANULAR FORMULATION  | SOLUBLE FORMULATION  | MICROBIAL BIOSTIMULANT  | ROOT DEVELOPER  | ROOT ZONE IMPROVER  | ROOT ZONE CONDITIONER  | SOIL PENETRANT  |
|---------------------------------|---|---|--|---|--|---|--|---|
| WETTING AGENTS | | | | | | | | |
| Propel-R | | | | | | | | |
| Breaker Dynamic | | | | | | | | |
| Breaker BioLinks | | | | | | | | |
| Breaker Curative 2 | | | | | | | | |
| Breaker Sport | | | | | | | | |
| Breaker Fairway | | | | | | | | |
| HydroPro-2 | | | | | | | | |
| Hydrosphere | | | | | | | | |
| Penetr8-R | | | | | | | | |
| IRONS | | | | | | | | |
| Magnet Velocite | | | | | | | | |
| Magnetize | | | | | | | | |
| Magnet Dynamic Lite | | | | | | | | |
| Iron Complex | | | | | | | | |
| Liquid Iron | | | | | | | | |
| Soluble Iron | | | | | | | | |
| Mosquito | | | | | | | | |
| ROOTZONE IMPROVERS | | | | | | | | |
| Integrate Plus | | | | | | | | |
| Profile | | | | | | | | |
| Alize | | | | | | | | |
| NUTRIENT SUPPLEMENTS | | | | | | | | |
| Phos-Form | | | | | | | | |
| K-Form | | | | | | | | |
| Mag-Form | | | | | | | | |
| Cal-Form | | | | | | | | |
| Cal-Mag | | | | | | | | |
| Minor-8T | | | | | | | | |
| Manganaze | | | | | | | | |
| Cu-Form | | | | | | | | |
| Amino-Form LX | | | | | | | | |
| MicroDyne | | | | | | | | |
| BIO/MICROBIAL STIMULANTS | | | | | | | | |
| Activate R | | | | | | | | |
| Activate-XL | | | | | | | | |
| Humivate | | | | | | | | |
| Humivate-XL | | | | | | | | |
| BLACK LAYER TREATMENTS | | | | | | | | |
| Blockade -LX | | | | | | | | |
| Blockade 2000 | | | | | | | | |
| SEAWEED TREATMENTS | | | | | | | | |
| Maxicrop | | | | | | | | |
| Seaweed Compact | | | | | | | | |
| SeaQuest | | | | | | | | |
| OTHER TREATMENTS | | | | | | | | |
| Dew-T Dew Dispersant | | | | | | | | |
| Photon | | | | | | | | |
| Microcal | | | | | | | | |
| Spike | | | | | | | | |



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Wetting Agents

Hydration efficiency...the way forward

Water is an essential ingredient for growth and the vitality of turf. Using our wetting agents to manage water to achieve optimal levels will enhance turf quality and reduce stresses induced by incorrect balances of air/moisture in the soil profile.

Ideally soil moisture content should be between 'Field Capacity' the maximum amount of water a soil can hold before saturation where excess water will be drained away, and above the permanent wilt point the minimum amount of water required by the plant to maintain itself. Many factors will influence these 2 points in a given rootzone, and the ability of the soil to re-hydrate itself.

Soil texture plays a significant part in determining the water capacity of a rootzone, and this combined with the biological activity in the rhizosphere can determine how receptive a soil may be to irrigation and rainfall.

To optimise the efficiency of this precious resource, Rigby Taylor has a range of highly effective wetting agents for all turf type areas enabling better management of water resources, and programming applications of wetting agents to meet specific requirements suited to individual needs.

The Programmed Approach

The best way to approach hydration efficiency in the soil is a programmed approach. Ensuring soil receptivity of moisture is essential, by allowing the rootzone to dry out exacerbates repellency in the soil. Ensuring that any rain or irrigation is targeted and allowed to flow through the root zone will enhance plant health and root development. By starting to apply wetting agents before any stress occurs ensures that soil receptivity and plant health are not compromised.

Rigby Taylor wetting agents are best applied at the start of the growing season and can be applied at variable rates dependant on conditions and current soil status. Regular subsequent applications to match soil and weather conditions can then be applied to ensure adequate hydration and a suitable growing environment. **Breaker Curative 2** can be applied at any time where restoration of soil moisture receptivity is required. It is particularly useful in the Spring and Autumn when higher rainfall is anticipated that will help to flush hydrophobic residues away from the surface.



The Rigby Taylor Range

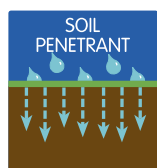
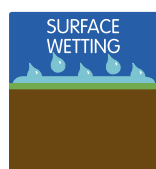
| Product | Notes | Formulation | Application Rate | Pack Size |
|--------------------|---|-------------------------------|--------------------------------------|---|
| Propel-R | Advanced generation water management solutions | Liquid Granules Tablets | 10-20 ltr/ha 200kg/ha Variable | 10, 120, 200 litres 20kg Box of 6 |
| Breaker Dynamic | Proven surfactant technology for the management of water-related problems | Liquid Granules Tablets | 10-20 ltr/ha 200kg/ha Variable | 10, 120, 200 litres 20kg Box of 6 |
| Breaker BioLinks | Dry Patch and root regeneration in one application | Liquid | 25 ltr/ha | 10, 120, 200 litres |
| Breaker Curative 2 | Cures water repellency and reinstates water receptivity, acting directly on the causes of Dry Patch | Liquid | 20 ltr/ha | 10, 120, 200 litres |
| Breaker Sport | Concentrated and economical development of the Breaker Technology for use on sportsfields and fairways. | Liquid | 10-20 ltr/ha | 10, 120, 200 litres |
| Breaker Fairway | A range of surfactant formulations specifically modified for use on outfields and fairways Number 1 – Standard formulation Number 2 – Includes 2%Fe & 2% Seaweed Number 3 – Includes 2%Fe, 2% Seaweed, 2% Amino Acids & 2% Carbohydrates | Liquid | 40 ltr/ha | 200 litres |
| HydroPro 2 | A non-ionic reverse block co-polymer for the control of dry Patch | Liquid | 10-20 ltr/ha | 10 litres |
| Hydrosphere | Economical non-ionic block co-polymer wetting agent | Liquid | 10-20 ltr/ha | 10, 120, 200 litres |

Propel-R

Soil micelle interaction is the advanced system in **Propel-R** that reduces soil water repellency to zero and re-hydrates the soil. Trials have shown significant and rapid restoration of soil receptivity to moisture with corresponding reduction in water repellency. The consequence of this is less wasteful run-off of rain and more efficient and reduced use of irrigation.

WHY PROPEL-R

- Advanced technology with soil micelle interaction gives complete soil wetting
- Reduced soil water repellency to zero
- Transports moisture away from the surface
- Improves water and air balance in the root zone
- Enhances the soil rhizosphere diversity and activity



The **Applicator Gun** is designed to spot-treat individual areas of Dry Patch with the Tablet formulations. The applicator is fitted with a Cloudburst Nozzle giving large droplets and an outstanding fan pattern.

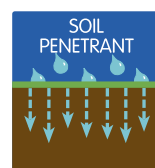
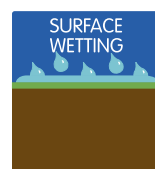
RT order code: 0423862/

Breaker Dynamic

Breaker Dynamic employs proven surfactant technology, modifying the surface tension of water molecules to improve the infiltration of soil. Once there, a penetrant system delivers the moisture down into the soil profile, whilst the formulation can provide a bridge between two otherwise incompatible substances; hydrophobic soils and moisture, allowing for the root zone to become re-hydrated.

WHY BREAKER DYNAMIC

- Superb control and prevention of Dry Patch
- Maximises irrigation efficiency
- Penetration system gets active deeper, even through hydrophobic layers
- Distributes moisture efficiently through the root zone
- Encourages improved root growth
- Ideal for use in a programme with flexible application to match conditions



Product Detail

Propel-R Liquid

Contains co-polymer linked surfactants; water surface tension reducer, soil hydration moderator, super penetrant.

Pack sizes: 10, 120 & 200 litres

Pack coverage: 5,000m² (10 litre pack)

RT order code: 0423960/010

Propel-R Granules

Pack size: 20kg

Pack coverage: 1,000m²

RT order code: 0423966/020

Propel-R Tablets

Pack size: 25 tablet

Pack coverage: Variable

RT order code: 0423963/ SD Tablets

0423962/ HD Tablets

APPLICATION RATES – LIQUID

| Area of use | Full rate | ½ rate | Water Volume | Area |
|------------------------|-----------|----------|--------------|--------------------|
| Greens, tees, etc | 1 ltr | 0.5 ltrs | 35-45 ltrs | 500m ² |
| Bowling greens | 3 ltrs | 1.5 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 20 ltrs | 10 ltrs | 700-900 ltrs | 1ha |

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.

Product Detail

Breaker Dynamic Liquid

Contains a three way block co-polymer surfactant blend: water surface tension reducer, soil hydration moderator, super penetrant.

Pack sizes: 10, 120 & 200 litres

Pack coverage: 5,000m² (10 litre pack)

RT order code: 0423905/010

Breaker Dynamic Granules

Pack size: 20 kg

Pack coverage: 1,000m²

RT order code: 0423906/

Breaker Dynamic Tablets

Pack size: 25 tablets

Pack coverage: Variable

RT order code: 0423902/ SD Tablets

0423903/ HD Tablets

APPLICATION RATES – LIQUID

| Area of use | Full rate | ½ rate | Water Volume | Area |
|------------------------|-----------|----------|--------------|--------------------|
| Greens, tees, etc | 1 ltr | 0.5 ltrs | 35-45 ltrs | 500m ² |
| Bowling greens | 3 ltrs | 1.5 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 20 ltrs | 10 ltrs | 700-900 ltrs | 1ha |

RECOMMENDED PERIOD OF USE

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
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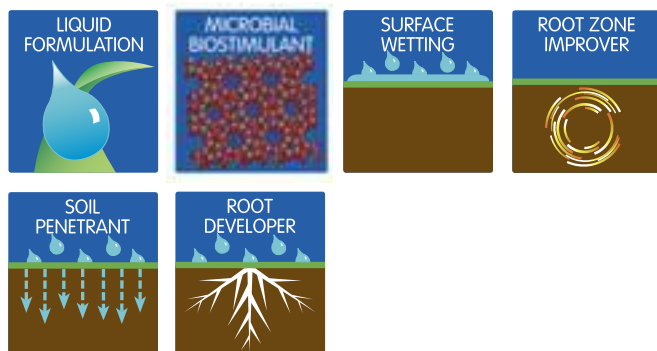
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Breaker Biolinks

The synergistic combination of wetting agent and bio-stimulant improves the root zone environment whilst simultaneously encouraging the development of a healthy root system in one application. Using the proven **Breaker Dynamic** with its Complete Immersion Technology, **Breaker BioLinks** also contains an integrated source of plant growth hormones.

WHY BREAKER BIOLINKS

- › Curative & preventative activity against Dry patch – as confirmed by STRI
- › Combats summer stress
- › Increases plant health, optimising root development
- › Balances soil moisture content
- › Improves turf colour and quality
- › Contains natural phytohormones



Product Detail

Contains a three way block co-polymer surfactant blend: water surface tension reducer, soil hydration moderator, super penetrant and natural bio-stimulant.

Pack sizes: 12.5, 120 & 200 litres

Pack coverage: 5,000m² (12.5 litre pack)

RT order code: 0423900/012

| APPLICATION RATES | | | |
|------------------------|-----------|--------------|--------------------|
| Area of use | Full rate | Water Volume | Area |
| Greens, tees, etc | 1.25 ltrs | 35-45 ltrs | 500m ² |
| Bowling greens | 3.75 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 25 ltrs | 700-900 ltrs | 1ha |

| RECOMMENDED PERIOD OF USE | | | | | | | | | | | |
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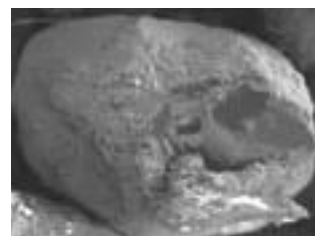
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Breaker Curative 2

Breaker Curative 2 is formulated to restore the capacity of hydrophobic rootzones to accept water and cure the effects of water repellency. It's unique chemistry dissolves the hydrophobic materials that destroy the soils ability to evenly absorb water through the profile.

WHY BREAKER CURATIVE 2

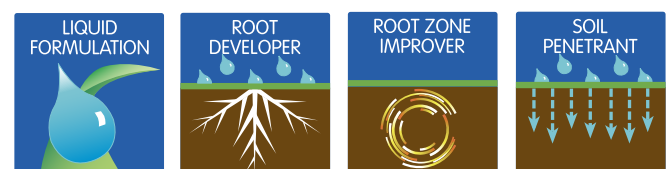
- › A unique blend of organic components that break down the hydrophobic materials which bind to sand particles
- › Long lasting, effective treatment
- › Extremely safe to all types of turf – no adverse effects on soil microbial activity
- › Ideally used as a combined programme with Breaker Dynamic Liquid



Electron micrograph of sand grain with waxy coating formed by soil inhabiting fungi of the type that cause Fairy Rings



Electron micrograph of sand grain having been treated with Breaker Curative 2



Product Detail

Contains a three way block co-polymer surfactant blend: water surface tension reducer, soil hydration moderator, super penetrant and bio remediation agent.

Pack sizes: 10, 120 & 200 litres

Pack coverage: 5,000m² (10 litre pack)

RT order code: 0423859/010 (10 litres)
0423859/200 (200 litres)

| APPLICATION RATES | | | |
|------------------------|-----------|--------------|--------------------|
| Area of use | Full rate | Water Volume | Area |
| Greens, tees, etc | 1 litre | 35-45 ltrs | 500m ² |
| Bowling greens | 3 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 20 ltrs | 700-900 ltrs | 1ha |

| RECOMMENDED PERIOD OF USE | | | | | | | | | | | |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
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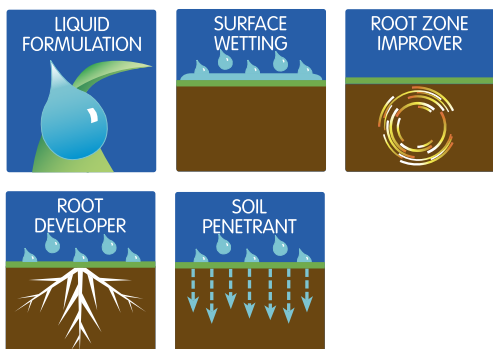
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Breaker Fairway

Breaker Fairway is a range of wetting agent formulations modified to make them ideal for fairway and outfield applications, giving solutions to water management and offering bio-stimulants in a single application.

WHY BREAKER FAIRWAY

- › Three formulations to treat specific areas and situations
- › Breaker Fairway No1 – is the standard formulation of wetting agent
- › Breaker Fairway No2 – is fortified with the inclusion of 2% Fe and 2% Seaweed
- › Breaker Fairway No3 – has the full suite of Bio-stimulants: 2% Fe, 2% Seaweed, 2% Amino Acid and 2% Carbohydrate

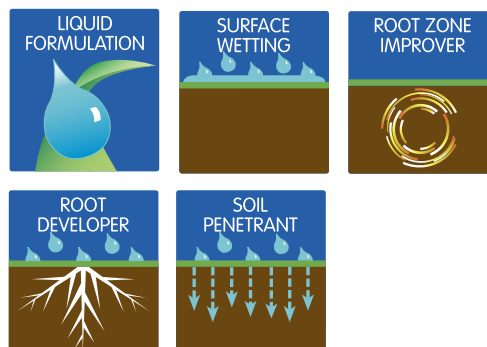


Breaker Sport

Breaker Sport is a concentrated and economical development of the Breaker Technology designed specifically for use on turf mown at a height greater than 10mm, e.g. fairways, sportsfields, etc.

WHY BREAKER SPORT

- › Three key modes of action available for sportsfield and fairway applications
- › Optimises water use efficiency whilst conserving surface moisture that can be lost through evaporation
- › Economical application, ideally suited to large area applications
- › Experience and technology developed for greens-grade wetting agents
- › Enhances turf quality and consistency necessary for sports pitch performance





Product Detail

Pack Sizes – 10, 120 & 200 litres

Contains co-polymer linked surfactants; water surface tension reducer, soil hydration moderator, super penetrant, bio-stimulants.

| APPLICATION RATES | | | | |
|-----------------------------|-----------|--------------|------|--|
| Area of use | Full rate | Water Volume | Area | |
| Golf fairways, sportsfields | 40 ltrs | 700-900 ltrs | 1ha | |

| RECOMMENDED PERIOD OF USE | | | | | | | | | | | |
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Use plant protection products safely. Always read the label and product information before use.



Product Detail

Pack Sizes – 10, 120 & 200 litres

Contains co-polymer linked surfactants; water surface tension reducer, soil hydration moderator, and super penetrant

| APPLICATION RATES | | | | | |
|-----------------------------|-----------|---------|--------------|------|--|
| Area of use | Full rate | ½ rate | Water Volume | Area | |
| Golf fairways, sportsfields | 20 ltrs | 10 ltrs | 700-900 ltrs | 1ha | |

| RECOMMENDED PERIOD OF USE | | | | | | | | | | | |
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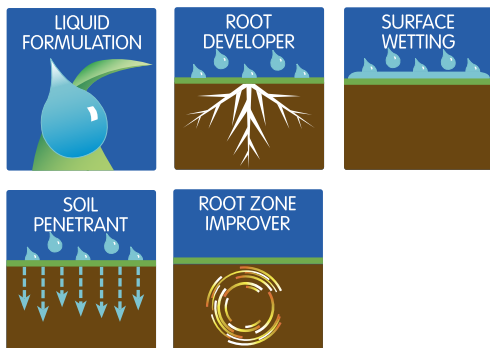
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Hydropro-2

Hydropro-2 is a non-ionic block co-polymer giving economical and effective treatment for the control of localised Dry Patch, and the management of water related problems in amenity turf.

WHY HYDROPRO-2

- › Consistent control and prevention of Dry Patch
- › Moves water from the surface to re-hydrate rootzone
- › Reverse block co-polymer improves longevity between application
- › Customized programmed approach
- › Effective and economical solution to treating water repellent soils



Product Detail

Contains co-polymer linked surfactants; water surface tension reducer, soil hydration moderator

Pack sizes: 10, 120 & 200 litres

Pack coverage: 10 litres : 7,500 m² when average air temp. is 5-15°C.
5,000m² : when they are higher than 15°C.

RT order code: 0423751/010

| APPLICATION RATES | | | | |
|------------------------|-----------|----------|--------------|--------------------|
| Area of use | Full rate | ½ rate | Water Volume | Area |
| Greens, tees, etc | 1 ltr | 0.5 ltrs | 35-45 ltrs | 500m ² |
| Bowling greens | 3 ltrs | 1.5 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 20 ltrs | 10 ltrs | 700-900 ltrs | 1ha |

RECOMMENDED PERIOD OF USE

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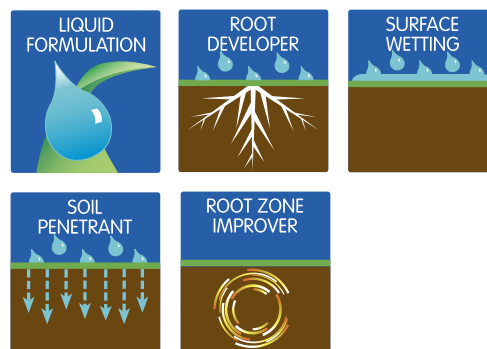
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Hydrosphere

Hydrosphere is an economical and efficient non-ionic surfactant that can be universally applied to all types of sports turf areas enabling water to move quickly and deeply into the soil profile.

WHY HYDROSPHERE

- › Selected blended formulation provides economical and efficient applications
- › Preventative action against Dry Patch when used in a programme
- › Distributes moisture evenly through the upper soil profile
- › Reduces irrigation requirements
- › Reduces root breaks due to insufficient water percolating through the profile



Product Detail

Contains co-polymer linked surfactants; water surface tension reducer, soil hydration moderator

Pack sizes: 10, 120 & 200 litres

Pack coverage: 5,000m² (10 litres)

RT order code: 0423755/010

| APPLICATION RATES | | | | |
|------------------------|-----------|----------|--------------|--------------------|
| Area of use | Full rate | ½ rate | Water Volume | Area |
| Greens, tees, etc | 1 ltr | 0.5 ltrs | 35-45 ltrs | 500m ² |
| Bowling greens | 3 ltrs | 1.5 ltrs | 105-135 ltrs | 1500m ² |
| Fairways, sportsfields | 20 ltrs | 10 ltrs | 700-900 ltrs | 1ha |

RECOMMENDED PERIOD OF USE

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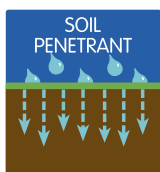
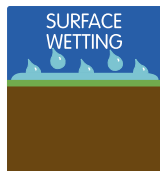
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SPECIALITIES

Penetr8-R

An effective, rapid
pre-conditioner of hydrophobic soils prior to commencing a standard wetting agent programme



WHY PENETR8-R

- › Provides rapid (5 minutes) initial wetting of dry, water repellent (hydrophobic) soils
- › Moves excess water from soil surface and through the soil profile
- › Increases the flow of oxygen into and through the soil profile
- › Ideal for areas prone to drought, e.g. bunker tops and 'hot spots'
- › Assists in 'flushing through' excessive salt concentrations
- › Reduces water 'puddling' from low lying hollows



How Penetr8-R works

Provides a 100 x reduction of surface water tension (approximately 5 times that of a standard wetting agent) which assists the downward flow of water to more easily and quickly pulled through soil profile into the drains and soakaways.

A single application will penetrate between 25 and 30cm reaching maximum depth within 30 minutes. **Penetr8-R** will not scorch and watering in is not required following application.



Product Detail

Contains: Dioctyl sulphosuccinate surfactants
Pack size: 1 litre, 10 litres
Pack coverage: 10,000 – 20,000m²
RT order code: 1 litre: 0423970/01
10l: 0423970/010

APPLICATION RATES

| Area of use | Penetr8-R | Water Volume | Area |
|--------------------------------------|-----------|--------------|------|
| All amenity and sports turf surfaces | 5-10 ltrs | 700 ltrs | 1ha |

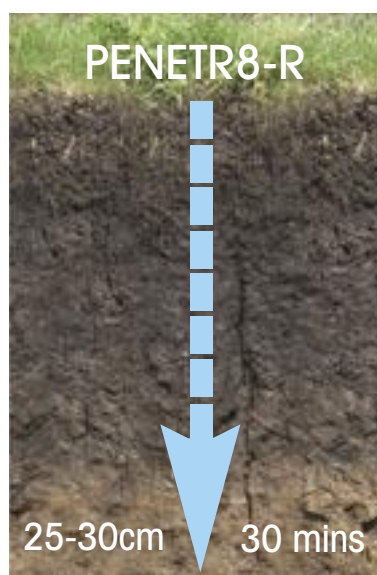
Repeat as necessary (usually 4-6 weeks).

Where a problem condition is particularly severe, additional benefits will be gained by applying Penetr8-R following mechanical aeration.

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





SPECIALITIES

Magnet Velocite

A **complex liquid Iron with trace element package** producing a prolonged and rapid turf colour enhancer. Also corrects Iron and other trace element deficiencies



WHY MAGNET VELOCITE

- › Long term activity – up to 6 weeks
- › Enhanced turf colour within 12 hours due to special leaf penetrant system
- › No blackening of turf or unsightly application marks
- › Has a comprehensive micro-nutrient package, essential for healthy growth
- › Unique tank mixing compatibilities

How Magnet Velocite works

Natural soil Iron, though abundant, can be deficient as it is mostly present as an insoluble form which the plant is unable to take up. **Magnet Velocite** contains two forms of Iron to provide a rapid green up response combined with long-term activity up to 6 weeks.

Magnet Velocite contains a unique leaf penetrant system to enable consistent and rapid uptake of the Ferrous Iron to achieve maximum effect. The EDTA Fe meanwhile provides continued longer term active Iron in all situations.



Product Detail

Contains: Total Nitrogen (N) 9.3%, Iron (Fe) 6.24% (of which EDTA Fe 1.34%, Ferrous Sulphate 4.9%)

Pack size: 5 litres

Pack coverage: 2,500m²

RT order code: 0115204/05

| APPLICATION RATES | | | | |
|---------------------------------|-----------------|--------------|--------------------|--|
| Area of use | Magnet Velocite | Water Volume | Area | |
| Golf greens, golf tees | 1 ltr | 20-25 ltrs | 500m ² | |
| Bowling greens, cricket squares | 3 ltrs | 60-75 ltrs | 1500m ² | |
| Golf fairways, sportsfields | 20 ltrs | 400-500 ltrs | 1ha | |

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





SPECIALITIES

Magnetise

Chelated liquid Iron to **enhance turf colour**

and correct Iron deficiencies



WHY MAGNETIZE

- › Can be used any time of year
- › Unaffected by soil pH
- › No Sulphur contribution, reducing Black Layer potential
- › Long lasting, typically 4 to 6 weeks
- › Enhanced performance when turf is actively growing

How Magnetize works

With its combination of leaf penetrant and EDTA chelation, **Magnetize** is protected from lock up in the soil and more readily available to the plant. An initial steady uptake will result in a green-up response over a 24/48 hour period, followed by continued absorption through the root system. **Magnetize** can be applied any time of year, however best response will be when the turf is growing particularly through the Spring, Summer and Autumn.

Magnet Dynamic Light

Micro-granular, long lasting Iron **turf colour enhancer**



WHY MAGNET DYNAMIC LITE

- › Extremely uniform granule, ensuring even coverage
- › Dual source Iron (8.6%Fe) gives extended phased release up to 16 weeks
- › High potash (14%K₂O) to enhance plant cell turgidity
- › Relatively low Nitrogen assists plant metabolic response without forcing soft growth



Product Detail

Contains: 5% Iron (Fe) chelated by EDTA Enhanced leaf penetrants

Pack size: 5 litres

Pack coverage: 2,500 m²

RT order code: 0115238/05

| APPLICATION RATES | | |
|-------------------|--------------|-------------------|
| Magnetize | Water Volume | Area |
| 1 ltr | 20-25 ltrs | 500m ² |
| 20 ltrs | 400-500 ltrs | 1ha |

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.



Product Detail

Contains: 3% Nitrogen (N), 14% Potash (K₂O) and 8.6% Iron (Fe)

Pack size: 20 kg

Pack coverage: 500m²

RT order code: 0115234/020

| APPLICATION RATES | | |
|---|---------------------|---------------------|
| Area of use | Magnet Dynamic Lite | Area |
| Golf greens & tees, bowling greens, cricket squares | 20kg | 500m ² |
| Golf fairways, sportsfields | 200kg | 5,000m ² |

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

Iron Complex



Liquid iron complex for **rapid greening** at any time of the year

WHY IRON COMPLEX

- › Iron complexed with Citric Acid to give a very effective and rapid green-up
- › Economical application of Iron without added Urea
- › Used at any time of year – especially effective during autumn and winter
- › Penetrating agent ensures optimum coverage and penetration of the Iron component

Liquid Iron



Turf greening without stimulating growth. Hardens the grass to combat disease attack

WHY LIQUID IRON

- › Rapid green-up without excessive foliar growth
- › Helps to harden turf making it less susceptible to disease
- › Contains Urea plus 8%Fe



Product Detail

Contains: Iron Sulphate (7% Fe) Citric Acid complex plus penetrating agent

Pack size: 5 litres

Pack coverage: 1,250 m²

RT order code: 0115214/005

| APPLICATION RATES | | | | | | | | | | | |
|-------------------|--------------|--|-------------------|--|--|--|--|--|--|--|--|
| Iron Complex | Water Volume | | Area | | | | | | | | |
| 2 litres | 30 litres | | 500m ² | | | | | | | | |
| 40 litres | 600 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.



Product Detail

Pack size: 5 litres

Pack coverage: 3,333-5,000 sq.m

RT order code: 0115201/05

| APPLICATION RATES | | |
|-------------------|----------------|-------------------|
| Liquid Iron | Water Volume | Area |
| 500-750ml | Min 40 litres | 500m ² |
| 10-15 litres | Min 800 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.



Soluble Iron

Mosquito



Readily-available Iron for rapid **turf greening**

WHY SOLUBLE IRON

- › Contains 20% Fe

How Soluble Iron works

Soluble Iron is a stable form of Iron Sulphate, suitable for applications all year round. The product provides a rapid response from a low application rate allowing for an economical method of Iron treatment. It is applied readily through conventional hydraulic spraying equipment.



Product Detail

Pack size: 10 kg tub, 15kg sack
Pack coverage: Up to 10,000 m²
RT order code: 10kg: 0423315/010
15kg: 0423314/015

APPLICATION RATES

| Soluble Iron | Water Volume | Area |
|--------------|--------------|-------------------|
| 500g | 25 litres | 500m ² |
| 10kg | 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.



Highly concentrated **liquid Iron** for rapid and economical application

WHY MOSQUITO

- › A high specific gravity allows maximum Iron application for the amount of product applied
- › Low pH ensures Iron availability to the plant
- › Economic application in a liquid form

How Mosquito works

Following application, the Iron content stimulates the plants production of chlorophyll, which in turn enhances turf colour.

Applied in the autumn, **Mosquito** hardens the leaf prior to the onset of winter. Care however should be taken where moss is present as, at the standard rate, **Mosquito** will turn the moss black. In such a situation the area should be scarified and over-seeded to re-establish the sward.



Product Detail

Contains: 10%Fe (Iron applied (std rate) 6.75kgs/ha). Specific Gravity 1.5
Pack size: 5 litres
Pack coverage: Variable
RT order code: 0115237/005

APPLICATION RATES

| Area of use | Mosquito | Water Volume | Area |
|---|-----------|----------------|------|
| Golf greens, golf tees bowling greens, cricket squares, sports pitches | 45 litres | 400-500 litres | 1 ha |

The quantity of product is dependent on the required effect and coverage will depend on type and condition of the grass being treated.

RECOMMENDED PERIOD OF USE

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

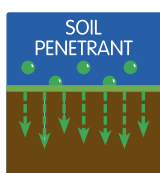
Use plant protection products safely. Always read the label and product information before use.



SPECIALITIES

Integrate Plus

A **soil amendment** that gives complete soil aeration without surface disruption. Integral wetting agent improves surface and rootzone penetration



WHY INTEGRATE PLUS

› Creates additional pore spaces which:

- ‘Opens up’ compacted soil surfaces
- Speeds up draining of standing water
- Increases capillary moisture holding capacity
- Restores the soils water/air balance
- Reduces incidence of Black Layer
- Provides new channels for root growth

› Liquid and granular formulations



Product Detail

Integrate Plus

Contains: 44% water soluble polymeric polyelectrolytes
 Pack size: 5 litres
 Pack coverage: 5,000-10,000 m²
 RT order code: 0113501/05

Integrate Plus Granules

Contains: Polymeric polyelectrolytes plus an advanced soil penetrant system on a granular base
 Pack size: 20 kg box
 Pack coverage: 1,000 m²
 RT order code: 0113510/020

APPLICATION RATES

| Equipment | Integrate Plus Liquid Standard-High | Water Volume | Area |
|---------------------|-------------------------------------|----------------|----------------------|
| Power sprayer | 5-10 litres | 250-500 litres | 10,000m ² |
| Pedestrian sprayers | 250-500ml | 12.5-25 litres | 500m ² |
| | 200-400ml | 10-20 litres | 400m ² |
| Knapsack sprayer | 20-40ml | 1-2 litres | 40m ² |

APPLICATION RATES

| Area of use | Integrate Plus Granules | Area |
|----------------|-------------------------|---------------------|
| Golf greens, | 10kg | 500m ² |
| Bowling greens | 30kg | 1,500m ² |
| Sportsfields | 200kg | 1ha |

RECOMMENDED PERIOD OF USE

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

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How Integrate Plus works

Integrate Plus is a totally unique, patented blend of anionic charged polymers combined with a surface-acting wetting agent.

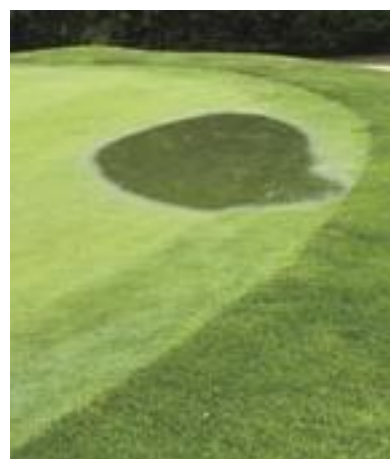
Mechanical aeration affects less than 10% of the soil surface, and compaction can reduce the operating efficiency of turf anywhere from 25-50% as water does not drain, air movement stops and root growth is restricted.

Integrate Plus will restore the soil's water/air balance and return damaged soil structure to a properly functioning condition. It will assist in repairing collapsed pore spaces that prevent the draining of standing water, restore the flow of air into the rootzone, reduce the conditions that encourage Black Layer and 'open-up' new channels for root development.

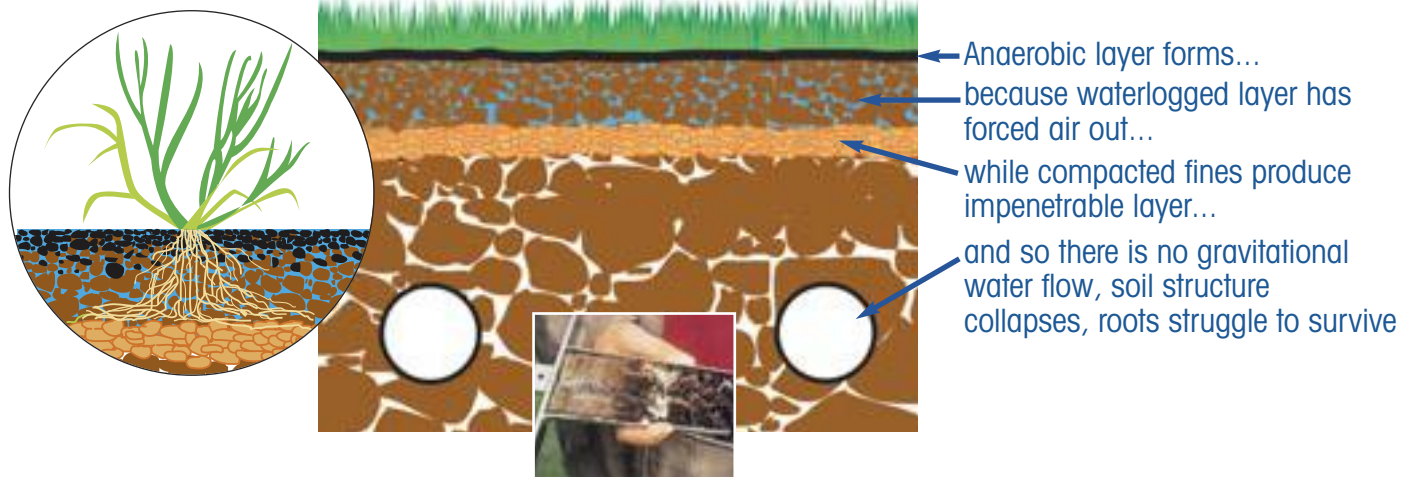
Irrigation or even rain following treatment is beneficial. Improved results may be obtained by applying treatments immediately following mechanical aeration.

Integrate Plus is not to be mixed with Calcium Nitrate based fertilizers or products incompatible with anionic adjuvants.

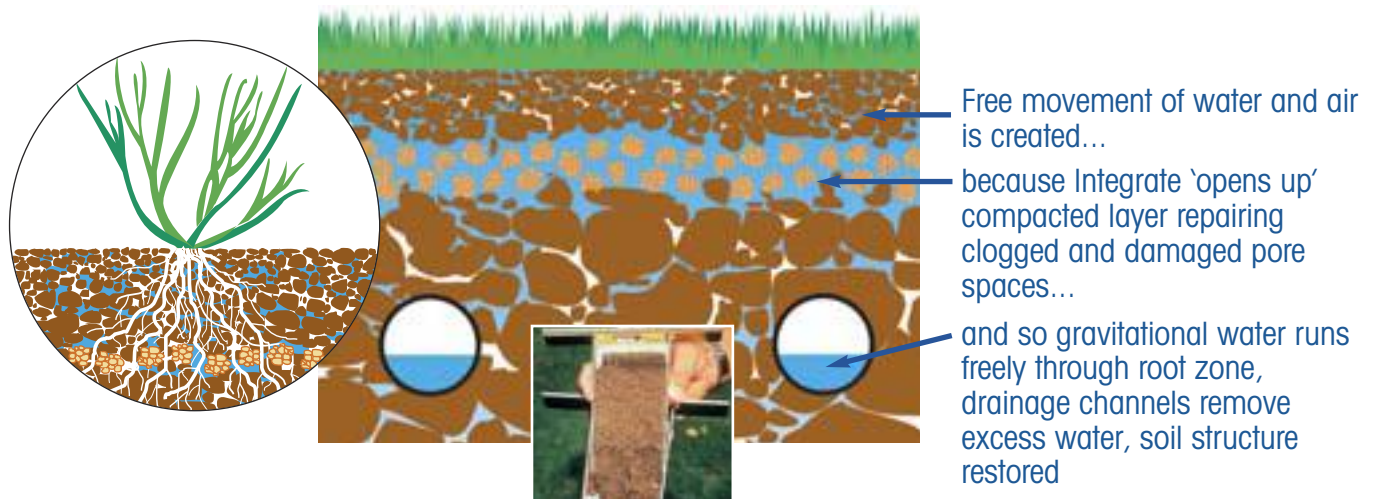
The easy to apply, dust free, granular formulation gives long term effectiveness due to the gradual release of ingredients in the granule and is ideal to apply during poor weather conditions.



Compaction... the problem



Integrate... the solution



Integrate Plus Granules contain advanced polymeric, poly-electrolytes together with the most advanced soil penetrant system. The long chain poly-electrolyte system within the product is positively charged (anionic) and effectively attracts the negatively charged cations held within the CEC sites on clay and organic matter e.g. Calcium, Magnesium.

De-structured clay particles are minute and are effectively aggregated together by this process into larger crumbs. The formation of such a crumb structure within the rootzone results in improved drainage and much more pore space for root growth.

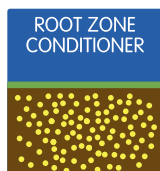




SPECIALITIES

Profile Greens

A porous ceramic **soil amendment** for high performance root zones



WHY PROFILE GREENS

- › Improves root zones by adding water, nutrient and air holding capacity to the soil structure
- › Excellent stability – still stable after 30 years
- › High, permanent Cation Exchange Capacity (CEC)
- › Consistent USGA particle size distribution – 99% between 0.15-1.0 mm
- › Proven by university studies to hold water like peat but drains like sand

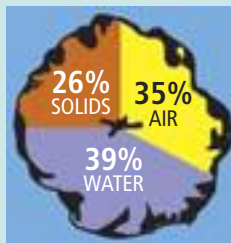


The Profile Greens particle

Each particle is **74% pore space** with approximately **39% capillary (water) pores** and **35% non-capillary (air) pores**. Profile Greens blended with sand or soil increases the water and nutrient holding pores as well as increasing the air and drainage pores.

Profile's CEC will assist in the retention of nutrients, but unlike organic materials, such as peat, will not cause layering and will increase percolation rates.

Profile Field & Fairway has a slightly larger particle size providing **78% porosity** of which **41% is capillary pore space** and **37% is non-capillary pore space**.



How Profile Greens works

Profile Greens physically improves the soil structure. In sand it increases water retention and nutrient-holding because of the capillary pores and the Cation Exchange Capacity (CEC). Percolation rates are increased when it is mixed with sand because of the non-capillary pore space within the product. Soil-based greens benefit by the added porosity Profile Greens provides for better drainage.

Profile Greens is very stable: Profile Greens is four times as stable as USGA requirements and has been shown not to break down. Stable particles have been found in Purdue University greens 30 years after incorporation.

Profile Greens has a high CEC: A permanent CEC of 33 meq/100g is provided by Profile Greens. It has a strong affinity for Potassium, which can leach quite readily from sand-based rootzones. Profile Greens has a low affinity for Sodium and in high salt areas it can therefore help amend the root zone by increasing drainage, allowing the flushing of greens of Sodium.

Profile Greens holds water like peat, but drains like sand: Ohio State University proved Profile Greens' 50/50 balance of capillary and non-capillary pore space will retain water and yet also let water drain. Water is held within, and drawn through, the capillary pore space of the porous ceramic particles. The non-capillary pore space lets water flow through the soil if it becomes saturated. Adding Profile Greens to sands will increase percolation rates and improve water availability.

Profile Greens reduces surface algal problems: By frequent light top dressings of Profile Greens, the excellent absorptive characteristics enable it to retain the moisture which is necessary for surface algal growth.



Product Detail

Profile Greens

Pack size: 22.68 kg
Pack coverage: Variable
RT order code: 0212302/

Profile Field & Fairway

Pack size: 22.68 kg
Pack coverage: Variable
RT order code: 0212306/

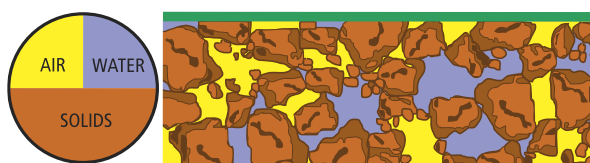
RECOMMENDED PERIOD OF USE

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

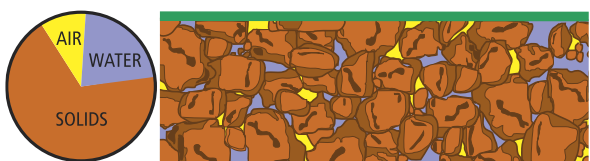


Soil structures explained



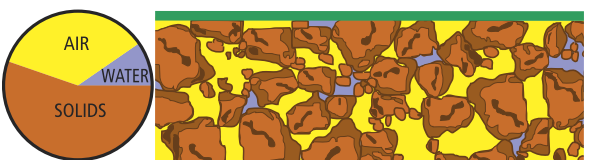
THE IDEAL SOIL

Ideal soil should contain 50% solid and 50% pore space. ($\frac{1}{2}$ capillary or water holding pore space and $\frac{1}{2}$ non-capillary or air-holding and drainage pore space)



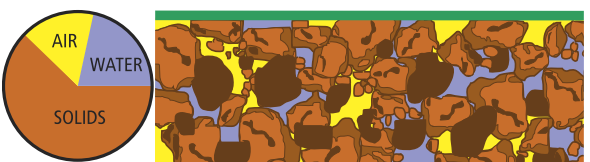
COMPACTED SOIL

Compacted soil reduces or eliminates the non capillary (air-holding and drainage) pore space



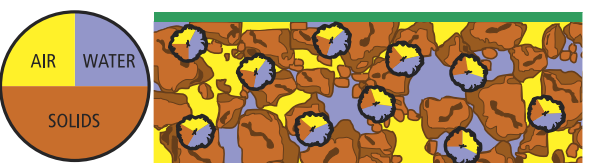
SAND SOIL

Sand soils resist compaction, but they have little water or nutrient retention ability.



SAND/PEAT MIX

(Percolation rate: 12-15" per hour).
Peat has been added to sand soils to increase water and nutrient retention. The problem is that peat or other organic materials tend to reduce water percolation rates and are relatively short-lived.



SAND/PROFILE GREENS MIX

(Percolation rate: 20-24" per hour) Profile brings sand back to the ideal soil conditions by balancing pore space. It improves percolation rates, water retention and nutrient retention.



Profile Greens should be used for high performance root zones e.g. golf greens, bowling greens whilst Profile Field & Fairway is ideal for use in most amenity areas like sportsgrounds and golf fairways,

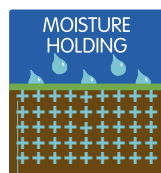
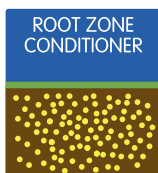




SPECIALITIES

Alize

A **soil conditioner** of porous granules that improve moisture and nutrient retention in the rootzone, increase aeration and Cation Exchange Capacity



WHY ALIZE

- › Alize is a natural zeolite
- › Zeolites help with the retention of nutrients in areas which include:
 - Sand root zones
 - Low existing CEC
 - Soil with high leaching potential
 - To moderate and balance nutrient inputs

How Alize works

Alize, applied either by top dressing or 'drill-and-fill' technique, confers the following benefits to turf applications:

1. Improves nutrient and fertilizer retention in the root zone.
2. Granules adsorb soluble Nitrogen and Potassium, reducing leaching of key nutrients.
3. Porous granules increase aeration resulting in healthier turf.
4. Improves establishment of newly sown turf.
5. Helps protect against the possibility of fertilizer scorch.
6. Robust granules resist soil compaction.



Zeolites are a family of crystalline aluminosilicate minerals. In common with other zeolites, **Alize** has a three dimensional cage-like structure consisting of SiO_4 and AlO_4 tetrahedra joined by shared oxygen atoms. The negative charges of the AlO_4 units are balanced by the presence of exchangeable cations which can be readily displaced by other substances, for example Ammonium ions. This phenomenon is known as 'cation exchange', and it is the high cation exchange capacity (CEC) of **Alize** which provides many of its useful properties.



Product Detail

Contains: 95% clinoptilolite

Pack size: 25kg

RT order code: 0212505/025

| APPLICATION RATES | | | | | | | | | | | |
|-----------------------------------|---------------|--|-------------------|--|--|--|--|--|--|--|--|
| Area of use | Alize | | Area | | | | | | | | |
| As top dressing or after aeration | 50-100kg | | 500m ² | | | | | | | | |
| | 1,000-2,000kg | | 1ha | | | | | | | | |

| 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



Nutrient Amino Range

Phos-Form

A Potassium and Phosphorus supplement with L-Form Amino Acids

- › Readily available source of Phosphorus in the form of Potassium Phosphite
- › Non-foaming liquid with multisite activity
- › Particularly useful in times of plant stress
- › Can be used on all types of established and seedling turfgrass



Product Detail

Contains: Potassium Phosphite (26.8% Phosphorus Pentoxide, 21.68% Potassium Oxide) with L-Form Amino Acids

Pack size: 5 litres

Pack coverage: Seedling turf: 1-2ha
Estab'd turf: 5,000-10,000 m²

RT order code: 0113141/05



K-Form

A unique foliar applied Potassium supplement for rapid correction in plant tissue

- › Contains L-Amino Acids enabling a fast uptake of Potassium into the plant
- › Improves disease tolerance
- › Low pH enables good compatibility including Calcium and Magnesium products



Product Detail

Contains: 25% Potassium (K₂O) and L-form Amino Acids

Pack size: 5 litres

Pack coverage: 10,000 m²

RT order code: 0113171/05



| PRODUCT | APPLICATION RATE kg/ha | WATER VOLUME litres/ha | SUGGESTED USE PERIOD | | | | | | | | | | | |
|-----------|---------------------------|---------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Phos-Form | 2.5-10 | 200-450 | | | | | | | | | | | | |
| K-Form | 5 | 300-500 | | | | | | | | | | | | |
| Mag-Form | 10 | Min. 300 | | | | | | | | | | | | |
| Cal-Form | 5 | 300-500 | | | | | | | | | | | | |
| Cal-Mg | 10 | Min. 300 | | | | | | | | | | | | |

Mag-Form

For the treatment of Magnesium deficiency in amenity turf

- › Formulation enables rapid leaf and root uptake of this element
- › Corrects Magnesium deficiency symptoms in the plant
- › Enhances chlorophyll molecule production



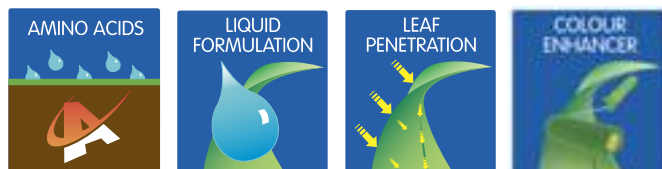
Product Detail

Contains: Magnesium complex (7.2% MgO) with L-Form Amino Acids

Pack size: 5 litres

Pack coverage: 5,000 m²

RT order code: 0113191/05



Cal-Form

Rapidly absorbed Calcium supplement for the treatment of Calcium deficiency in amenity turf

- › Contains L-Form amino acids enabling a fast uptake of Calcium into the plant, regardless of root zone conditions
- › Low pH which enables good compatibility, including K and Mg products
- › Improved disease tolerance by helping to build stronger cell walls



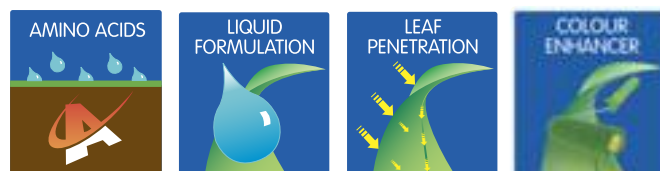
Product Detail

Contains: 11% Calcium (CaO) and L-form Amino Acids

Pack size: 5 litres

Pack coverage: 10,000m²

RT order code: 0113181/05



Cal-Mg

A foliar applied, balanced, rapidly absorbed Calcium/Magnesium supplement for use on amenity turf

- › Helps to maintain adequate levels of two vital nutrients
- › Aids the plant to recover from imbalances and ensures a proper Ca and Mg ratio for the plant
- › Magnesium is involved in the development of chlorophyll, the energy converting molecule in all green leaf tissue
- › Provides Calcium to enable leaf tissue strengthening



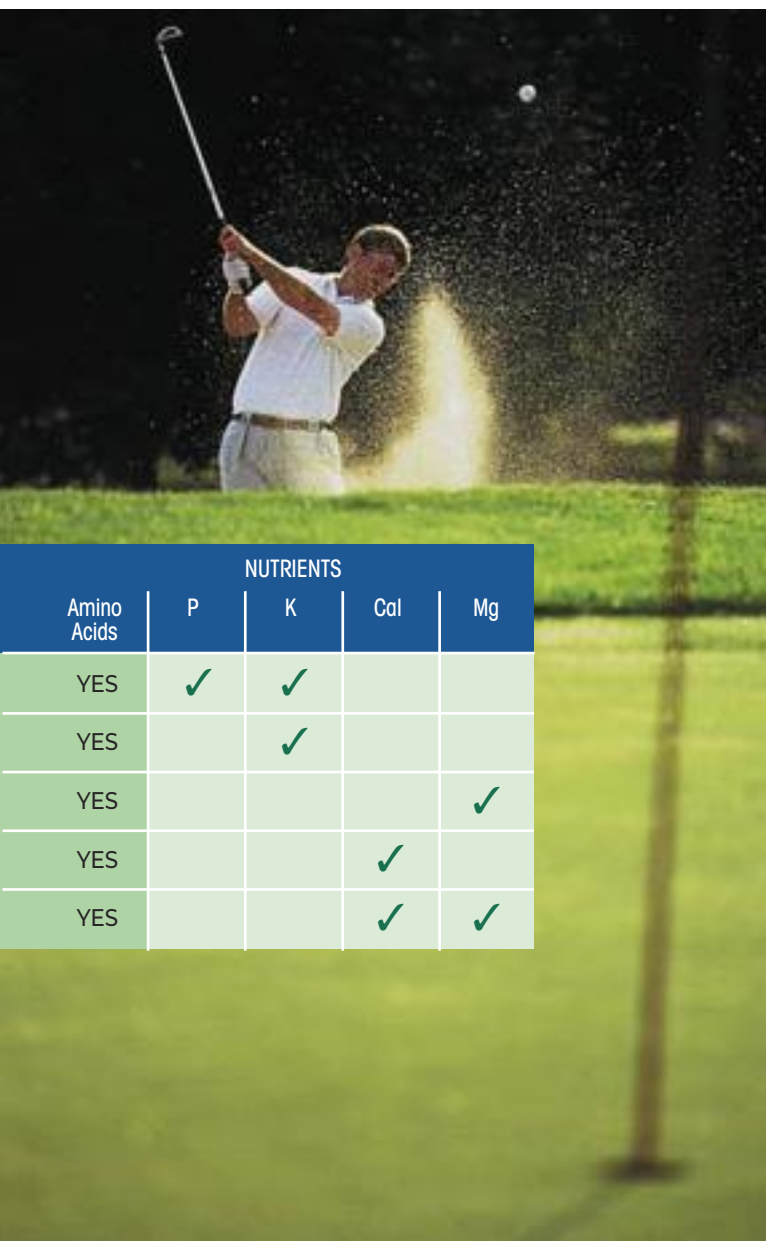
Product Detail

Contains: 5.5% Nitrogen, 6.5% Calcium (CaO), 2% Magnesium (Mg), 0.17% Boron (B), 4% free Amino Acids

Pack size: 5 litres

Pack coverage: 5,000 m²

RT order code: 0113182/05



| Amino Acids | NUTRIENTS | | | |
|-------------|-----------|---|----|----|
| | P | K | Ca | Mg |
| YES | ✓ | ✓ | | |
| YES | | ✓ | | |
| YES | | | | ✓ |
| YES | | | ✓ | |
| YES | | | ✓ | ✓ |



Micronutrient Range

Minor-8T

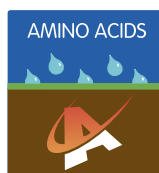
A comprehensive liquid trace element package

- › Complete range of trace elements co-formulated with essential Amino Acids to enable efficient uptake of all nutrients
- › Helps the plant recover from imbalances, caused by multiple nutrient deficiencies
- › Free Amino Acids are L-Form, the most biologically effective source for plants
- › Corrects non-diagnosed deficiencies for specific elements



Product Detail

Contains: Trace element package and L-Form Amino Acids
 Pack size: 5 litres
 Pack coverage: 10,000 m²
 RT order code: 0113135/05



Manganaze

For the treatment of Manganese deficiency in turf

- › Contains the element Manganese (Mn) to improve photosynthesis capability
- › Manganese increases lignification of cell walls as a defence mechanism against diseases
- › Iron Sulphate helps to lower pH and provides Iron nutrition
- › Contains plant sugars providing energy source to Fluorescent Pseudomonads (beneficial antagonistic bacteria)



Product Detail

Contains: Manganese (9.9% MnSO₄, Iron (Fe) 2.0%)
 Pack size: 5 litres
 Pack coverage: 2,500 m²
 RT order code: 0113131/05



| PRODUCT | APPLICATION RATE kg/ha | WATER VOLUME litres/ha | SUGGESTED USE PERIOD | | | | | | | | | | | |
|-----------|---------------------------|---------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Minor-8T | 5-10 | 300-500 | | | | | | | | | | | | |
| Manganese | 20 | 700 | | | | | | | | | | | | |
| Spike | 10 | 300-500 | | | | | | | | | | | | |
| Cu-Form | 5 | 300-500 | | | | | | | | | | | | |



Spike

Formulated with Potassium and Silicon to enhance plant integrity and produce a more resilient sward

- › Stimulates upright growth for a cleaner, more uniform cut
- › Increases green speed and improves ball roll
- › Speeds up healing of pitch marks and wear
- › Strengthens leaf blade by increasing cell wall turgidity
- › Reduces water loss (transpiration) during dry periods
- › Increases the number of Poa seed heads removed



Product Detail

Contains: 6% Silica (Si) and 7% soluble Potash (K_2O)
 Pack Size: 5 litres
 Pack Coverage: 5,000 m²
 RT Order Code: 0113176/05



Cu-Form

A Copper nutrient supplement to enhance photosynthetic processes, respiration and lignification

- › Provides protection from oxidative stresses
- › Rapid nutritional correction
- › Plays a role in diverse enzymatic reactions necessary for the mechanisms of reproduction and defence
- › Assist in the development of lignin, which is needed for cell wall strength



Product Detail

Contains: 5% w/w water soluble Copper (Cu), 5% free Amino Acids, 1% w/w total Nitrogen
 Pack Size: 5 litres
 Pack Coverage: 10,000 m²
 RT Order Code: 0113184/05



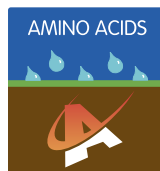
| Amino Acids | NUTRIENTS | | | | | | | | | | | | |
|-------------|-----------|---|-----|----|----|----|---|---|----|----|----|----|--------|
| | P | K | Cal | Mg | Fe | Mn | S | B | Cu | Mb | Zn | Si | Sugars |
| YES | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | | | | | ✓ | ✓ | | | | | | | ✓ |
| | ✓ | | | | | | | | | | | ✓ | |
| YES | | | | | | | | | ✓ | | | | |



SPECIALITIES

Amino-Form LX

A unique **Amino Acid based supplement** that gives turf maximum protection and recovery from stress



WHY AMINO-FORM LX

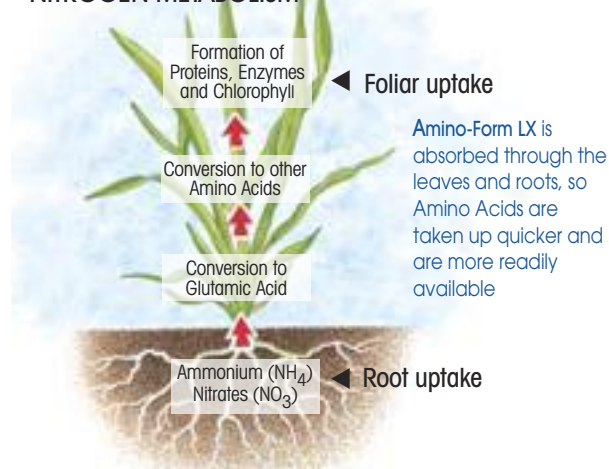
- › Improves stress resistance to, and enhances recovery from, drought, heat, cold, wear, excessive salinity and shade, water-logging, etc
- › Increases photosynthesis and chlorophyll content
- › Improves turf quality
- › Increases root growth of stressed turf
- › Enhances germination
- › Chelating properties gives improved absorption of nutrients
- › Unique tank mixing compatibilities

How Amino-Form LX works

Amino Acids are natural organic molecules that take part in all physiological processes. Plants store nutrients, especially Nitrogen, as Amino Acids or proteins. Under optimal growing conditions plants synthesize their own Amino Acids but at a significant expense in terms of energy. However, when stress situations occur, there is a greater demand for Amino Acids than the plant is able to meet. **Amino-Form LX** contains all the Amino Acids which are involved in turf health.

Amino Acids also have important chelating properties, chelates being formed by combining with important elements such as Iron, Manganese, Calcium, Magnesium and Copper. As a result, nutrients applied at the same time as **Amino-Form LX** will be more readily absorbed by roots and leaves.

NITROGEN METABOLISM



Amino-Form LX is absorbed through the leaves and roots, so Amino Acids are taken up quicker and are more readily available

An application of **Amino-Form LX** during stress periods allows considerable savings in energy which can then be channelled into essential physiological processes such as photosynthesis and protein formation (new growth).



Product Detail

Contains: L-form Amino Acids

Pack size: 5 litres

Pack coverage: 3,333 m²

RT order code: 0113155/05

| APPLICATION RATES | | | |
|--|---------------|--------------|-------------------|
| Area of use | Amino-Form LX | Water Volume | Area |
| Golf greens, bowling greens | 750ml | 25-30 litres | 500m ² |
| Golf tees, golf fairways, sportsfields | 15 litres | 500 litres | 1 ha |

RECOMMENDED PERIOD OF USE

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

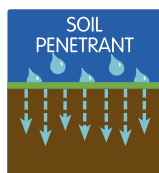
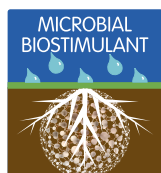
Use plant protection products safely. Always read the label and product information before use



SPECIALITIES

MicroDyne

All-in-one **organic cocktail** of micro- and macronutrients, chelated Irons, Amino Acids and biostimulants



WHY MICRODYNE

- › Liquid feed corrects plant deficiencies for healthy leaf and shoot growth
- › Contains chelated Iron to give rapid green up without over-stimulation
- › Creates the optimum food supply to boost beneficial bacterial activity
- › Contains a rootzone penetrant allowing the liquid to target where it is required
- › Provides relief from summer stress
- › Economical high longevity from a low dosage rate

How MicroDyne works

A low NPK organic liquid fertilizer ensures the plant is not deficient in any of the key major nutrients but ensures there is not over-stimulation leading to flushes of growth.

A soil penetrant enables the nutrients to move through the thatch layer and target the rootzone more effectively.

Chelated Irons are complex molecules that protect the biologically active ferrous Iron, preventing it from reacting with other substances and becoming unavailable to the plant. The Iron Chelates only break down once inside the plant ensuring all the Iron can be utilised by the plant.

Cold extracted seaweed ensures none of the essential properties of the seaweed are reduced.

18 Amino acids take part in the vital physiological processes such as photosynthesis and convert into essential plant proteins for new growth.

Trace element package All the micro-nutrients in MicroDyne are EDTA chelated for maximum plant uptake, and include Magnesium, Copper, Boron, Manganese, Molybdenum and Zinc.



Product Detail

Contains: N 1.2%, P₂O₅ 0.2%, K₂O 0.5%

Pack size: 20 litres & 200 litres

Pack coverage: 20 litres 2,000-4,000m²
200 litres 2-4 ha

RT order code: 20 litres 0112850/020
200 litres 0112850/200

| APPLICATION RATES | | | |
|---------------------------------------|------------|--------------|------|
| Area of use | MicroDyne | Water Volume | Area |
| Golf greens, golf tees | 100 litres | 500 litres | 1 ha |
| Golf fairways, outfields sportsfields | 50 litres | 500 litres | 1 ha |

RECOMMENDED PERIOD OF USE

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

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