



www.velvit.co.uk

Fertilisers, biostimulants and wetting agents for professional turf care

Vel·sea
seaweed extract

Aminaid

nyx
liquid

Velscape
Pro Landscaping Fertiliser



Fortitude

NMAXX

BESTWET

NUTRILONG
Controlled Release Fertiliser



COMMAND

TOTAL EVENT



TRACE

BLACK & GREEN
12%Fe 5%NiO

Purity
Soil Conditioner

First & Last

HORIZON
Large-Area Turf Wetting Agent



Contents



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Velvit products are only available through specialist distributors, see www.velvit.co.uk for the distributor list.

If you want to know more about Velvit, our products or distributors then please get in touch.

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Velvit Ltd.
Made in the UK
Shipped worldwide



Liquid Fertiliser Introduction

Liquid nutrients can provide the fastest plant responses with nutrients taken up via foliar application or by quickly penetrating the rootzone. The Velvit range includes a variety of technologies for best results on quality turf throughout the growing season.



Vel-sea seaweed extract is packed full of 17 amino acids, plant hormones, carbohydrates and trace elements.



Aminaid should be applied before and during periods of stress that may affect the turf such as drought, temperature extremes, salinity or excessive wear.



Fortitude iron liquids are formulated for easy application, reliable green-up and correction of iron deficiencies across a wide range of turf and soil conditions.



Onyx Liquid organic bio-stimulant fertiliser helps protect against stress and promotes recovery and plant health.



A range of high quality liquid NPK fertilisers providing targeted nutrition and simple, reliable application.



Velvit offers a comprehensive range of wetting agents specially designed for turf care to suit a variety of budgets and applications. Including **RESOLUTE**, **BESTWET**, **YUCCA** and **HORIZON**



NMAXX is a stabilised nitrogen fertiliser that provides extended nitrogen availability for up to 5 weeks.



Total Event, **First & Last** and **Snappy Green** are a range of fertilisers specially designed to provide a package of benefits for key periods in the growing cycle.



Trace-E liquid is a trace element solution specially formulated for rapid assimilation and correction of micronutrient deficiencies.





Liquid Seaweed Extract



Seaweeds have been used for millennia to improve soil fertility and crop production. Containing a host of plant active substances and nutrients, they are now recognised for their benefits as a biostimulant (a broad term for substances that benefit the plant in a manner not attributable to their nutrient content alone).

Liquid seaweed extracts are particularly important for helping turf deal with periods of stress, whether from drought, heat, salinity or periods of high traffic.

Vel-sea seaweed extract is packed full of 17 amino acids, plant growth hormones, carbohydrates and trace elements. It can be applied as a foliar or soil application to provide rapid benefits to the turf.

Vel-sea stimulates the plant's own response mechanisms to stress, helping it to mop-up damaging antioxidants and continue growing to protect itself at times when it might otherwise respond with dormancy and suffer cell damage. This why it is important to apply seaweed extract before the stress occurs, providing the turf with the ability to protect itself.

The balanced natural plant hormones in **Vel-sea** seaweed extract can also stimulate germination and plant establishment, while other compounds can act as chelators for nutrients and stimulate the beneficial microorganisms in the soil, with positive impacts on nutrient availability, water retention and aeration.

Vel-sea 20% Seaweed

Our 20% dry matter seaweed liquid solution is a highly concentrated biostimulant that contains an organic source of trace elements and plant stimulants.

- 200 grams of dry matter per litre minimum
- Packed with trace elements
- Apply on its own or tank mix as an advanced adjuvant for fertilisers and pesticides

Recommended application rate: 10-60L/Ha in 300-500L/Ha of water.
Available in 10L



Vel-sea



Vel-sea seaweed extract is derived from *Ascophyllum nodosum* harvested off the west coast of Ireland.

Vel-sea Cold-Pressed

Our high quality cold pressed seaweed extract derived without use of chemicals or heat.
Dry matter from *Ascophyllum nodosum* (9% w/v)

- Great source of trace elements and vitamins
- Plant hormones - auxins, cytokinins, gibberellins, and betaines
- 19 different amino acids

Recommended application rate: 20-80L/Ha in 300-500L/Ha of water.
Available in 10L



Vel-sea

Vel-sea 8% Seaweed

Our 8% dry matter seaweed liquid solution is a concentrated biostimulant that contains an organic source of trace elements and plant stimulants.

- 80 grams of dry matter per litre minimum
- Packed with trace elements
- Apply on its own or tank mix as an advanced adjuvant for fertilisers and pesticides

Recommended application rate: 20-80L/Ha in 300-500L/Ha of water.
Available in 10L



Vel-sea

Liquid Seaweed Fertilisers



Vel-sea seaweed extract can improve the health and establishment of turf all year round, with little and often applications prior to the onset of stressful conditions.

The **Vel-sea** range includes products that contain N-P-K fertilisers with added seaweed extract to work in conjunction with the applied nutrients, keeping your turf healthy, and prepared for the demands of professional turf management.

4-4-12 + 4% Seaweed

4-4-12 + 4% Seaweed is a low nitrogen, low phosphorous and high potassium fertiliser, with added seaweed that strengthens and increases the hardness of turf without causing unnecessary growth. The readily available phosphorous source stimulates root growth to ensure a healthy sward. This product is designed to be applied during stressful periods to improve turf health.

- Low nitrogen, high potassium formula
- Strength without lush growth
- Seaweed addition to boost health

Recommended application rate: 40-80L/Ha in 300-600L/Ha of water.
Available in 10L



Vel-sea

15-0-10 + 4% Seaweed

15-0-10 + 4% Seaweed is a high nitrogen and potassium, fast acting liquid fertiliser which contains additional seaweed.

The combination of a high concentration of nitrogen and potassium encourages top growth and increases stress tolerance.

Seaweed provides an organic source of trace elements in addition to encouraging healthy soil microbiology.

- Zero phosphate, balanced NK
- Promotes growth of root mass
- Seaweed addition to boost health

Recommended application rate: 40-80L/Ha in 300-600L/Ha of water.
Available in 10L



Vel-sea

Summary

Product analysis	N	P ₂ O ₅	K ₂ O	Seaweed Solids
Cold Pressed Seaweed				
8% Seaweed				
20% Seaweed				
4-4-12 + 4% Seaweed				
15-0-10 + 4% Seaweed				
16-2-8 + 4% Seaweed				

16-2-8 + 4% Seaweed

16-2-8 + 4% Seaweed is a specially formulated product with a 8:1:4 ratio providing a balanced feed.

Seaweed provides an organic source of trace elements in addition to encouraging healthy soil microbiology.

This mixture will improve the health of turf by increasing stress and disease resistance and by stimulating root growth. The quick-acting source of nitrogen will encourage an instant reaction in the grass generating top growth.

- Balanced all round NPK
- Quick uptake and results
- Seaweed addition to boost health

Recommended application rate: 40-80L/Ha in 300-600L/Ha of water.
Available in 10L



Vel-sea





Aminaid should be applied before and during periods of stress that may affect the turf such as drought, temperature extremes, salinity or excessive wear.

Amino acids are the building blocks from which proteins are made and essential to a wide range of metabolic processes for growth and plant health.

The amino acids stimulate growth and continuity of the turf's natural defence systems, providing a boost when the plants might otherwise become overwhelmed.

Chelating and complexing abilities of amino acids can also improve nutrient availability and acquisition by the plant's roots. Plus, by stimulating the beneficial microorganisms in the soil, amino acids can provide an overall boost to soil fertility helping the plant become more efficient and potentially reducing fertiliser application.

Apply 2-3 applications 10-14 days apart during critical growth stages or during periods of stress.

Aminaid Amino Foliar

Aminaid Amino Foliar is a specially designed formulation of amino acids for foliar application to supplement other fertilisers and turf chemicals.

This formula is taken up by the foliage resulting in a greater stress tolerance. Additionally, it aids the uptake of nutrients, improving the efficacy of other nutrient programs.

- **Increases nutrient uptake**
- **Improves stress tolerance in plants**
- **Tank-mix compatible with a variety of products**
- **Increases efficacy of other fertilisers and turf chemicals**

Recommended application rate: 5L/Ha in 300L of water
Available in 10L



Aminaid is a range of biostimulants based on 17 different amino acids that stimulate growth and boost protection against stressful conditions.

Aminaid Amino Root

Aminaid Amino Root is a specially formulated combination of amino acids, with seaweed extracts, humic acids and a unique vitamin B package.

This formula is designed to develop root mass and quality, as well as to aid seed germination and seedling vigour.

- **Apply during root growth periods**
- **Added seaweed extracts and humic acids**
- **Tank-mix compatible with a variety of products**
- **Increases efficacy of other fertilisers and turf chemicals**

Recommended application rate: 10L/Ha in 500L of water
Available in 10L



Liquid Iron Fertilisers

Iron is well known for its ability to provide a rapid visual green-up of turf without significantly stimulating growth. This is because iron plays a crucial part in the synthesis of chlorophyll.

Iron does not move easily around the plant hence frequent applications may be required to correct iron deficiencies (chlorosis), experienced as a paler colour or yellowing in younger leaves.

Iron also plays other important roles in the metabolism of the plant and contributes to the removal of toxic oxygen-radicals formed when the turf is subjected to stressful conditions. Supporting the plant's ability to remove free radicals prevents further damage to tissues and maintains healthy growth.

Iron also contributes to the synthesis and maintenance of structural components in the plant and plays a role in the plants response mechanism to disease. These aspects are often referred to as 'turf hardening' as they physically strengthen the turf and increase resistance to the onset of disease.

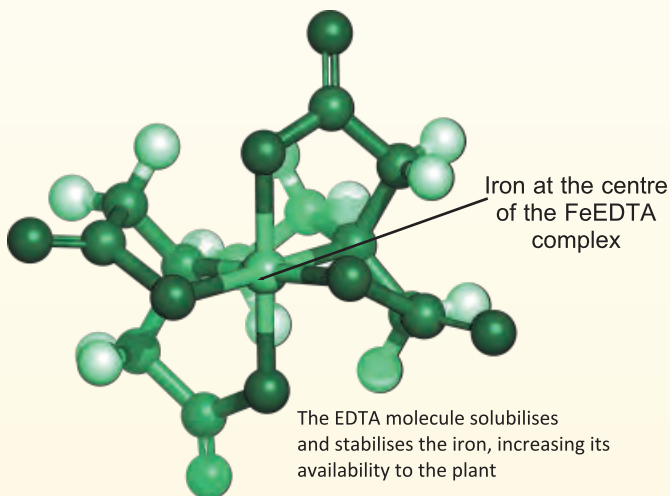


Fortitude iron liquids are formulated for easy application, reliable green-up and correction of iron deficiencies, across a wide range of turf and soil conditions, and can be applied all year round.

Fortitude Complex 6% Iron Liquid

Complex 6% Iron contains iron chelated with EDTA. Designed to give fast and prolonged green-up on all amenity swards, use it to correct iron deficiencies as well as provide grass health and cosmetic visual enhancement for the perfect playing surface.

Recommended for golf greens, tees, fairways, cricket squares and outfields, bowling greens, sports pitches and landscape amenity turf.



Recommended application rate: 30-80L/Ha in 300 to 500L of water
Available in 20L



Fortitude

Fortitude 6% Fairway Iron Liquid

Fairway 6% Iron is used to correct iron deficiencies and to encourage green-up in turf.

An economic solution for larger areas.

Ideally used before an event or as part of a hardening programme before periods of stress.

- **Cost effective solution for green-up**
- **Hardens turf**
- **Corrects iron deficiencies**

Recommended application rate: 30-80L/Ha in 300 to 500L of water
Available in 20L



Fortitude

Fortitude 6% Iron + Mn + Wetter

Used to correct iron deficiencies. The addition of manganese and wetting agent increases iron uptake in the turf, improving the efficacy of the product.

This product is excellent for green-up, ideal before an event or as part of a hardening programme before periods of stress.

- **Designed for greens and other fine turf areas**
- **Hardens turf**
- **Corrects iron and manganese deficiencies**

Recommended application rate: 30-80L/Ha in 300 to 500L of water
Available in 20L



Fortitude





Standard NPK Liquid Fertiliser



A range of high quality liquid NPK fertilisers providing targeted nutrition and simple, reliable application.

A spectrum of quality formulations are available to cover a wide range of seasonal nutritional requirements.

Suitable for spray application across a range of applications from sports turf, lawn care, agriculture and horticulture.



24-0-0

24-0-0 is a high nitrogen liquid fertiliser that stimulates the turf, encouraging a high amount of top growth. 24-0-0 is the ideal liquid fertiliser for turf that requires a lot of growth in a short time.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



20-0-10

20-0-10 is a high nitrogen and potassium fast-acting liquid fertiliser that is ideal for main growing season application. The combination of a high concentration of nitrogen and potassium encourages maximum sward density and increases stress tolerance.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



16-2-8

16-2-8 is a specially formulated product with a 8:1:4 ratio. This liquid fertiliser provides a balanced feed.

This mixture will improve the health of turf by increasing stress and disease resistances and by stimulating root growth.

The quick-acting source of nitrogen will encourage an instant reaction in the grass generating top growth.



- **A balanced feed to nourish from the roots to the sward**
- **Quick acting formula**

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



19-4-4

19-4-4 is a high nitrogen liquid fertiliser with low amounts of phosphorous and potassium, the ideal product for turf that requires an instant nitrogen boost whilst also receiving small amounts of potassium and phosphorous.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



12-0-12

12-0-12 is a balanced nitrogen and potassium liquid fertiliser that encourages top growth and increases stress tolerance.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



Standard NPK Liquid Fertiliser

3-0-20

3-0-20 is a low nitrogen and high potassium fast-acting liquid fertiliser, ideal for turf that requires stress resistance and turf hardening before stressful periods of the season.

The amount of nitrogen in the product is just enough to feed the turf without stimulating unnecessary growth.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



0-0-28

0-0-28 is a concentrated potassium fertiliser solution made from 100% potassium carbonate. The soluble potassium is available for immediate turf uptake and can correct potassium deficiencies quickly. The potassium solution will improve stress tolerance and disease resistance.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



4-4-12

4-4-12 is a low nitrogen, low phosphorous and high potassium fertiliser, that strengthens and increases the hardness of turf without encouraging unnecessary growth.

This product is designed to be applied during stressful periods to improve turf health.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



0-0-16

0-0-16 is a high potassium liquid fertiliser, that is useful for turf requiring additional turf hardening or stress resistance before stressful periods of the season.

Recommended application rate: 40-100L/Ha in 300 to 500L of water. Available in 20L



Summary

Product analysis	N	P ₂ O ₅	K ₂ O	CaO	S
24-0-0					
20-0-10					
19-4-4					
16-2-8					
12-0-12					
4-4-12					
3-0-20					
0-0-16					
0-0-28					





Onyx Liquid Biostimulant



Onyx liquid is an organic biostimulant fertiliser. A rich black liquid, made from plant-based materials; **Onyx liquid** provides high-levels of amino acids, plus nitrogen and potassium as well as phosphorous, trace elements and carbohydrates.

Onyx liquid provides not only the nutrition for growth and root development, but also provides a biostimulant effect to encourage germination, establishment and resistance to environmental stress factors.

**ORGANIC
FERTILISER**

**AMINO
ACIDS**

**BIO-
STIMULANT**

NITROGEN

POTASSIUM

**TRACE
ELEMENTS**

**Enhances seed germination
Improves root growth
Promotes beneficial bacteria
Conditions against stress**

Onyx Liquid Foundation

Onyx Liquid Foundation contains nitrogen, potassium, trace elements and significant levels of amino acids. Helps to reduce stress in plants that can arise from weather, or from the overuse of pesticides and fertilisers. Using this product all season will increase the overall health of the turf, repairing damage and providing a high quality turf.

Analysis % (N, P₂O₅, K₂O) 5.3 - 0.1 - 2.5
Recommended application rate 20 to 60L/Ha in 300
to 500L/Ha of water.
Available in 10L



Onyx Liquid Iron

Onyx Iron is an organic plant-based liquid fertiliser with additional iron. The addition of iron strengthens the turf and encourages green-up immediately.

Analysis % (N, P₂O₅, K₂O) 4.6 - 0.1 - 2.0 + 1Fe
Recommended application rate 20 to 60L/Ha in 300
to 500L/Ha of water.
Available in 10L



Onyx Liquid Sugar Plus

Onyx Liquid Sugar Plus is a sugar enriched product that develops the soil biology and greatly improves soil structure. This improves the health of the plant and further increases disease and stress tolerance.

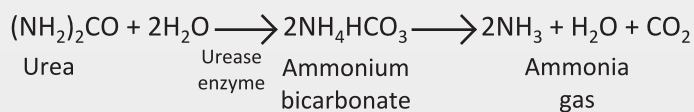
Analysis % (N, P₂O₅, K₂O) 4.2 - 0.1 - 2.0 +16% Carbohydrates
Recommended application rate 20 to 60L/Ha in 300
to 500L/Ha of water
Available in 10L



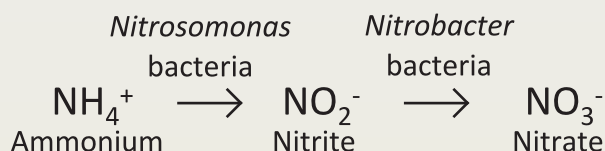
NMAXX Slow Release Fertilisers

NMAXX liquids can provide up to 5 weeks of nitrogen availability and provide protection against all three forms of nitrogen loss - leaching, denitrification and volatilisation.

Our slow release liquids contain **NMAXX**, a stabilised nitrogen fertiliser with urease inhibitors that help prevent the naturally occurring urease from breaking down urea, as well as nitrification inhibitors that slow the conversion of ammonium to nitrate.



Nitrogen can be lost to the atmosphere as ammonia gas, a process commonly called volatilisation. The liquid formulation of our products quickly moves below the soil surface and acts on the urease enzyme to slow down conversion of urea to ammonium bicarbonate. Ammonium bicarbonate is unstable and breaks down to ammonia where it is either absorbed by the soil or escapes as ammonia gas.



The nitrification inhibitor suppresses the *Nitrosomonas sp.* bacteria, delaying the conversion of ammonium to nitrite and subsequent conversion to nitrate. The ammonium ion is retained quite effectively by bonding with the soil and it stays in this form for longer. This reduces the availability of the nitrate to leach away and extends the availability of nitrogen to the plants.

'NMAXX extends availability of Nitrogen up to 5 weeks and reduces losses to the atmosphere and leaching'



NMAXX 28-0-0 Slow Release Liquid

28-0-0 slow releasing liquid fertiliser is a stabilised nitrogen fertiliser that contains urease and nitrification inhibitors.

Provides longevity of up to 5 weeks.

- **Straight high nitrogen boost**
- **Foliar and root uptake**

Recommended application rate: 40-80L/Ha in 300 to 500L of water
Available in 10L



NMAXX 15-0-12 Slow Release Liquid

15-0-12 slow releasing liquid fertiliser is a stabilised nitrogen fertiliser that contains urease and nitrification inhibitors. In addition to nitrogen, potassium is included to increase resistance to stress and disease in the turf.

Provides longevity of up to 5 weeks.

- **Balanced NK ratio**
- **Foliar and root uptake**

Recommended application rate: 40-100L/Ha in 300 to 500L of water
Available in 10L



NMAXX 6-2-12 Slow Release Liquid

6-2-12 slow releasing liquid fertiliser is a stabilised nitrogen fertiliser with additional potassium and phosphorous. Potassium is included to increase resistance to stress and disease in the turf. Phosphorous helps stimulate root growth in the turf. Provides longevity of up to 5 weeks.

- **Autumn NPK ratio**
- **Foliar and root uptake**

Recommended application rate: 40-100L/Ha in 300 to 500L of water
Available in 10L





BE READY

Total Event is an all-in-one fertiliser designed for main season application that hardens turf, stimulates root development, encourages green-up, increases tolerance to stress and disease and also encourages soil microbiology.

Total Event contains nitrogen, potassium, iron, magnesium, seaweed, yucca natural wetting agent and indicator dye.

Can be used as a high quality feed or for application before an event to revive stressed or depleted areas of turf.

Analysis: 14-0-6 + 0.5%MgO + 0.5%Fe. Seaweed, trace elements, fulvic acid, teal dye, wetting agent. Fe chelated by EDTA.

Recommended application rate: 40-100L/Ha in 300 to 500L of water
Available in 10L



Complete Liquid Fertilisers

First & Last is an all-in-one fertiliser designed for autumn to spring application. It hardens turf, stimulates root development, encourages green-up, increases stress and disease tolerance and encourages soil microbiology.

First & Last can be used to provide maximum protection against stress and disease and for maintaining high quality turf during the autumn to spring months.

It contains nitrogen, potassium, iron, seaweed, trace elements and yucca natural wetting agent.

- **Low nitrogen level to prevent unnecessary growth**
- **Potassium increases tolerance to stress and disease**
- **Tank-mix compatible with a variety of products**
- **Organic source of trace elements**
- **Stimulates root development**
- **Encourages soil microbiology**

Analysis: 2.5-0-8 + 0.5%Fe + Trace Elements with Seaweed, Fulvic Acids, Wetting Agent and Indicator Dye

Recommended application rate: 40-100L/Ha in 300 to 500L of water
Available in 10L



First & Last



TRACE-E trace elements

Trace-E liquid is a trace element solution specially formulated for rapid assimilation and correction of micronutrient deficiencies.

Trace-E contains magnesium, iron, copper, manganese, zinc, boron and molybdenum.



	%
MgO	1.32
Fe	1.32
Mn	0.32
Zn	0.18
B	0.14
Cu	0.03
Mo	0.02
SO ₃	2.56

Recommended application rate: 20-40L/Ha in 300 to 500L of water
Available in 10L



TRACE-E

Snappy Green

A fast acting all-in-one green-up product designed to rapidly increase chlorophyll content when quick results are needed. Containing quickly assimilated nutrients combined with our unique Onyx amino acid complex to aid uptake and minimise stress. Addition of a high quality wetting agent aids the spread and efficacy of the active ingredients.



SNAPPY GREEN

Analysis: 4-0-2 +4 MgO +1% Fe with Onyx and wetting agent
Recommended application rate: 20-40L/Ha in 300 to 500L of water
Available in 10L





Wetting Agents

Yucca Wetting Agent



YUCCA liquid concentrate is a natural extract derived from the *Yucca schidigera* plant that grows in the deserts of the Americas. Yucca plants produce high levels of natural surfactants and steroid saponins that enable them to survive in harsh habitats with extreme heat, drought and soil salinity.

YUCCA is a natural alternative to synthetic wetters that is completely nonphytotoxic to turfgrass and plants, even when used in hot weather. Add to tank mixes or fertigation systems to enhance water and nutrient uptake, and improve pesticide performance.

Available in 10L



YUCCA is also an effective organic biostimulant that increases water uptake and root growth for better plant quality and stress tolerance.

Application: **Monthly** 18-30 L/Ha in 500-1000L/Ha of water. **Dry patch treatment** 500-1000L/Ha diluted 1:1

Bestwet Wetting Agent



BESTWET is a liquid non-ionic wetting agent that has been developed for use on amenity grass, golf greens and tees. It is designed to help prevent the occurrence of localised dry patch (LDP) which prevents healthy grass growth.

BESTWET will allow water/moisture to move down deeper into the rootzone by lowering the interfacial tension between water and other substrates. It also enables water to spread out laterally throughout the soil profile giving maximum stress relief to all plants and reducing vital plant count loss.

Non-scorch. Some surfactants can have powerful emulsifying effects on hydrophobic materials – overuse (too often or at too high a concentration) can potentially strip away important constituents from the plant and lead to a 'scorching' effect.

Application: **Monthly** 20-40 L/Ha in 400-800L/Ha of water. **Every 90 days** 50L/Ha in 600-800L/Ha of water.

Available in 10L



Now available as concentrated tablets:

BestWet 3Kg irrigation tank tablet for irrigation or bulk storage tanks.



BestWet hose-end tablet suitable for the majority of end hose applicator guns (tablet size: 90mm x 64mm)



Available in 3Kg tub and Hose-End Tablets



Wetting Agents

RESOLUTE Wetting Agent

EXTENDED PERFORMANCE WETTING AGENT

RESOLUTE is a leading solution in the prevention and resolution of LDP (Localised Dry Patch) formation that can arise from the breakdown of plant matter, animal sources and critically low soil moisture content.

RESOLUTE Wetting Agent works by reducing the interfacial tension between soil substrates and water.

RESOLUTE Wetting Agent has exceptional penetrating power, allowing water to move through the soil system more effectively than the majority of other wetting agents on the market. Providing a strong defence against localised dry patch.

Available in 10L Application: 10-20 L/Ha in 300-900L/Ha of water.



'RESOLUTE has a long residence time (up to 90 days) and is completely biodegradable, leaving no trace of the wetting agent after this period'

Horizon Wetting Agent



HORIZON

Large Area Turf Wetting Agent

HORIZON is a cost-effective wetting agent and powerful penetrant that will promote even wetting and reduced water consumption over large areas. It provides a residual wetting ability for sustained benefits after application.

A monthly application programme is recommended over the growing season.

Use HORIZON before, during and after the occurrence of problems to provide protection, conditioning and stress relieving benefits.

HORIZON can be used in a tank mix to improve the distribution and efficacy of fertiliser and other treatments. Always conduct a test-mix before use.

Application: 10 L/Ha in 200-450L/Ha of water.

Available in 10L



Granular Fertiliser Introduction

Velvit incorporates the latest technologies into a range of granular fertilisers and biostimulants to offer a complete solution for the most demanding requirements of modern turf care.



High quality blended fertilisers with perfectly matched and uniform 2-3mm particles for even spinner throw distance. The range provides a solution for the full growing season.



Black & Green is a powerful granule containing high levels of both iron and magnesium. Its high level of iron causes moss blackening and intense green-up.



Command is a range of homogeneous fertilisers designed to consistently deliver premium nutrition on the most demanding turf areas.



Onyx is a granular bio-stimulant fertiliser that protects against stress and promotes optimum plant health and recovery.



Designed to release nutrients carefully over time, the Nutrilong range uses a very precise polymer coating technology to provide an extended supply of nutrition to the sward.



Velscape is a complete range of landscaping fertilisers designed for rapid establishment and healthy development of turf, trees and shrubs.



Granular Fertilisers

Velvit Standard granular fertilisers are perfectly matched and uniform 2-3mm particles, blended together to give an even spinner throw distance. For use on larger areas cut above 10mm, where cost effective applications are required, whilst maintaining professional, high quality results. This range covers the full growing season and supplies all the nutrients required.



14-3-6 (2-3mm)

Higher nitrogen spring and summer fertiliser containing readily available nutrients for colour, growth, sward density and plant health.

Available in 20Kg



8-4-16 (2-3mm)

High potassium, lower nitrogen fertiliser, ideal for autumn applications or where a low N input regime is implemented.

Available in 20Kg



Summary

Product analysis	N	P ₂ O ₅	K ₂ O
8-4-16	8	4	16
9-16-12	9	16	12
14-3-6	14	3	6

9-16-12 (2-3mm)

High phosphate fertiliser, ideal for pre-seed, pre-turf or over-seeding applications. Boosts root development, establishment and disease resistance.

Available in 20Kg



12%Fe 5%MgO (1-2mm) BLACK & GREEN

Black & Green is a powerful granule containing high levels of both iron and magnesium.

Its high level of iron causes moss blackening and intense green-up even at normal application rates.

It contains a high level of magnesium which works with the iron to support chlorophyll production.

The homogeneous granules mean that an even colour can be achieved when applied at lower application rates.

Black & Green can be applied at any time of year providing there is no frost and provides a typical longevity of 4-6 weeks.

Use to maintain rich green turf all year round.

Available in 20Kg



A whole world greener
High iron and magnesium granular fertiliser





Command Homogeneous Fertilisers Slow Release



High quality mini homogeneous granular fertilisers with 50% of the nitrogen sourced from slow release methylene urea.

Each granule of Command is designed to contain the full nutrient package for the most even nutrient distribution, ensuring consistency of sward colour, growth and performance.

15-6-15 + 0.4% MgO + 0.5% Fe (1-2mm)

The perfect balance for spring and summer application when all major nutrients are required.
50% of nitrogen from methylene urea.

• Slow Release

Available in 20Kg



16-0-16 +2%MgO + 1%Fe + TE (1-2mm)

Zero phosphate spring and summer application for high value short cut swards.
50% of nitrogen from methylene urea.

• Slow Release

Available in 20Kg



13-0-26 +1%Fe + TE (1-2mm)

Ideal early or late application for high value, short cut swards.
50% of nitrogen from methylene urea.

• Slow Release

Available in 20Kg



16-12-8 + Zn + TE (1-2mm)

High phosphate application, ideal for seeding, overseeding and promotes fast root development.
50% of nitrogen from methylene urea.

• Slow Release

Available in 20Kg



Summary

Product analysis	N	P ₂ O ₅	K ₂ O	MgO	Fe
4-0-4 + 9%Fe	4	0	4	0	9
7-0-14 +2%MgO 4%Fe	7	0	14	2	4
14-2-8 +1.2%MgO 2%Fe	14	2	8	1.2	2
12-10-20 +4%MgO	12	10	20	4	0
13-0-26 + 1%Fe +TE	13	0	26	0	1
16-0-16 + 2%MgO 1%Fe +TE	16	0	16	2	1
16-12-8 +Zn +TE	16	12	8	0	0
15-6-15 +0.4%MgO 0.5%Fe	15	6	15	0.4	0.5

Command Homogeneous Fertilisers Standard Release

14-2-8 + 1.2%MgO + 2%Fe (1-2mm)

Spring and summer fine turf fertiliser containing the NPK ratio required for the growth stage of the season. Perfectly balanced to replace the nutrients removed at mowing and to encourage tillering, and so thickening up of the sward into the perfect playable surface. Standard release nitrogen.

Available in 20Kg



7-0-14 + 2%MgO 4%Fe (1-2mm)

The perfect low N, high K fertiliser for nutrient programmes that aim to minimise annual nitrogen application.

Particularly useful as an autumn application with the inclusion of magnesium and iron, boosting plant health, leaf colour and winter hardiness.

Specially formulated with seaweed and zeolites to increase cation exchange capacity, provide trace elements and to stimulate the uptake of nutrients. Standard release nitrogen.

- Includes seaweed and zeolite

12-10-20 + 4%MgO (1-2mm)

Complete NPK fertiliser, ideal for where phosphate has become a limiting factor to turf health and root development. Use at any time throughout the season and boost with nitrogen applications when needed. Standard release nitrogen.

Available in 20kg



Available in 20Kg



4-0-4 + 9%Fe (1-2mm)

A technical turf hardener suitable for application at any time of the year, particularly the beginning or end of the season when lower levels of nutrients are required. Standard release nitrogen.

Available in 20Kg



The Command range of homogeneous granular fertilisers is manufactured to deliver nutrients evenly and consistently on the most demanding and valuable turf areas





Controlled Release Fertilisers 3 Months Longevity

NUTRILONG V90

Designed to release nutrients carefully over time, this range uses **Nutrilon V90** with a very precise polymer coating technology to provide an extended supply of nutrition to the sward.

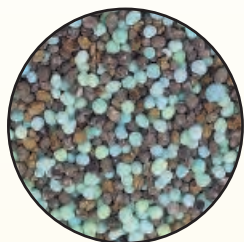
The coating minimises losses of nutrients through volatilisation and leaching so providing cost saving and environmental benefits.

Nutrilon helps the sward keep an even colour, playability and health without peaks of tenderness, excessive growth or nutrient hunger.

20-5-10 + 2%MgO 70%V90 (1-2mm)

The perfect spring and summer controlled release fertiliser giving 3 months supply during the main season.

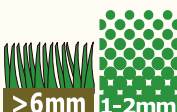
This product contains 3 sources of nitrogen with good levels of instant release to provide quick colour, as well as 70% of the nitrogen trickle feeding the turf over the 3 month period. As a 1-2mm granule, this fertiliser provides high numbers of particles per square metre so maximising the evenness of coverage over the sward.



Available in 20Kg



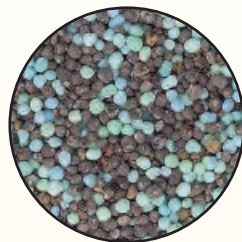
**NUTRILONG
V90**



18-8-16 + 3.2%MgO 46%V90 (1-2mm)

A 3 month release 1-2mm fertiliser with raised levels of potassium whilst still maintaining good levels of nitrogen, phosphorus and magnesium.

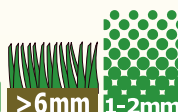
Contains good levels of instant release N to provide quick colour, as well as 46% of the nitrogen trickle feeding the turf over the 3 month period. As a 1-2mm granule, this fertiliser provides high numbers of particles per square metre so maximising the evenness of coverage over the sward.



Available in 20Kg

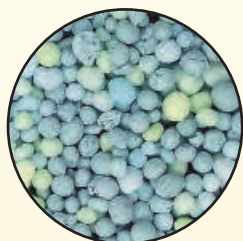


**NUTRILONG
V90**



15-10-16 + 2.3%MgO 30%V90 (2-3mm)

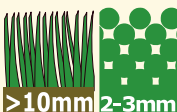
Containing boosted levels of potassium as well as good levels of nitrogen, phosphorus and magnesium. This product has high levels of fast release, instant effect nutrients whilst still maintaining longevity of supply with 30% coated nitrogen. Ideal for the sward that needs a quick boost to its colour and condition.



Available in 20Kg

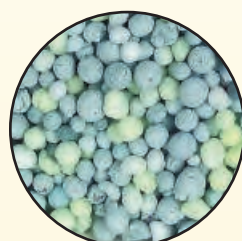


**NUTRILONG
V90**



23-7-12 + 1.7%MgO 67%V90 (2-3mm)

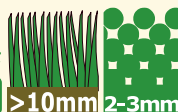
Our high performance 3 month release fertiliser in 2-3mm granule size. Ideal for all higher cut swards where precise longevity is required throughout the spring and summer period. This product contains 3 sources of nitrogen with good levels of instant release to provide quick colour as well as 67% of the nitrogen trickle feeding the turf over the 3 month period.



Available in 20Kg



**NUTRILONG
V90**



Controlled Release Fertilisers 5-6 Months Longevity

NUTRILONG V180

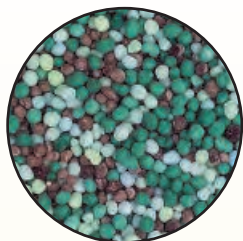
A range of granular fertilisers designed with **Nutrilon V180** to release their nutrients over a period of 5-6 months. Providing sustained nutrition with nutrient profiles designed to nourish and maintain the turf for optimum health, performance and appearance.

A long steady release profile reduces the number of applications required and minimises nutrient loss through volatilisation and leaching, to provide both cost and environmental benefits.

29-4-8 + 1.7%MgO 83%V180 (1-2mm)

High nitrogen spring and summer fertiliser containing readily available nutrients for colour, growth, sward density and plant health.

Suitable for pitches, tees, surrounds, fairways, lawns and turf cut to 6mm and above.



Available in 20Kg



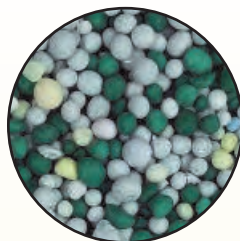
**NUTRILONG
V180**



28-5-8 + 1.2%MgO 80%V180 (2-3mm)

High nitrogen spring and summer fertiliser containing readily available nutrients for colour, growth, sward density and plant health.

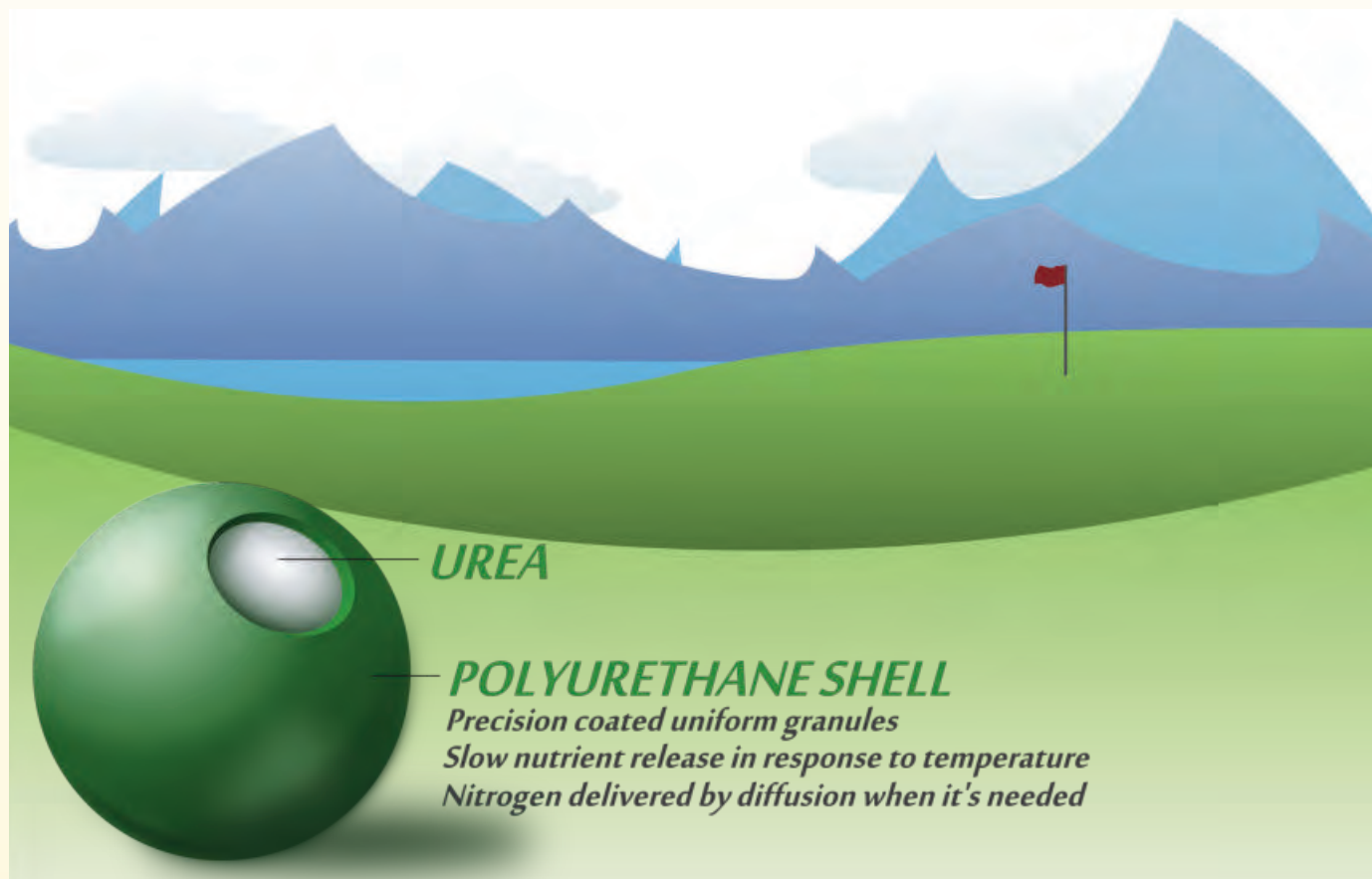
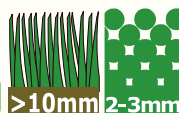
Suitable for fairways, pitches, surrounds, lawns and turf cut to 10mm and above.



Available in 20Kg



**NUTRILONG
V180**

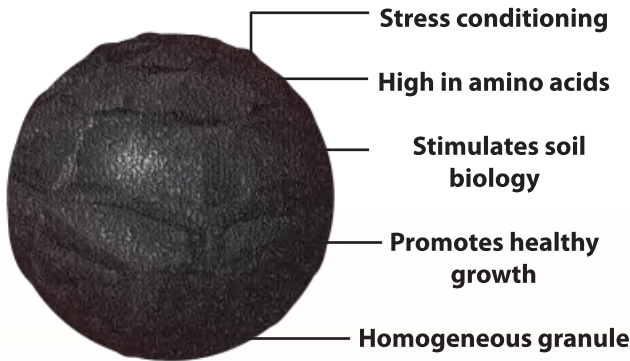




Onyx Mini Granular



Enhances seed germination
Improves root growth
Promotes beneficial bacteria
Conditions against stress



Onyx Mini Granules (1-2mm)

Onyx organic bio-stimulant fertiliser is an organic source of nitrogen, potassium, trace elements and significant levels of amino acids. Onyx helps protect against stress and promotes recovery from harsh weather conditions and mowing, as well as the use of pesticides and fertiliser. Mini size granules make it ideal for greens and close-cut turf.

Typical Analysis: 10-0-4, 11% Amino acids.



Amino Acid	Percentage
Alanine	1.4
Arginine	0.21
Aspartic Acid	0.71
Cystine	0.08
Glutamic Acid	6.6
Glycine	0.3
Histidine	0.00
Isoleucine	0.22
Leucine	0.3
Lysine	0.19
Methionine	0.27
Phenylalanine	0.18
Proline	0.18
Serine	0.09
Threonine	0.15
Tyrosine	0.13
Valine	0.39
Total	11.5

Recommended application rate: 350 - 500 Kg/Ha
Available in 20Kg

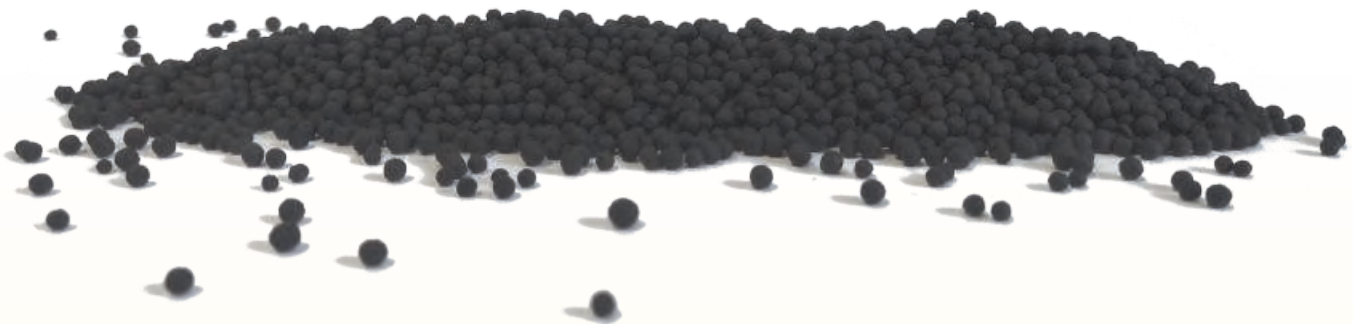


Onyx Regular Granular

Onyx organic bio-stimulant fertiliser is an organic source of nitrogen, potassium, trace elements and significant levels of amino acids.

Onyx is ideal for application to stressed areas and areas undergoing renovation or seeding.

The natural amino acids encourage development of the soil microbiology and create nutrient complexes that can help improve soil structure, increase the availability of nutrients and contribute to the ongoing health of the turf.



Onyx Regular Granules (2-3mm)

Onyx organic bio-stimulant fertiliser is an organic source of nitrogen, potassium, trace elements and significant levels of amino acids. Onyx helps protect against stress and promotes recovery from harsh weather conditions and mowing, as well as the use of pesticides and fertiliser.

Typical Analysis: 10-0-4, 11% Amino acids.



Amino Acid	Percentage
Alanine	1.4
Arginine	0.21
Aspartic Acid	0.71
Cystine	0.08
Glutamic Acid	6.6
Glycine	0.3
Histidine	0.00
Isoleucine	0.22
Leucine	0.3
Lysine	0.19
Methionine	0.27
Phenylalanine	0.18
Proline	0.18
Serine	0.09
Threonine	0.15
Tyrosine	0.13
Valine	0.39
Total	11.5

Recommended application rate: 350 - 500 Kg/Ha
Available in 20Kg

Jan  Dec





Velscape Landscaping Fertiliser



Preseed (2-3mm)

6-9-6 high Phosphorous formulation to encourage root establishment and growth of newly seeded areas, ideal for laying of turf or for phosphorous amendment.

Velscape fertilisers are designed to ensure the rapid establishment and healthy development of turf, trees and shrubs. The carefully formulated range of landscaping fertilisers will help the landscaper match the product to the requirements of the job, resulting in less wastage and greener, healthier plants.

Spring Summer (2-3mm)

12-6-6 spring / summer high nitrogen NPK to give a good all-round feed and encourage growth and green up during the main growing season.

Available in 20Kg



Tree and Shrub (2-3mm)

4-19-10 + 8%MgO formulated for an all-round slow release feed for trees and shrubs developed to feed nutrient for 5-6 Months. High phosphorous levels designed to develop roots and high magnesium to strengthen plants and increase hardiness.

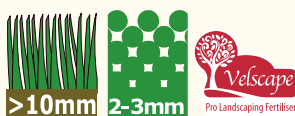
Available in 20Kg



All Season (2-3mm)

7-7-7 a multipurpose fertiliser with a balanced NPK for use on turf, border plants and vegetables.

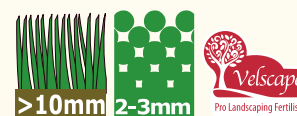
Available in 20Kg



Autumn / Winter (2-3mm)

4-12-12 autumn / winter standard release fertiliser designed to strengthen the plant as it approaches the colder months reducing risk of disease. Contains low levels of nitrogen so it does not encourage soft growth and disease.

Available in 20Kg



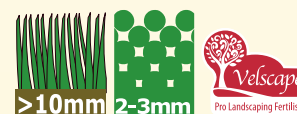
All Season (2-3mm)

15-5-10 slow release formulation giving an all-round feed for up to 3 months. Ideal for use throughout the main growing season. 3 phased nitrogen release includes Nutrilong V90.

Available in 20Kg



Available in 20Kg





Spreader Settings and Info

Granule size guide



Mini Granular Fertiliser:

0.7 - 1.9mm. 150 SGN

Ideal for greens, lawns and any close-cut turf. Ensures the highest coverage and uniformity. Effectively penetrates the sward. Suitable for grass cut above 3mm or 6mm for controlled release.



Graded Fertiliser:

1.9 - 2.9mm. 250 SGN

Provides a greater economy than Mini and still provides effective coverage. Ideal for lawns, parks, and less technical turf applications. Suitable for grass cut to 10mm or above.



Important analysis information

Oxide values

All nutrient analysis values are quoted as the oxide value, even when not explicitly stated as such, for example P is quoted as P_2O_5 .

w/v

All liquid analysis values are quoted as w/v (weight/volume) rather than w/w (weight/weight)

Please get in touch if you need any help or advice with any aspect of our products.

Typical Areas of Use

		Typical Areas of Use	
Golf Green		365-640 m ²	400 – 700 yd ²
Football Pitch	Small	91.4 x 46.0 m 100.0 x 50.0 yds	4,204 m ² 5,000 yd ²
	Large	119.0 x 91.4 m 130.0 x 100 yds	10,877 m ² 13,000 yd ²
Tennis Court	Reg	23.8 x 11.0 m 26.0 x 12.0 yds	262 m ² 312 yd ²
	Full	36.6 x 18.3 m 40.0 x 20.0 yds	670 m ² 800 yd ²
Hockey Pitch	Small	91.4 x 50.0 m 100.0 x 55.0 yds	4,570 m ² 5,500 yd ²
	Large	91.4 x 55.0 m 100.0 x 60.0 yds	5,027 m ² 6,000 yd ²
Gaelic Athletic Association (GAA)	Small	130.0 x 80.0 m 142.0 x 87.0 yds	10,400 m ² 12,354 yd ²
	Large	145.0 x 90.0 m 158.0 x 98.0 yds	13,050 m ² 15,484 yd ²
Bowling Green		38.4 x 38.4 m 42.0 x 42.0 yds	1,475 m ² 1,764 yd ²
Lacrosse		137.0 x 73.0 m 150.0 x 80.0 yds	10,001 m ² 12,000 yd ²
Cricket Square		27.4 x 27.4 m 30.0 x 30.0 yds	752 m ² 900 yd ²
Rugby Pitch		100.0 x 69.0 m 110.0 x 75.0 yds	6,900 m ² 8,250 yd ²
Croquet		32.0 x 26.0 m 35.0 x 28.0 yds	832 m ² 980 yd ²

Spreader Settings		SINGLE PASS					
		Granule Size	20g/m ²	25g/m ²	30g/m ²	35g/m ²	40g/m ²
Homogenous	Standard Release	1-2mm	4, M	4, N	4, O½	4, P½	4, Q½
		2-3mm	4, O	4, P	4, Q	4, S	4, T½
Blended	Standard Release	2-3mm	-	4, Q	4, R½	4, T½	4, V
Controlled Release	3 Month Controlled Release	1-2mm	4, N	4, O	4, P	4, R	4, S
		2-3mm	-	4, Q	4, R½	4, T½	4, V
	5-6 Month Controlled Release	1-2mm	4, N	4, O	4, P	4, R	4, S
		2-3mm	-	4, Q	4, R½	4, T½	4, V

Spreader settings are for guidance only based on Accupro SR-2000, actual rates may vary according to variations in machine, technique and weather conditions.

Complete Product List

Vel-sea Liquid Seaweed Range	4-5	Black & Green 12%Fe 5%MgO	17
Cold Pressed			
20% Seaweed			
8% Seaweed			
4-4-12 +4% Seaweed			
15-0-10 +4% Seaweed			
16-2-8 +4% Seaweed			
Aminaid Amino Biostimulants	6	Granular Standard	17
Aminaid Amino Foliar		14-3-6 (2-3mm)	
Aminaid Amino Root		8-4-16 (2-3mm)	
		9-16-12 (2-3mm)	
Fortitude Liquid Iron	7	Command Slow Release	18
6% Liquid Fairway Iron		15-6-15 +0.4%MgO +0.5%Fe (1-2mm)	
6% Iron + Mn + Wetter		16-0-16 +2%MgO + 1%Fe + TE (1-2mm)	
6% Complex Iron Liquid		13-0-26 +1%Fe +TE (1-2mm)	
		16-12-8 +Zn +TE (1-2mm)	
Standard Liquid NPK	8-9	Command Standard Release	19
4-4-12		14-2-8 +1.2%MgO 4%Fe (1-2mm)	
19-4-4		4-0-4 +9%Fe (1-2mm)	
20-0-10		7-0-14 +2%MgO 4%Fe (1-2mm)	
0-0-16		12-10-20 +4%MgO (1-2mm)	
12-0-12			
3-0-20			
0-0-28			
24-0-0			
16-2-8			
Onyx Liquid Biostimulant	10	Nutrilon 3 Month Controlled Release	20
Onyx Liquid Foundation		20-5-10 +2%MgO 70%V90 (1-2mm)	
Onyx Liquid Iron		18-8-16 +3.2%MgO 46%V90 (1-2mm)	
Onyx Liquid Sugar Plus		23-7-12 +1.7%MgO 67%V90 (2-3mm)	
		15-10-16 +2.3%MgO 30%V90 (2-3mm)	
NMAXX Slow Release Liquids	11	Nutrilon 6 Month Controlled Release	21
15-0-12 Slow Release Liquid		29-4-8 +1.7%MgO 83%V180 (1-2mm)	
6-2-12 Slow Release Liquid		28-5-8 +1.2%MgO 80%V180 (2-3mm)	
28-0-0 Slow Release Liquid			
Complete Liquid Range	12-13	Onyx Granular Biostimulant	22-23
Total Event		Onyx Mini Granules (1-2mm)	
Trace-E Liquid		Onyx Regular Granules (2-3mm)	
First & Last			
Snappy Green		Velscape Pro Landscaping Range	24-25
Wetting Agents	14-15	6-9-6 Preseed (2-3mm)	
YUCCA Wetting Agent		12-6-6 Spring Summer (2-3mm)	
RESOLUTE Wetting Agent		4-19-10 + 8%MgO Slow Release (2-3mm)	
BESTWET Wetting Agent		7-7-7 All Season (2-3mm)	
HORIZON Wetting Agent		4-12-12 Autumn / Winter (2-3mm)	
		15-5-10 30% Slow Release (2-3mm)	
		10-0-4 with Onyx (2-3mm)	

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