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agrigen[®]

PROFESSIONAL LAWN CARE



Xtend® Range

The Xtend® range has been the backbone of many lawn care programmes since its introduction more than 20 years ago. OAS Nitrification Inhibitor slows down the conversion of ammonium to nitrate in the soil, maintaining the nitrogen in ammonium form. Ammonium nitrogen is held more efficiently in the soil because it binds to clay and organic matter.

Xtend® 24-4-4 & Xtend® 15-2-20

- Consistent, granular lawncare fertilisers for spring to autumn use
- Slow-release N from OAN Nitrification Inhibitor
- 2 - 3 months release response
- Clean and easy to apply
- Good performance in hot weather when nitrogen volatilisation is minimised.



Pack Size	Application Rate	Pack Coverage
20kg	25 - 35g/m ²	1,000m ² @ 25g/m ²

Xtend® 46-0-0 Granular

- Unique slow release nitrogen, feeds for up to 3 months
- Granular, soluble or liquid formations
- Suitable for all coarse turf areas
- Efficient use of nitrogen as loss to the atmosphere is limited
- Soluble slow release granules mean no pick-up
- Safer for turf on areas without irrigation.



Pack Size	Application Rate	Pack Coverage
20kg	10 - 20g/m ²	2,000m ² @ 10g/m ²



Xtend® 46-0-0 Soluble

- 100% stabilised nitrogen
- Micro-prilled formulation for rapid solubility
- Low application rates
- Cost effective even compared to agricultural fertilisers
- Safe to use at low water volumes even in the height of summer
- 100% stabilized nitrogen featuring Hydrex (a water-soluble powder containing NBPT and DCD) in combination with micro-prilled urea.

Pack Size	Application Rate	Pack Coverage
20kg	2 - 3g/m ²	10,000m ² @ 2g/m ²



Novatec 15-3-20+2MgO+TE

- A homogeneous granule with all nutrients contained in each granule
- Contains a highly water-soluble phosphorus content that breaks down rapidly in contact with moisture
- Protects the plant from disease and the effects of cold weather due to the high potassium content
- Contains ammonium and nitrate, the two most available nitrogen forms for fast response at low soil temperatures
- Releases nitrogen over an 8 - 10 week period
- Easy to spread and rapid dispersal into sward.

Pack Size	Application Rate	Pack Coverage
25kg	25 - 35g/m ²	1,000m ² @ 25g/m ²



Controlled Release Fertilisers

Controlled release fertilisers offer the most efficient delivery of nutrient available due to its unique release pattern. This allows nitrogen to be delivered over a period of time without major flushes of growth. The Protec CRF range offers an ideal choice for lawn treatments, providing both performance and efficiency benefits, whilst helping produce a healthy, dense lawn.

Protec CRF 15-3-10

- Use through spring into summer
- Nitrogen is released consistently for up to 3 months due to Origin's ProTECT technology
- The remaining nitrogen is available to the plant providing a quick turf response without any major flushes of growth
- Promotes a healthy, balanced sward through spring and into summer.



Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	2.5 - 4mm	800m ² @ 25g/m ²

Protec CRF 22-5-5

- Safe to use in periods of drought or warm conditions, an ideal choice for summer applications due to its high percentage of coated nitrogen
- Minimal scorch potential and reduces possibility of damaging turf in periods of heat stress
- Provides a consistent release of nitrogen, phasing the amount of nutrient released from each granule, promoting strong, healthy growth.



Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	2.5 - 4mm	800m ² @ 25g/m ²



Protec CRF 20-0-7 +3MgO+4CaO Mini

- A blend of conventional and controlled release fertiliser
- Provides an initial turf response followed by gradual release of nitrogen over a three month period
- Added calcium and magnesium
- Provides an outstanding colour response
- Promotes a strong healthy sward
- Ideally used through spring and early summer.

Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	1 - 2.5mm	800m ² @ 25g/m ²



TOP DRESSING AVAILABLE 

Controlled Release Fertilisers



9-7-7 Nutrigrow Spring / Summer Pro Compound Fertiliser

- 6 weeks longevity.
- Turf response is seen within 7 days.
- Granule dispersal takes on average 4-5 days.
- Ideal balance of NPK to strengthen turf.
- Granules provide ease of application and an even distribution.
- Releases slowly over a 6 week period- avoids rapid top-growth.
- Ensures even growth, quality and colour over the whole area and prevents the unsightly specking effects.
- Versatile application rates, as low as 35g/sq.m enabling one bag to cover 570sq.m making them very economical.

Pack Size	Application rate	Pack coverage
20kg	35 - 70g per m ²	Up to 570m ²



6-5-10+Fe Nutrigrow MossTop

- Contains a high level of iron which offers control over moss.
- Contains a balanced amount of nutrients.
- Ideal for use on paddocks, lawns, sports turf and amenity areas.
- Slow release formulation.

Pack Size	Application rate	Granule size	Pack coverage
20kg	40 - 50g/m ²	1 - 2.5mm	500m ²

3-12-12 Nutrigrow Autumn Turf Pro Compound Fertiliser

- 6 weeks longevity.
- Turf response is seen within 7 days.
- Granule dispersal takes on average 4-5 days.
- Ideal balance of NPK to strengthen turf.
- High phosphate and potash levels to encourage harder growth and better root development.
- Compound Granules provide ease of application and an even distribution of nutrients.
- Ensures even growth, quality and colour over the whole area and prevents the unsightly specking effects.
- Versatile application rates- as low as 35g/m² enabling one bag to cover 600m² making Autumn Turf Pro very economical.



Pack Size	Application rate	Pack coverage
20kg	35 - 70g/m ²	Up to 600m ²

Spring-Gem 14-3-10 Foliar Fertiliser

- Ideal for treating large areas.
- Effectively strengthens and greens up grass.
- Suitable for use all year round.
- Protects grass against frost and disease in the colder months.

Pack Size	Application Rate	Pack Coverage
10L	Knapsack = 500ml - 1L per 20-40L of water	Up to 1 Hectares or 10,000m ²
10L	Boom Sprayer = 10-20 Litres per Hectare	Up to 1 Hectares or 10,000m ²



Nutrigrow 18-3.5-8+1Mg Phased Release Fertiliser

- Suitable for use on lawns, paddocks, pasture, sports turf and trees and ornamentals.
- Active ingredients released over a 12-16 week period.
- Avoids rapid growth and scorching.
- Mini-granular compound formulation provides excellent spreading pattern.



Pack Size	Application rate	Granule size	Pack coverage
20kg	50g per m ²	1 - 2.5mm	400m ²



10-4-4+TE Nutrigrow Spring-Rise Fertiliser

- Mini compound granules provide excellent spreading pattern.
- Suitable for use on lawns, paddocks, pasture, sports turf and trees and ornamentals.
- Contains trace elements- calcium, magnesium and iron.
- Ideal for grass suffering from stress or nutrient deficiencies.

Pack Size	Application rate	Granule size	Pack coverage
20kg	35 - 70g per m ²	1 - 2.5mm	Up to 570m ²

Emerald Pro Seaweed Fertiliser

- Improves quality and yield of crops.
- Aids recovery of crop after periods of stress.
- Contains a wide range of nutrients, vitamins and amino acids.
- Approved for use on amenity turf, ornamentals, glasshouse crops, soft fruit, cut flowers and salads.



Pack Size	Application Rate	Pack Coverage
5L	Knapsack = 150-200ml per 20-40L water	500m ²
5L	Boom Sprayer = 3-4L per hectare	16,000m ²

6-9-6 Nutrigrow Pre-Seeder Fertiliser

- Ideal for use on areas before or after seeding.
- Mini-granule compound.
- Formulated with low (but still effective) levels of nutrients in order to avoid scorch on young grass.

Pack Size	Application rate	Granule size	Pack coverage
20kg	20-50g per m ²	2 - 5mm	Depends on rate. 400m ² - 1000m ²



TOP DRESSING AVAILABLE



Organo-mineral Fertilisers

Our Protec Bio range of Organo-mineral fertilisers have been developed specially for the lawn care industry, to give an ideal input to lawns. Each granule contains plant-based material together with mineral NPK and micro-nutrients. These formulations provide a product with little or no odour (being plant based) and a granule with uniform, dust free characteristics.

Protec Bio 16-3-7 +2MgO+0.5%Fe

- Plant based designed for use in spring with three different nitrogen sources to provide a consistent release of nutrient to the plant
- The organic component promotes an efficient soil ecosystem
- Also provides a dense, healthy sward with a phased release of nitrogen
- Contains added magnesium to help the plant with photosynthesis in essential periods such as spring, and iron to promote colour and aid disease resistance.



Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	1 - 3mm	800m ² @ 25g/m ²

Protec Bio 7-2-10

- Well balanced fertiliser designed for use in autumn or for lawns that have a lower nitrogen requirement
- Contains plant-based materials and provides a consistent release of nitrogen without major flushes of growth
- Supplies a strong colour response
- Added potassium making it ideal for colder periods.



Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	2.5 - 4mm	800m ² @ 25g/m ²

Protec Bio 15-0-12 +2MgO+Seaweed

- An ideal late spring and summer organo-mineral fertiliser that contains both high levels of nitrogen and potassium
- Contains added magnesium to aid photosynthesis and enhanced colour
- Promotes a strong turf response in both spring and early summer
- Organic content acts as a food source, stimulating beneficial soil biology and promoting both an efficient soil and a healthy ecosystem
- Provides a phased release due to a blend of 3 nitrogen sources.



Pack Size	Application rate	Granule size	Pack coverage
20kg	25 - 35g/m ²	1 - 3mm	800m ² @ 25g/m ²

For advice on which lawn care product to select, contact the Agrigem team on **01522 246491**

TOP DRESSING AVAILABLE



Biostimulants

Biostimulants boost growth rates of plants in applied areas as well as strengthening them to defend from stress. Biostimulants offer an array of benefits not only for plants but also for the soil surrounding them.

Ascoflex Plus



- UK manufactured seaweed source
- Optimum extraction of bioactive compounds
- Batch tested to ensure consistency of product quality
- Proactin plant-based amino acid package which facilitates healthy growth, including shoot and root development, nitrogen transfer within the plant and chlorophyll production
- 100% plant derived formulation utilising Ascophyllum Nodosum (Knotted Wrack)
- Improves tolerance and recovery from plant stress

Pack Sizes	Application rate
10L, 100L	10 - 20L/ha

Turfcomplex



- Bioactive seaweed, humic acids, manganese and micronutrients
- Liquid biostimulant featuring seaweed extracts and humic acids
- Contains Algifol bioactive seaweed for high levels of growth stimulants
- Helps reduce stress and improve plant health
- Aids disease resistance
- Use in combination with TriCure AD wetting agent, for a complete stress management programme in hot, dry weather
- Contains high levels of plant active humic acids to improve root mass and reduce plant stress

Pack Sizes	Application rate
10L, 100L	20 - 40L/ha

Wetting Agents

Wetting agents optimise soil moisture, to ensure a healthy functioning soil and turfgrass, reducing susceptibility to disease. TriCure contains three different wetting agent chemistries that treat all types of rootzone particles, such as soil and sand, as well as organic matter, including peat and thatch.



TriCure AD Granular Wetting Agent

- Easy to spread
- Gives up to 3 months activity from one application or applied monthly at a lower rate
- Granular product which is an effective alternative to spraying where mower pick up is eliminated
- Utilises DG-Lite, a dispersible granule technology as a carrier to quickly release the chemistry with no residue left after normal irrigation
- Does not contain any of the commonly used additional ingredients that are associated with burning or phytotoxicity
- Can be applied in the morning and safely watered-in in the evening without risk of burning

Pack Size	Application	Application rate	Pack coverage
18kg	Curative	12g/m ²	1,500g/m ²
18kg	3 Monthly	24g/m ²	750g/m ²

Abzorb Triple Wetting Agent

- Triple action: Re-wetting, retention and encouraging excess water drainage.
- Low environmental impact.
- Contains a blend of soil penetrating surfactants.
- Effective against dry patch and fairy ring.
- Ideal for use on amenity turf, lawns and sports turf.

Pack Size	Application Rate	Pack Coverage
10L	Knapsack = 500ml per 15L of water	up to 1 Hectare or 10,000m ²
10L	Boom Sprayer = 10-20L/ha per 300-600L of water	up to 1 Hectare or 10,000m ²



Soil Conditioners

Soil conditioners are made from natural materials and are used to replenish the nutrients in soil. Some include slow release fertilisers for added longevity. Conditioners increase aeration which increases the water holding capacity of the soil and improves soil structure.



Naturvigor

- Composted cow manure and humic acid soil improver
- High organic matter (32.5%) and humic acid (18.1%) content, ideal for use on impoverished soils
- Contains a comprehensive range of micronutrients. The 1% iron content is complexed by humic acids to ensure long-term availability
- Cow manure is turned for 5 to 7 months to input oxygen, regulate temperature and encourage aerobic decomposition. Then composted under cover to protect the beneficial bacteria present from the harmful effects of UV rays
- Humic acids with a high fulvic acid fraction added to mixture before granulation
- Increased soil microflora

Pack Size	Application rate	Pack coverage
25kg	35 - 50g/m ²	714m ² @ 35g/m ²



CalciComplex

- Contains dolomitic limestone for increased pH and Mg input
- Contains Gypsum for added calcium and soil deflocculation
- Designed to gently increase rootzone pH in low buffered acidic soils
- Contains actinomycetes which breaks down and recycles organic matter
- Contains composted cow manure and cold processed seaweed meal to stimulate microbial activity in the soil
- Granule format ensures quick break down on grass surface

Pack Size	Application rate	Pack coverage
25kg	35 -70g/m ²	714m ² @ 35g/m ²

Selective Herbicides

Our extensive selective herbicide range ensure that whether you are spot treating a lawn or applying that first overall spray for a new customer, our products will allow you to achieve the great results your customers are looking for. Contact us for specific selective weed control programmes tailored to your needs.

Enforcer

- 4 way selective herbicide ideal for managed amenity turf.
- Controls a wide range of broad-leaved weeds.
- Contains 4 powerful active ingredients- 24-D, dicamba, MCPA and mecoprop-p.



Pack Size	Application Rate	Pack Coverage
5L	Knapsack = 50-100ml per 10L of water	0,6 Hectare or 6,000m ²
5L	Boom Sprayer = 7,5 L per Hectare	Up to 2 Hectares or 20,000m ²

Cabadex

- Unique formulation containing florasulam and fluoxypyr
- Can be used on newly sown turf (from two leaf stage)
- Controls difficult weeds such as yarrow and lesser trefoil (yellow suckling clover)
- Low dose rate for cost effective weed control
- Foliar and root uptake provides efficient control of difficult weeds



Pack Size	Application rate	Pack coverage
5L	2L/ha	25,000m ²

Green Force Professional

- Contains 150g/l Mecoprop-p and 18.7g/l Dicamba
- Cost-effective 2-way selective herbicide
- Controls a wide range of turf weeds
- 2 applications per year



Pack Size	Application rate	Pack coverage
25kg	35 -70g/m ²	714m ² @ 35g/m ²

Junction

- A new generation, selective turf herbicide
- Specially formulated micro-emulsion for the control of weeds in managed amenity turf including domestic lawns
- Controls a broad range of weeds including dandelion, daisy, white clover and creeping buttercup
- Contains florasulam and 2,4-D
- Ultra-low dose rate of just 12mls/100m² (1.2 litres/ha) lessens environmental loading
- Can be applied 2 months after spring or summer sown turf
- Rapidly broken down in the soil environment by soil microbes



Pack Size	Application rate	Pack coverage
5L	1.2L/ha	41,670m ²

Use plant protection products safely. Always read the label and product information before use. Visit our website at www.agrigem.co.uk

Fungicides



Plazma

- Easy to use Plazma Formulation; can be used in boom sprayer or knapsack.
- Active Ingredient Recycling.
- Fast Acting & Long Lasting with Rainfast Properties.
- Cost Effective 1L Bottle.
- 250g per litre Azoxytrobin.

Pack Size	Application Rate	Pack Coverage
1L	Knapsack = 500ml - 20ml per 10 litres of water	1 Hectare (10,000m ²)
1L	Boom Sprayer = 1.0L product /ha in 500 litres water	1 Hectare (10,000m ²)

Sven 1L Insecticide

- Low amount of active ingredient applied.
- Wide crop & target range.
- Offers a degree of protection against pests not present at application.
- Excellent rain-fastness.



Pack Size	Application Rate	Pack Coverage
1L	Knapsack = 500ml - 15ml per 10L of water	3.3 Hectare or 33,000m ²
1L	Boom Sprayer = 300ml/ha	3.3 Hectare or 33,000m ²

Dedicate

- Offers preventative and curative control against a number of diseases.
- Ideal for managed amenity turf.
- Economical 250ml container.

Pack Size	Application Rate	Pack Coverage
250ml	Knapsack = 500ml - 50ml per 20-25L of water	2,500m ²
250ml	Boom Sprayer = 1L/ha per 400-500L of water	2,500m ²



For advice on which lawn care product to select, contact the Agrigem team on **01522 246491**

Iron Products

Iron has many benefits in turf, mainly used to improve turf colour, it can also help with disease resistance and hardening turf in winter. Origin offer a range of iron products that can both maintain and improve lawns whilst providing an outstanding colour response.

Seamac ProTurf

- 6% chelated iron with magnesium and sulphur for optimum winter colour
- Rapid uptake formulation technology for a fast response even at low air and soil temperatures
- Ideal tank-mix partner to Liquid Turf Hardener and Turfite for non-pesticidal disease suppression
- Acid buffered for maximum tank mix compatibility
- Cost effective winter tonic



Pack Size	Application Rate	Pack Coverage
10L	20 - 30L/ha	5,00m ² @ 20L/Ha

Protec 10% Liquid Iron

- Highly concentrated liquid iron for rapid and economical application
- 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
- Hardens the leaf prior to the onset of winter



Pack Size	Application rate	Pack coverage
10L	45L/ha	2,222m ²



Ferro-Gem Liquid Iron

- Ideal for treating large areas.
- Effectively strengthens and greens up grass.
- Suitable for use all year round.
- Protects grass against frost and disease in the colder months.

Pack Size	Application Rate	Pack Coverage
10L	Knapsack = 400ml-1200ml per 10L of water	Up to 0.5 Hectare or 5,000m ²
10L	Boom Sprayer = 40L per Hectare or 16L per Acre	Up to 0.5 Hectare or 5,000m ²
20L	Knapsack = 400ml-1200ml per 10L of water	Up to 1 Hectares or 10,000m ²
20L	Boom Sprayer = 40L per Hectare or 16L per Acre	Up to 1 Hectares or 10,000m ²

For advice on which lawn care product to select, contact the Agrigem team at sales@agrigen.co.uk

Iron Sulphate Soluble

- Can be used all year round.
- Protects grass against frost and diseases in the winter months.
- Ideal for treating large areas, for example horse paddocks and amenity grassland.
- Fully dissolvable in water.
- Built in acidifier system that slows oxidation.



Pack Size	Application Rate	Pack Coverage
25kg	Knapsack = 200-500g per 10L water covers 200m ²	10,000 - 25,000m ²
25kg	Boom Sprayer = 10-25kg in 500L per hectare	10,000 - 25,000m ²



OAS Soluble Iron

- High quality water-soluble iron
- Highly soluble formulation for easy mixing
- Application in low water volumes
- Cost effective tank-mix partner to liquid and water-soluble fertilisers
- Applications made early or late in the season when soil moisture levels are high
- Avoid applying product during frosty weather or when frost is anticipated

Pack Size	Application rate	Pack coverage
25kg	20kg/ha	12,500m ² @ 20L/Ha

PREMIER SEED®

Embark on the journey to a lush and vibrant lawn with our premium lawn grass seeds, meticulously crafted to meet diverse needs and preferences. Our extensive range includes a variety of seed mixtures, each designed to address specific lawn

requirements, all sourced from the esteemed Premier Seeds. Ideal for creating a lush and resilient lawn, our Premier Landscape & Lawn Grass Seed ensures optimal coverage and vibrant growth.

Low Maintenance Grass Seed

- Slow growing yet fast to germinate and hard wearing.
- Excellent aesthetics.
- Ideal for use in parks or urban areas.
- This blend of slower-growing grass can be close mown or left to grow longer without looking unattractive.

Pack Size	Application rate	Pack coverage
10kg	Overseeding: 35g per m ² New Lawn: 50g per m ²	Up to 285m ²



Shade Tolerant Grass Seed

- Formulated to be tolerant to shady areas.
- Grass still looks good- even without direct sunlight.
- Provides a dense, healthy sward.

Pack Size	Application rate	Pack coverage
10kg	Overseeding: 35g per m ² New Lawn: 50g per m ²	Up to 285m ²



Formal Grass Seed

- Creates a dense matt of grass.
- Suited for use in gardens and larger areas.
- Ideal for non-ryegrass ornamental lawns and landscape areas.
- Improves performance and ensures maximum germination.

Pack Size	Application rate	Pack coverage
10kg	Overseeding: 35g per m ² New Lawn: 50g per m ²	Up to 285m ²



Drought Tolerant Grass Seed

- Formulated to be tolerant to drought.
- Creates a dense matt of grass.
- Suited for use in gardens and larger areas.

Pack Size	Application rate	Pack coverage
10kg	Overseeding: 35g per m ² New Lawn: 50g per m ²	Up to 285m ²



For the full range of our grass seed please visit
www.agrigem.co.uk

Equipment



Handy Hand Spreader

- High-quality.
- Ideal for small areas.
- Easy to use.
- 5 settings.
- Has a wrist guard to reduce fatigue.



Professional Fertiliser Spreader

- Rustproof polypropylene hopper.
- 23kg (50lb) hopper capacity.
- Maximum 3m spread.
- Adjustable flow rate.
- Pneumatic tyres.
- Enclosed gearing.
- Black powder coated frame.
- Steel handlebars.

Matabi Evolution 16 Sprayer

- Lance length: 0.95m.
- Hose length: 1.3m.
- 3 position regulator: Free flow, 1.5 and 3 bar.
- 16 litre capacity.
- Adjustable padded straps-comfortable for the operator.
- Translucent gage.



Cooper Pegler CP15 Evolution Knapsack Sprayer

- Large 15 litre tank.
- Robust, ergonomic and lightweight design from a reputable manufacturer.
- Reliable with upgraded components.
- UVL protected polyethylene tank.
- Harness is made from polyethylene pads with polyester fibre braiding.
- 140mm filler neck, 500mm lance and 1140mm hose for convenience.
- Maximum working pressure of three bar.
- Weight: 5.1kg (Empty) - 21.5kg (Full).

Berthoud Vermorel 2000 Sprayer

- 16 litre capacity with visible liquid level.
- Designed with the operator in mind.
- Ergonomic back frame.
- Adjustable padded double shoulder straps with waist strap.
- Reversible left/right pump lever with 2 positions: storage (vertical position) and in operation (inclined position).
- High-performance diaphragm pump with curved piston (ease of handling and low pumping rate).
- Professional type lance handle.
- 60 - 100cm telescopic composite lance with high mechanical and chemical resistance.
- Multi-purpose adjustable nozzle holder.
- 5 years guarantee.
- Dry weight - 5.5 Kgs.
- Laden weight - 21.5 Kgs.
- 0 to 5 bars manually adjustable integrated pressure regulator at pipe outlet of tank.

