



Products & Services



How to 'Guides, Videos & A-Z guides'



ADVICE



UPDATES

SOLUTIONS

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YOUR **FREE** ONLINE RESOURCE

Our website offers so much more!

DID YOU KNOW

We have a UK based Customer Service Team, ready to help with enquiries.



agrigem®

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Tel 01522 246491 • www.agrigem.co.uk

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WELCOME TO OUR CATALOGUE



Compliance, Expertise, Quality, Accountability

This year marks a significant milestone in our ongoing growth journey - a move to much larger premises. We remain in our central UK location, but our storage capacity will have significantly increased by the end of 2025. More storage means more product availability, more choice, and ensures we can continue to offer the high-quality delivery service you have come to expect - all supported by the same great technical support, advice and service.

AgriGem remains dedicated to supporting the country's growers, gardeners, plant and ground care professionals with specialist amenity products designed to perform. So, whether you're managing a paddock, park, forest, landscape, sports ground or leisure site, we can help with plant protection and weed control products, fertilisers, grass seed, equipment, and much more.

Our huge product range is underpinned by outstanding free technical advice from BASIS and FACTS qualified agronomists - so you can grow better knowing every interaction with AgriGem is grounded in excellence. We have in-house NEBOSH qualified staff and state-of-the-art warehouse and CRM systems, all helping ensure we deliver to customer requirements with full traceability - from enquiry to receipt of goods.

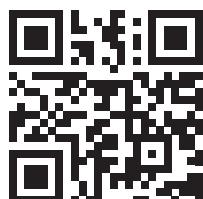
Our focus is on leading each of our industries and supporting them to achieve their full potential in shaping the future of sustainable land use and protecting and enriching landscapes for all.

Our customers include local authorities, sports facilities, airports, private companies, homeowners, distributors, and plant care and turf management professionals

- together with some of the UK's largest and most well-known organisations tasked with managing and protecting national landscapes.

Our customer experience and technical teams are ready to answer your questions, provide the latest technical, environmental, and legal advice, and support you on your journey to excellence.

Get in touch today.



Origin Enterprises PLC

Arigem is part of Origin Enterprises PLC, a global leader in sustainable land use. Origin Enterprises comprises 27 companies – offering a range of services, technically led products and expert agronomic advice across the agriculture, sports, environmental, amenity, and urban and infrastructure development markets.

Origin Enterprises aims to empower its customers to enrich their land so it can achieve its true potential. Their expertise extends beyond agricultural land however and encompasses Living Landscapes, a sector made up of five organisations - of which Arigem is one - working in sports and recreation, environmental conservation, ecology, and landscape development.

Being part of a larger group means we are supported by world-class product development and the latest technical, procedural, environmental, and legislative advice, all of which will help ensure we continue to provide leading direction and guidance to our own customer sectors.





Nothing but **HEAVY DUTY.**™



 **AUTHORISED**
DISTRIBUTOR



arigem.co.uk/milwaukee

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This brochure provides technical and other information on Agrigem® Limited branded ranges, along with other selected products which Agrigem® Limited offers. Information is correct at the time of going to print. Agrigem® Limited offer an extensive range of products to the amenity and horticultural sector which cannot be listed in this brochure. For further details please visit our website or contact us. The application rates in this brochure should never be used in place of the product label that is attached, or printed on the product container. ALWAYS consult the product label prior to using. Errors and omissions excepted (EandOE).

Nutrigrow Feed, Weed and Moss killer

Feed your lawn and control the weeds and moss

FOR
OVERALL
PLANT HEALTH
and COLOUR



Nutrigrow Feed, Weed and Moss Killer contains: 10% nitrogen 2% phosphate 2% potassium 8% Iron Sulphate + dicamba and mecoprop-p. MAPP No. 19669. Always read the label and product information before use. Use pesticides safely.

Visit our website for more info www.agrigem.co.uk

Amenity Grassland and Lawn

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 94

Arigem offers a full range of selective herbicides which are safe to use on grass. The products in this section have the correct approval for use in amenity grassland and lawns.

Weeds not only look untidy, but they can also be poisonous and steal vital nutrients from the grass. Weeds in grassed areas used for sport are particularly troublesome as they can affect play.

In most circumstances, an annual treatment in the spring will control the majority of weeds, however re-treating in autumn may need to be considered if the problem is particularly bad.

For best results and the most cost effective control, we would recommend the use of a sprayable liquid, however granules are often suited to smaller areas.

CLEANRUN PRO

Effective weed and feed for lawn and turf

Active ingredient
14-0-5+MCPA
+mecoprop-P

Application rate
35g per m²

MAPP No.
15828

Area covered
Up to 714m²



25kg

Cleanrun Pro is an effective weed and feed for lawn and turf. This mini-granular fertiliser contains a powerful selective herbicide for the control of common broad-leaved weeds such as daisy and dandelion. Cleanrun Pro is ideally applied during spring and summer when the weeds are actively growing.

COMPITOX PLUS®

Hormone herbicide for the control of broad-leaved weeds

Active ingredient
600g/L (48% w/w)
mecoprop-p

Knapsack sprayer rate
100ml per 10L of water

MAPP No.
18375

Boom sprayer rate
2.4L per ha

Area covered
Up to 4ha



10L

Compitox Plus is a hormone herbicide for the control of broad-leaved weeds including cleavers, chickweed and nettle. It also offers control against volunteer oilseed rape. Compitox Plus is designed for use on winter cereals, spring cereals, grass seed crops, amenity grassland and managed amenity turf.

DEPITOX®

A useful mixer product for improving the spectrum of herbicides

Active ingredient
500g/L 2,4-D

Knapsack sprayer rate
165ml per 10L of water

MAPP No.
17597

Boom sprayer rate
3.3L per ha

Area covered
Up to 4ha



5L 10L

Depitox is a contact selective herbicide which targets the weeds growing hormones. With Depitox being a contact herbicide, it is important to get the best coverage possible, as it will only kill the weeds it touches by distorting their growth points.

DICOPHAR

4 way selective herbicide

Active ingredients
70g/L 2, 4-D
70g/L, MCPA
42g/L mecoprop-p
20g/L Dicamba

Knapsack sprayer rate
75ml per 10L of water

MAPP No.
16460

Boom sprayer rate
7.5L per ha

Area covered
Up to 6,666m²



1L 5L

Dicophar is a herbicide which offers a versatile solution for combating stubborn weeds in carefully maintained turf areas. Formulated with four active ingredients, it ensures optimal effectiveness and broad coverage against a diverse range of weed species commonly found in turf.

ENFORCER®

A 4-way selective weed killer.

Active ingredients
70g/L 2,4-D, 20g/L dicamba, 70g/L MCPA and 42g/L mecoprop-P

Knapsack sprayer rate
50-100ml per 10L of water

MAPP No.
17274

Boom sprayer rate
7.5L per ha

Area covered
Up to 6,666m²



5L

Enforcer is a 4-way selective herbicide for managed amenity turf. Its mixture of active ingredients make this an ideal choice for controlling a range of general weeds such as daisy, dandelion, clover, buttercup and dock.

ESTERON T

Selective herbicide for managing weeds in turf, lawns, and amenities

Active ingredient
Florasulam and 2,4-D

Knapsack sprayer rate
12ml per 10L of water

MAPP No.
17432

Boom sprayer rate
1.2L per ha

Area covered
Up to 1.6ha



2L

Its active ingredients florasulam and 2,4-D provide effective control of broad-leaved weeds such as dandelion, daisy and white clover. It requires a low application rate and can be used with low water volumes. The ideal application time is during the weed growth season, typically March to October when soil is moist.



HIGH LOAD MIRCAM

Cost effective treatment for amenity grassland

Active ingredient
600g/L
mecoprop-p +
84g/L dicamba

Knapsack sprayer rate
62.5ml per 10L of water

MAPP No.
11930

Boom sprayer rate
1.25L per ha

Area covered
Up to 4ha



High Load Mircam is one of the few remaining cost effective and broad spectrum turf herbicides. It is very effective on all common weeds such as plantain, daisy and dandelion. Apply from April to October when the weeds are actively growing.

MIRCAM PLUS

Very good product for general amenity turf and paddock weeds.

Active ingredients
43.3g/L
mecoprop-p +
245g/L MCPA +
19.5g/L dicamba

MAPP No.
15868

Boom sprayer rate
5L per ha

Area covered
Up to 2ha



Mircam Plus is particularly good at controlling buttercup, clover, dandelion, thistle and plantains. Apply from April to October when the weeds and grass are actively growing and are at a stage where you will get good coverage. Ensure grass is a minimum of 18 months old and is not stressed by drought or frost.

NUTRIGROW FEED, WEED & MOSS KILLER

Active ingredients
10% nitrogen
2% phosphate
2% potassium
8% iron Sulphate
+ dicamba and
mecoprop-p

Application rate
32g per m²

MAPP No.
19669

Area covered
Up to 625m²



Compound fertiliser with iron. Ideal for use in lawns. Four in one; it will make lawns greener, kill a range of weeds, remove moss and fertilise the grass for a thicker and healthier looking lawn. Can be used between May and August when grass, moss and weeds are actively growing, and soil is moist.

PRAXYS®

The new generation of turf herbicides

Active ingredients
80g/L clopyralid
2.5g/L florasulam
144g/L fluroxypyr

Knapsack sprayer rate
50-100ml per 10L of water

MAPP No.
19820

Boom sprayer rate
1-2L per ha

Area covered
Up to 2ha



Praxys is the new technology in the way of turf herbicides. It is particularly useful on difficult to control weeds such as speedwell, clover, daisy, thistle and self heal. It is also rain-fast within one hour helping widen your application window.

RENOVATOR PRO

14-0-5 +Fe + MCPA + Mecoprop-P

Active ingredients
14% nitrogen
0% phosphorus
5% potassium
6% iron
+ MCPA
+ Mecoprop-P

Application rate
35g per m²

MAPP No.
16803

Area covered
Up to 714m²



Ideal for doing three jobs in one easy application. An NPK mini-granular formulation, Renovator Pro also contains two selective herbicide actives, MCPA and Mecoprop-P, to control broadleaved weeds (such as creeping buttercup, daisies and white clover) during the spring and summer.

TURFMASTER

Cost effective on large areas

Active ingredient
43.3g/L mecoprop-p +
245g/L MCPA +
19.5g/L dicamba

MAPP No.
16344

Boom sprayer rate
5L per ha

Area covered
Up to 2ha



Turfmaster is a powerful 3-way mix herbicide suitable for amenity grassland and managed amenity turf. As one of the few products remaining on the market with mecoprop-p as one of the active ingredients, it is particularly effective on broad-leaved weeds such as buttercup, clover, dandelion, daisy, thistle and plantains.

Weed Killers



Invasive Weeds

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 94

Tough, invasive and injurious weeds such as horsetail, himalayan balsam, japanese knotweed, bramble, giant hogweed and multiple other weeds can be controlled with products found within this section.

Invasive weeds are becoming an increasingly challenging issue, particularly in properties and gardens. Often, the only way to fully control the problem is to treat them with a targeted herbicide application. This can be done by spraying onto the leaf, or for sensitive areas using a targeted application and injecting directly into the stem of the weed.

CLINIC® HI-LOAD

Strongest liquid formulation available.

Active ingredient
540g/L glyphosate

Knapsack sprayer rate
165ml per 10L of water

MAPP No.
19910

Boom sprayer rate
3.33L per ha

Area covered
Up to 1.5ha
for 5L bottle



5L 15L 1,000L

A foliar applied herbicide for the control of annual and perennial grasses and broad-leaved weeds before sowing or planting all crops. For use pre-emergence and pre-harvest in cereals, oilseed rape and certain other crops, destruction of grassland, and in stubbles, orchards, forestry, non-crop areas and on set-aside land.

DIAMOND®

Controls horsetail plus
other tough weeds

Active ingredients
160g/L 2,4-D +
240g/L glyphosate

MAPP No.
19846

Boom sprayer rate
3.5L per ha

Area covered
Up to 1ha



1L 5L

Diamond treats tough weeds such as bindweed and ragwort, and is one of the few products on the market that will successfully control horsetail. The 2,4-D will break down the leaf tissue to allow the glyphosate to penetrate deeper into the root system, providing better control than glyphosate alone.



Diamond®

The only Total Weedkiller

You'll ever need!



**Controls tough
weeds such as
nettle, ragwort,
horsetail and many
other broad-leaved
weeds which are
difficult to kill with
straight glyphosate.**



MAPP 19846

5 Litres e

Diamond contains: 160g/L 2,4-D + 240g/L
glyphosate. MAPP No. 19846
Always read the label and product
information before use. Use pesticides safely.
For professional use only.

1L

5L



clinic Hi-Load



KEY FEATURES

- Strongest liquid formulation available.
- Rainfast in one hour for annual weeds and four hours for perennial weeds.
- High loaded formula to reduce application rate and wastage.
- Low risk of weed resistance when used correctly.

Clinic Hi-Load contains: 540g/L glyphosate. MAPP No. 19910
Always read the label and product information before use. Use pesticides safely.

ECOPLUG® MAX

Fast and safe tree stump control

Active ingredient

720g/kg glyphosate

Application rate and area covered

Depends on size and variety.
See website for specific rates.

MAPP No.

17581

100
plugs per
box



Ecoplug Max® is a fast, safe and highly effective tree stump killer. Once a tree is felled, most varieties will shoot new growth and rapidly grow to cause the same problem they were felled for.

Each Ecoplug contains water soluble granules containing 720g/kg glyphosate, which when hit into a stump is released into the xylem and phloem of the tree. This kills the tree stump therefore controlling tree stump re-growth.

Ecoplug Max® can be used in a variety of areas including amenity areas, forestry, rail and motorway embankments, near water courses and around buildings. It can be used in all weather

conditions and will not cause any effect to neighbouring trees.

Simply drill the required amount of holes with the set depth drill bit, insert the Ecoplug Max® into the hole and then hit with a hammer to ensure the plug finishes flush with the top of the stump.



Drill
bit
also
available

I-CADE®

Strong woody weed killer

Active ingredients

12g/L aminopyralid
+ 120g/L triclopyr

Knapsack sprayer rate

200ml per 10L of water

MAPP No.

19069

Boom sprayer rate

4L per ha

Area covered

Up to 2,500m²



1L

I-cade is a strong selective herbicide which is absorbed through the leaf and travels deep down to the root. It is very effective on weeds such as Japanese knotweed, thistle, brambles and buddleia. Due to its stewardship, any operator planning on using the product must have the correct training.

ROUNDUP® PRO VANTAGE

The number one product for total control

Active ingredient

480g/L glyphosate

Knapsack sprayer rate

175ml per 10L of water

MAPP No.

15534

Boom sprayer rate

3.5L per ha

Area covered

Up to 1.4ha



5L

An extremely strong and fast acting total herbicide. It is foliar applied which is translocated into the leaves using a new surfactant system known as biactivator adjuvant technology. It will then travel around the plant and down to the roots ensuring the whole plant is killed. Can be used in and around water.

SQUIRE® ULTRA

Clover safe herbicide for the control of docks and other broad leaved weeds in grassland.

Active ingredient

75% amidosulfuron

Knapsack sprayer rate

3g per 10L of water

MAPP No.

20707

Boom sprayer rate

60g per ha in

200-400L of water

Area covered

Up to 2ha



120g

Squire Ultra Selective Weed Killer is a herbicide safe to white clover which offers excellent results against established dock infestations. It is used at very low doses which give it good crop and operator safety, along with no buffer zones around water courses. Squire Ultra is also good on other weeds such as cleavers and bracken.

SYNERO®

Cost effective control

Active ingredients

30g/L aminopyralid
+ 100g/L fluroxypyr

Knapsack sprayer rate

100ml per 10L of water

MAPP No.

18578

Boom sprayer rate

2L per ha

Area covered

Up to 2.5ha



3L

Synero is the ultimate product for controlling invasive weeds on a large scale. It is ideally suited for commercial use due to its large pack size and low application rate. This product is very similar to other well known brands such as I-cade and Garlon.

SBK BRUSHWOOD KILLER

Specifically targets woody weeds, saplings and broad-leaved weeds

Active ingredient

48g/L triclopyr

MAPP No.

12711

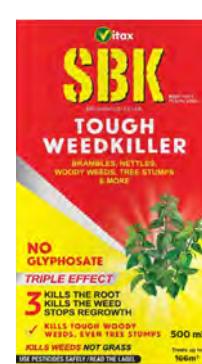
Knapsack sprayer rate

30ml per 1.5L of water

Area covered

Up to 332m²

- Designed to specifically target woody weeds, saplings and broad-leaved weeds such as nettles, docks and thistles.
- Foliar acting herbicide that kills the root of the weed preventing re-growth.
- Uses triclopyr as the active ingredient- safe for grass and tough on weeds!
- Approved for use in regular home gardens.
- Suitable for use in a watering can or sprayer.
- Can be used as cut stump treatment.



500ml



1L

SBK Brushwood Killer is specifically designed to target woody weeds, saplings and broad-leaved weeds in areas of grassland, non-crop areas and home gardens. As well as treating weeds such

as nettles, docks, thistles and brambles, SBK Brushwood Killer can also be used to treat wood stumps in the autumn and winter.

GALLUP HI-AKTIV®

Strong professional glyphosate

Active ingredient

490g/L glyphosate

Knapsack sprayer rate

116-176ml per 10L of water

MAPP No.

17646

Boom sprayer rate

11-4.4L per ha

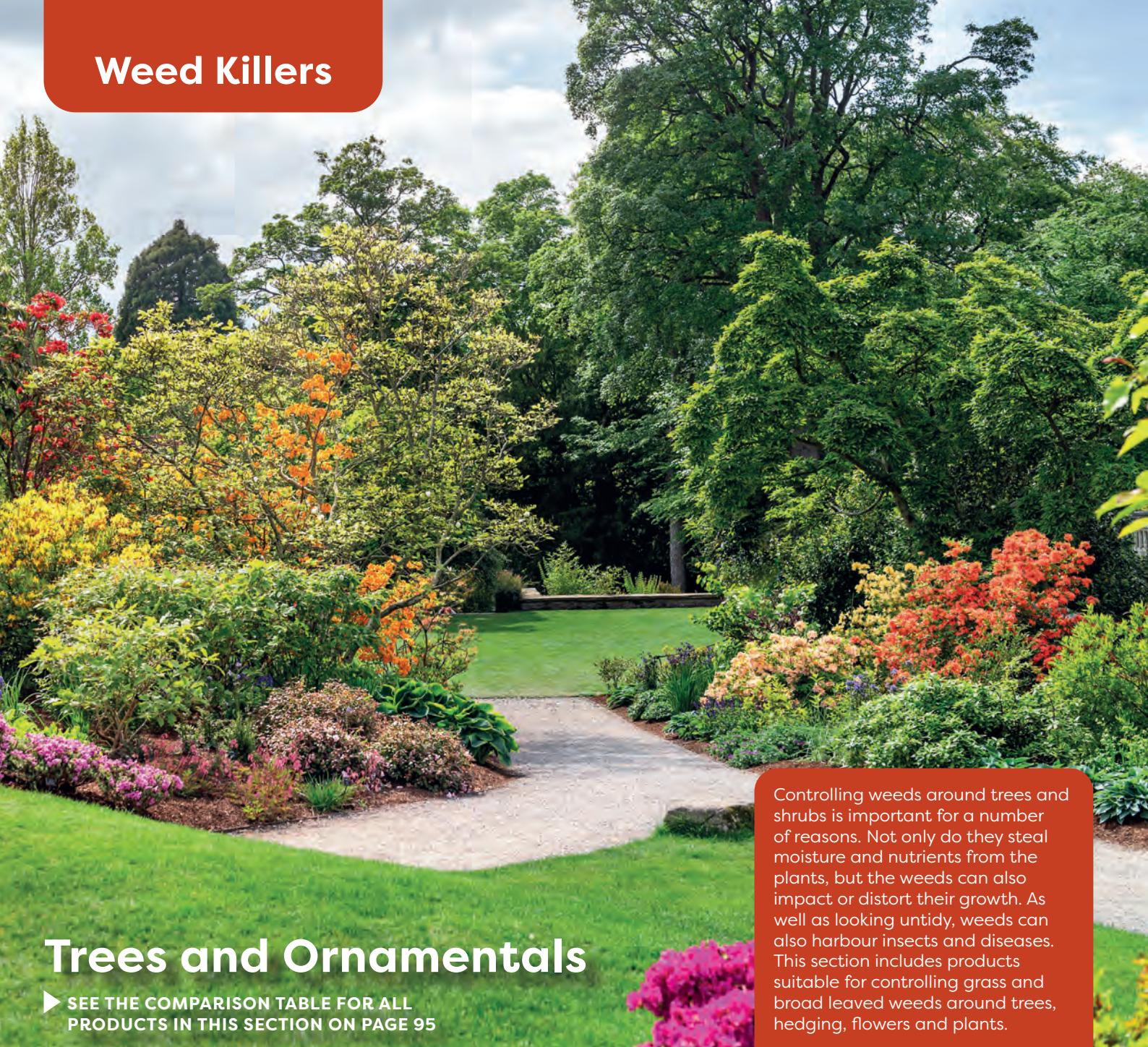
Area covered

Up to 4.5ha



5L

Gallup Hi-Aktiv is the new high strength and non-hazardous formulation from the popular brand, Gallup. It is a foliar applied total herbicide for effective control of annual and perennial grass and broad-leaved weeds. This higher concentrate of glyphosate means you use lower dose rates.



Trees and Ornamentals

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 95

Controlling weeds around trees and shrubs is important for a number of reasons. Not only do they steal moisture and nutrients from the plants, but the weeds can also impact or distort their growth. As well as looking untidy, weeds can also harbour insects and diseases. This section includes products suitable for controlling grass and broad leaved weeds around trees, hedging, flowers and plants.

DEVRINOL®

Controls annual grasses and broad leaved weeds

Active ingredient 450g/L napropamide

Knapsack sprayer rate 350ml per 10L of water

MAPP No. 19358

Boom sprayer rate 7L per ha

Area covered Up to 5,000m²



Devrinol is a residual herbicide which will control various annual grasses and broad leaved weeds in ornamental plant production, tree plantations, fruit and forestry. It must be used between 1st November and the end of April. Susceptible weeds include willowherb, mayweed, poppy, speedwell, groundsel and annual meadow grass.

FALCON®

Grass killer for use around trees and hedges

Active ingredient 100g/L propaquizafop

Knapsack sprayer rate 75ml per 10L of water

MAPP No. 16459

Boom sprayer rate 0.5-1.5L per ha

Area covered Up to 2ha



A selective herbicide for the control of monocotyledons (grasses) in a range of broadleaved crops including trees and forestry. This product can be used through a knapsack or a boom sprayer and is safe for use on trees and hedges as an overall or spot treatment. Falcon weed killer will only kill the grass it touches.

FLEXIDOR®

Residual herbicide for around trees and shrubs

Active ingredient 500g/L isoxaben

Knapsack sprayer rate 7.5-25ml per 10L of water

MAPP No. 18042

Boom sprayer rate 0.15-0.5L per ha

Area covered Up to 3.3ha



500ml

Flexidor controls broad leaved weeds in a range of situations including top, soft and bush fruit, vines, hops, forestry, ornamental plants and amenity vegetation. It is effective on a variety of weeds such as poppy, fat hen, speedwell, mayweed, nettle, redshank and volunteer oilseed rape.

GEM® GRANULES

Residual herbicide for around trees and shrubs

Active ingredient
4% propyzamide

MAPP No.
19182

Spreading Rate
37.5kg per ha/3.8g per m²

Area covered
Up to 1,300 trees



1kg 5kg

A granular weed killer applied around ornamental plantings and trees in order to deliver long-lasting weed control against grasses and broad-leaved weeds. Gem Granules will control the weeds that are present and also lay a residual barrier for several months.

KERB® FLO

A long lasting grass weed killer

Active ingredient
400g/L propyzamide

Knapsack sprayer rate
80ml per 10L of water

MAPP No. 13716

Boom sprayer rate
4.25L per ha or 1.7L per acre for amenity areas

Area covered
Up to 1.5ha



5L

A residual herbicide which can be used as a pre or post emergence weed killer in forestry and amenity plantings. It is predominantly used to kill grass weeds, but can also control troublesome weeds such as chickweed, cleavers, bindweed, fat hen, and will offer some control against horsetail.

LASER®

A systemic herbicide for post-emergence control of annual and perennial grass weeds

Active ingredient
200g/L (21% ww) cycloxydim

Knapsack sprayer rate
37.5-112.5ml per 10L of water

MAPP No.
17339

Boom sprayer rate
Up to 2.25L per ha dependent on crop

Area covered
Up to 6.6ha dependent on crop



5L

An emulsifiable concentrate containing 200g/L (21% w/w) cycloxydim for post-emergence control of annual and perennial grass weeds in winter and spring. Laser is rapidly absorbed mainly through the leaves and is translocated through the plant to the growing points, culminating in the rapid decay of stem and root tissues.

PROPYZ®

Long lasting residual grass killer

Active ingredient
400g/L propyzamide

Knapsack sprayer rate
80ml per 10L of water

MAPP No.
15083

Boom sprayer rate
4.25L per ha

Area covered
Up to 3ha



1L 5L 10L

A residual herbicide which can be used either as a pre or post-emergence weed killer in forestry and amenity plantings. It is predominantly used to kill grass weeds, but can also control chickweed, cleavers, bindweed and fat hen. Can be used on ornamental shrubs, roses and near trees/hedges.

SHARK®

Desiccant herbicide

Active ingredient
60g/L carfentrazone-ethyl

MAPP No.
18700

Boom sprayer rate
0.11L per ha

Area covered
Up to 25ha depending on crop



1L 5L

Shark is a fast acting contact herbicide used for the control of broad-leaved weeds in edible and non-edible crops prior to planting, orchards and vineyards. It can also be used as a desiccant for potatoes. Shark is rapidly absorbed through foliage and the green stems of plants.

SULTAN®

Long lasting ornamental weed killer

Active ingredient
500g/L metazachlor

Knapsack sprayer rate
10ml per 10L of water

MAPP No.
16680

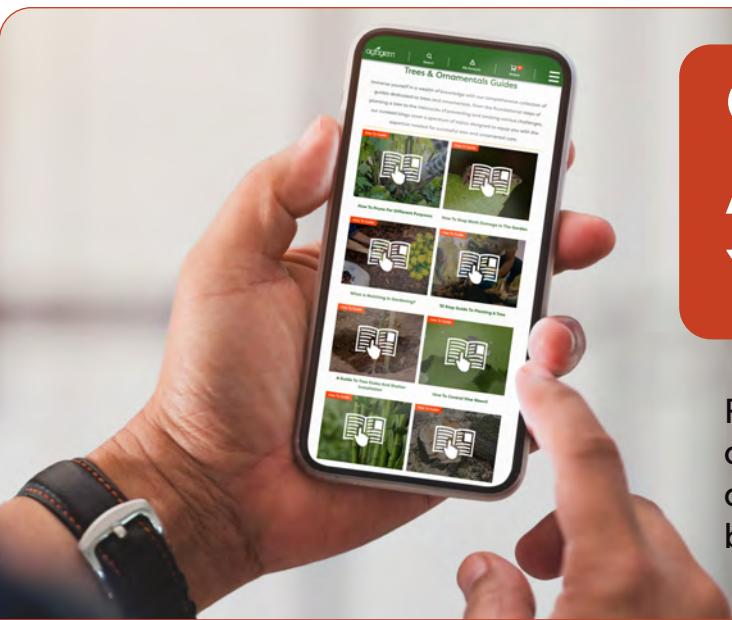
Boom sprayer rate
1.5L per ha

Area covered
Up to 3ha



5L

Sultan is a residual herbicide that can be used around ornamental trees, shrubs and forestry. Sultan will provide effective control many weeds including: chickweed, red dead-nettle, forget-me-not, mayweed, annual meadow grass, parsley piert, speedwell and shepherd's purse.



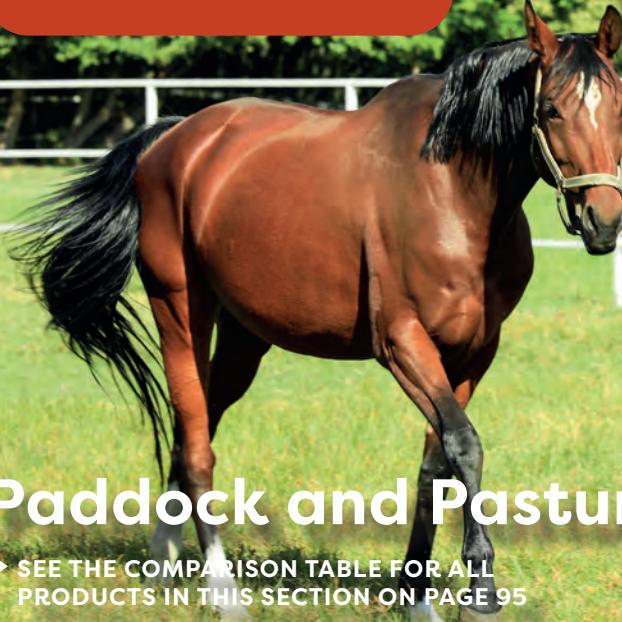
GUIDES, TIPS AND HOW TOs - AT YOUR FINGERTIPS

Find out how to protect and treat weeds around trees and in beds and borders.

Access our library of guides at: <https://www.agrigem.co.uk/advice-centre/how-to-guides/trees-ornamentals>



Weed Killers



Paddock and Pasture

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 95

Weed control in paddocks and pasture is important for a number of reasons. Not only is the look and density of the grass important, some weeds such as ragwort and sycamore can pose a serious threat to livestock and needs to be controlled with a selective herbicide. In this section you will see the various products available.

A 10% infestation of any weed, means a 10% reduction in grass, whether this is to be used for grazing or cropped for hay.

AGRITOX®

For the control of grassland weeds

Active ingredient
500g/L (44.25% w/w) MCPA

MAPP No.
14894

Boom sprayer rate
Up to 3.3L per ha

Area covered
Up to 3ha



Agritox is a selective weed killer used in grassland. It will control weeds such as nettles, buttercup, poppy, thistles and a wide range of perennial weeds. It can be used on established grassland and leys over one year old. To gain better results, mix in with a herbicide enhancer called Activate-G.

DEPITOX®

A useful mixer product for improving the spectrum of herbicides

Active ingredient
500g/L 2,4-D

Knapsack sprayer rate
165ml per 10L of water

MAPP No.

17597

Boom sprayer rate
3.3L per ha

Area covered
Up to 4ha



Depitox is a contact selective herbicide which targets the weeds growing hormones. With Depitox being a contact herbicide, it is important to get the best coverage possible, as it will only kill the weeds it touches by distorting their growth points.

DOXSTAR® PRO

A tough dock weed killer

Active ingredients
150g/L fluroxypyr and 150g/L triclopyr

MAPP No.
15664

Boom sprayer rate
2L per ha

Area covered
Up to 1-2ha



Doxstar Pro is a foliar acting herbicide for the control of all dock species and chickweed in established grassland. This product is rain-fast in two hours giving it an edge over any other dock weed killer. We feel this is one of the best products on the market for controlling tough docks in grassland and amenity grassland.

ENVY®

Broad spectrum herbicide for buttercup control

Active ingredients
100g/L fluroxypyr and 2.5g/L florasulam

Knapsack sprayer rate
100-200ml per 20L of water

MAPP No.
17901

Boom sprayer rate
2L per ha

Area covered
Up to 2ha



Env is the herbicide for use in paddocks and pasture. It is a foliar acting herbicide for the control of thistles, chickweed, buttercups, dandelions and daisy in new and established grassland. This is the best product on the market for controlling buttercups.

GRAZON® PRO

The ideal product for spot spraying weeds

Active ingredients
240g/L triclopyr and 60g/L clopyralid

Knapsack sprayer rate
60ml per 10L of water

MAPP No.

19875

Area covered
Up to 1ha



A selective herbicide for the control of perennial, broad leaved weeds such as nettle, dock and thistle in established grassland. It is the market leading product for spot spraying unsightly paddock weeds. Grazon Pro is also effective on weeds such as dandelion, creeping buttercup and daisy and is approved for use in amenity grassland.

HURLER®

A selective for use in newly sown grass

Active ingredient
200g/L fluroxypyr

Knapsack sprayer rate
35-100ml per L of water

MAPP No.

17715

Boom sprayer rate
750ml-2L per ha

Area covered
Up to 6ha



Hurler is one of a few products which are approved for use on grass which is under six months old. This is especially useful as newly sown leys are often overgrown by weeds. Multiple applications at low doses may be required on larger tougher weeds. This is also a useful product for controlling certain weeds in meadows.



Precision, Performance, Choice

You don't have a one-size-fits-all challenge, so why use a one-size-fits-all solution? For the amenity professional, choice is crucial.

Arigem offers one of the widest ranges of specialist herbicides on the market, giving you the power to select the perfect product for every task and contract – no matter how challenging.

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DEPITOX 500



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POLO



THRUST



TURFMASTER

Always read the label and use plant protection products safely.



CORTEVA™

agriscience



High levels of safety



Short grazing intervals



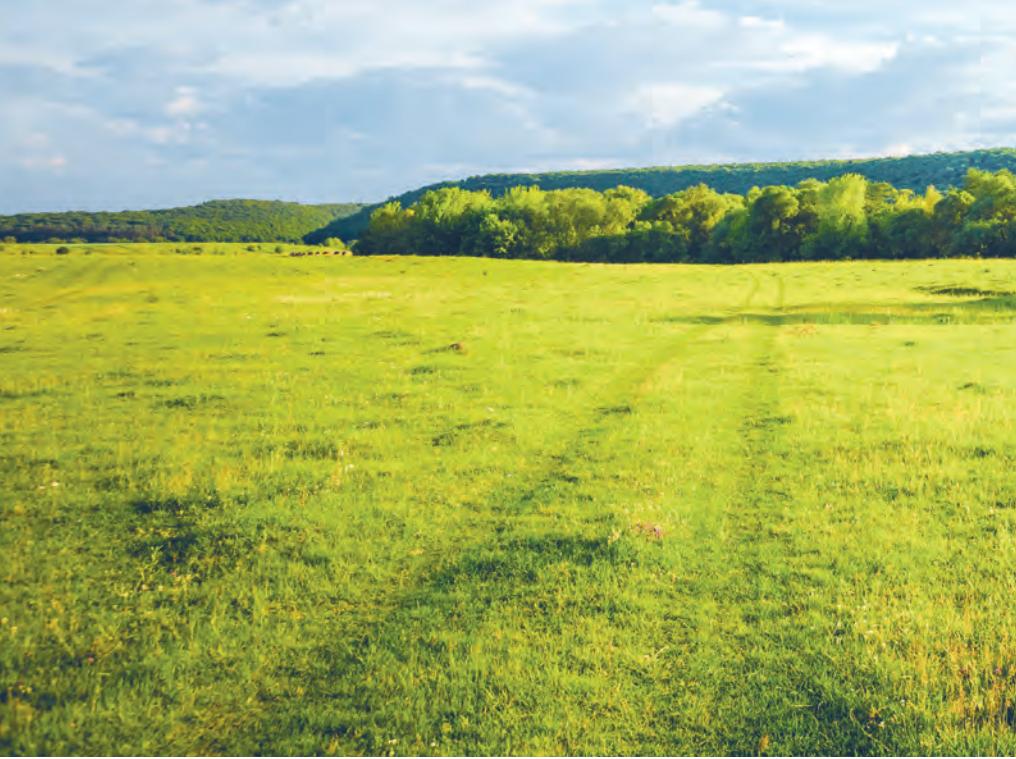
Controls a wide range of weeds



Herbicide range for established grassland, new sown leys, and spot treatment



Shop the range at: agrigem.co.uk



LEYSTAR®

3-way herbicide for use in grassland

Active ingredients

100g/L fluroxypyr
80g/L clopyralid
2.5g/L florasulam

Knapsack sprayer rate

50-100ml in 10L per 500m²

MAPP No.
19938

Boom sprayer rate
2L per ha or 800ml per acre

Area covered
Up to 2ha



2L

Leystar is a 3-way post emergent selective herbicide with a broad spectrum of weed control. It is designed to specifically target dandelion, daisy, buttercup, cleavers, ribwort plantain and other broad-leaved weeds such as common chickweed and thistle.

PAS®-TOR®

Twin pack selective herbicide

Active ingredients

Pas: 150g/L
fluroxypyr + 15g/L
triclopyr Tor: 200g/L
clopyralid + 200g/L
triclopyr

MAPP No.
Pas 17772
Tor 19958

Boom sprayer rate
1L per ha Pas
+ 1L per ha Tor

Area covered
Up to 2ha



2L + 2L

This twin pack of Pas Tor is the replacement for Pastor Pro (now discontinued) containing more active ingredients to produce more effective results on docks, nettles and thistles in established grassland, paddocks and pasture. With up to three times the coverage in comparison to Pastor Pro it is also more cost effective than its predecessor.

POLO®

For the control of tough paddock weeds

Active ingredients
360g/L 2,4-D +
315g/L MCPA

MAPP No.
19599

Boom sprayer rate
3.5L per ha

Area covered
Up to 3ha



10L

A strong selective herbicide which can be used to control tough paddock weeds such as ragwort, thistle, dock and buttercup. It contains two strong hormone active ingredients, 2,4-D and MCPA. Both are fast acting, twisting and distorting the weeds within days.

SHIELD PRO

Combats yield-robbing weeds.

Active ingredient
400g/L clopyralid

Knapsack sprayer rate
12.5-25ml per 10L of water

MAPP No.
20156

Boom sprayer rate
0.25-0.5L per ha

Area covered
Up to 4-8ha



5L

Shield Pro is the new and improved version of the trusted herbicide Dow Shield® 400, designed to combat yield-robbing weeds in a variety of crops including grassland and ornamental plant production.

SQUIRE® ULTRA

Clover safe herbicide for the control of docks and other broad leaved weeds in grassland.

Active ingredient

75% amidosulfuron

Knapsack sprayer rate
3g per 10L of water

MAPP No.
20707

Boom sprayer rate
60g per ha in
200-400L of water

Area covered
Up to 2ha



120g

Squire Ultra selective weed killer is a herbicide safe to white clover which offers excellent results against established dock infestations. It is used at very low doses which give it good crop and operator safety, along with no buffer zones around water courses. Squire Ultra is also good on other weeds such as cleavers and bracken.

THISTLEX®

The number one for controlling thistles

Active ingredients
200g/L clopyralid
and 200g/L triclopyr

MAPP No.
19876

Boom sprayer rate
1L per ha

Area covered
Up to 3ha



3L

ThistleX is a strong selective herbicide which targets thistles and chickweed. It will control all species and sizes of Thistles, although better control may be achieved if large thistles are mowed four weeks before treatment.

THRUST®

Controls buttercups and other paddock weeds

Active ingredient
344g/L 24-D +
120g/L dicamba

Knapsack sprayer rate
180ml per 10L of water

MAPP No.
15408

Boom sprayer rate
3.5L per ha

Area covered
Up to 1.6ha



5L

This is a very useful product for general paddock weeds. It is particularly good on buttercup, clover, dandelion, thistle and ragwort. Apply from April to October when the weeds and grass are actively growing and are at a stage where you will get good coverage.



Total and Long Lasting

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 96

In this section you will find weed killers that will control all weeds and grasses. There are many variations depending on the area, how fast you want them to work, how long you want them to last, and how established the weeds are you wish to treat.

BRONCO

Cost effective control of emerged weeds in industrial and amenity situations.

Active ingredient
360g/L glyphosate

Knapsack sprayer rate
250ml per 10L of water

MAPP No.
202841

Boom sprayer rate
5L per ha

Area covered
Up to 4ha



5L 20L

Contains powerful surfactant for incredible performance. Rain fast in four hours. Quickly degrades in soil. Drill crops 48 hours after application. Sow grass seed five days from treatment. Plant shrubs and trees seven days after application. Efficacious at low temperatures.

CHIKARA®

A long lasting residual herbicide

Active ingredient
flazasulfuron 25% w/w

Knapsack sprayer rate
2.5-7.5g per 10L of water

MAPP No.
20185

Boom sprayer rate
50-150g per ha

Area covered
Up to 3ha



50g 150g

Chikara is a long lasting residual weed killer. When used at the correct rates it will control most annual and perennial weeds for up to six months. For best results mix Chikara with a glyphosate product such as Roundup Pro Active.

DIAMOND®

Controls horsetail plus other tough weeds

Active ingredient
160g/L 2,4-D + 240g/L glyphosate

MAPP No.
19846

Boom sprayer rate
3-5L per ha

Area covered
Up to 1ha



1L 5L

Diamond treats tough weeds such as bindweed and ragwort, and is one of the few products on the market that will successfully control horsetail. The 2,4-D will break down the leaf tissue to allow the glyphosate to penetrate deeper into the root system, providing better control than glyphosate alone.

FINALSAN®

Glyphosate free control for broadleaved weeds and moss

Active ingredient
186.7g/L pelargonic acid

Knapsack sprayer rate
1.7L per 10L of water

MAPP No.
13102

Boom sprayer rate
170L per ha

Area covered
Up to 588m²



10L

Finalsan is a powerful contact herbicide that does not contain glyphosate and controls grass, moss, algae and many common broad-leaved weeds on areas such as paths, orchard crops and lawns.

GALLUP BIOGRADE®

Non hazardous professional glyphosate

Active ingredient
360g/L glyphosate

Knapsack sprayer rate
250ml per 10L of water

MAPP No.
17612

Boom sprayer rate
5L per ha

Area covered
Up to 4ha



5L 20L

Non-hazardous formulation from the popular brand, Gallup. It is a foliar applied total herbicide for the control of annual and perennial grass and broad-leaved weeds. It can be used in many crops, for the destruction of grassland, in orchards, green cover on land not being used for production, forestry and non-crop areas.

GALLUP HI-AKTIV®

Strong professional glyphosate

Active ingredient
490g/L glyphosate

Knapsack sprayer rate
116-176ml per 10L of water

MAPP No.
17646

Boom sprayer rate
1.1-4.4L per ha

Area covered
Up to 4.5ha



5L

Gallup Hi-Aktiv is the new high strength and non-hazardous formulation from the popular brand, Gallup. It is a foliar applied total herbicide for effective control of annual and perennial grass and broad-leaved weeds. This higher concentrate of glyphosate means you use lower dose rates.



Certis Belchim

GROWING TOGETHER



Chikara

A non-selective residual herbicide for use on natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, hard surfaces (railway ballast only) and amenity vegetation (around).



Finalsan

A non-selective emulsifiable concentrate herbicide for use on paths, around trees and ornamental plants, on decorative lawns and turf, in orchard crops (around pome fruit, stone fruit, soft fruit) and vineyards, as well as pre-emergence and pre-planting of various vegetable crops.



Katoun Gold

A non-selective contact herbicide for use on amenity vegetation (bare soil around trees and woody shrubs), natural surfaces not intended to bear vegetation, and permeable surfaces overlying soil including gravel pathways, forest nursery and hardy ornamental plant production.

Shop at: agrigem.co.uk



GALLUP® HOME & GARDEN

Non-professional use glyphosate

Active ingredient
360g/L glyphosate

Knapsack sprayer rate
240ml per 10L of water

MAPP No.
17672

Boom sprayer rate
4L per ha

Area covered
Up to 2,500m²



1L

Gallup® Home & Garden is a foliar applied total herbicide for the control of annual and perennial grass and broad-leaved weeds (for example docks, nettles, willowherb, dandelion and bindweed) in all garden and amenity situations.

KATOUN® GOLD

Glyphosate free natural weed killer

Active ingredient
500g/L of pelargonic acid

Knapsack sprayer rate
450ml per 10L of water

MAPP No.
20173

Boom sprayer rate
22.5L per ha

Area covered
Up to 2,000m²



5L

Katoun Gold is a non-glyphosate total weed killer for use in amenity areas as a natural weed management solution. It uses pelargonic acid to destroy the cuticle and damage the cell membrane. It can be applied year-round however it is more effective in the summer months.

NEW WAY WEED SPRAY

Glyphosate free weed and moss killer

Active ingredient
240g/L acetic acid

Knapsack sprayer rate
4L per 12L of water

MAPP No.
20148

Boom sprayer rate
250L per ha

Area covered
Up to 200m²



5L

Made from naturally occurring ingredients, New-Way Weed Spray is fast acting with weeds and moss dying 1-2 days after treatment. Unlike other moss killers for hard surfaces, New Way Weed Spray will also control weeds and grass as well, eliminating the need for a separate application.

PRO SHIELD®

A long lasting herbicide which kills present weeds

Active ingredients
250g/L glyphosate and 40g/L diflufenican

Knapsack sprayer rate
225ml per 10L of water

MAPP No.
17525

Boom sprayer rate
4.5L per ha

Area covered
Up to 1.1ha



5L

Proshield is a long-lasting herbicide which controls a wide range of annual and perennial weeds, as well as grasses. It should be used on surfaces which are permeable, such as soil, gravel, hardcore and crushed concrete.

VALDOR FLEX

Residual pre-emergent herbicide

Active ingredients
360g/kg diflufenican, 10g/kg iodosulfuron

Knapsack sprayer rate
25g per 10L of water

MAPP No.
20240

Boom sprayer rate
500g per ha

Area covered
Up to 1ha



500g

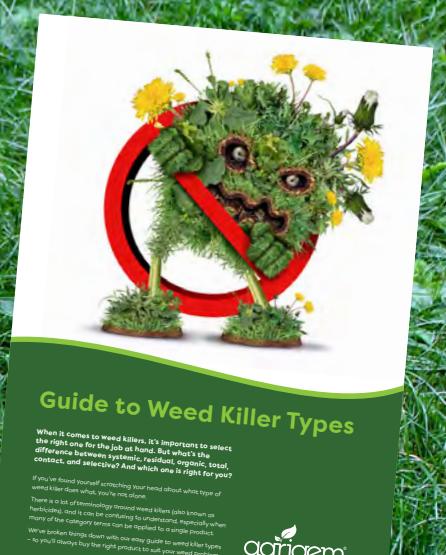
Valdor Flex is a new residual, pre-emergent herbicide that controls a broad spectrum of weeds. It can be applied to all premeable surfaces and railway ballast to provide effective weed control in a number of environments from industrial sites to public spaces.

View Our Guide to Weed Killer Types

Scan the qr code or visit:



<https://agrigem.b-cdn.net/downloads/guide-to-weedkiller-types.pdf>



Guide to Weed Killer Types

When it comes to weed killers, it's important to select the right one for the job in hand. But what's the difference between systemic, residual, organic, total, contact, and selective? And which one is right for you?

If you've found yourself scratching your head about what type of weed killer does what, you're not alone. There is a lot of terminology around weed killer (just look at the packaging) and for conflicting or contradicting information, many of the companies involved in weed killer tend to use multiple terms to describe their products or for a single product.

We've broken things down with our easy guide to weed killer types - so you'll always buy the right product to suit your weed problem.

agrigem

Roundup®



ROUNDUP® GL

Professional use total weedkiller

Active ingredient
360g/L glyphosate

Knapsack sprayer rate
150-500ml per 10L of water

MAPP No.
17348

Boom sprayer rate
5L per ha

Area covered
Up to 4ha



20L

Roundup® Biactive GL is a foliar applied translocated herbicide for the control and management of annual and perennial grass and broad-leaved weeds. It is recommended for use in non-crop areas such as roadsides, paths, hard surfaces and along fences and walls.

ROUNDUP® PRO ACTIVE

Clean labelled glyphosate weed killer

Active ingredient
360g/L glyphosate

Knapsack sprayer rate
250ml per 10L of water

MAPP No.
17380

Boom sprayer rate
5L per ha

Area covered
Up to 1ha



1L 5L

Roundup Pro Active has excellent safety credentials and can be used for the control of annual and perennial grasses and broad-leaved weeds. It can be used in non-crop areas such as roadsides, paths, hard surfaces and aquatic areas. The new formulation has drift retardant properties and is also rainfast in one hour.

ROUNDUP® PRO VANTAGE

The number one for total weed control

Active ingredient
480g/L glyphosate

Knapsack sprayer rate
175ml per 10L of water

MAPP No.
15534

Boom sprayer rate
3.5L per ha

Area covered
Up to 1.4ha



5L

Roundup Pro Vantage 480 is a newer, faster acting and stronger version of its rivals. It is a foliar applied and translocated to the leaves using a new surfactant system known as biactivator adjuvant technology. It will then travel around the plant and down to the roots ensuring the whole plant is killed.

Weed Killers



Aquatic

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 96

Controlling weeds in or around water can be very difficult. In order to protect the environment, it is vital that you use a product that has a full aquatic approval. Where possible we would recommend injecting the stems of weeds with Roundup. This helps reduce the risk of contamination in the water.

BLUE POND DYE

Reduces pond/lake algae and weeds

Area covered

1L will treat
4,000,000L or
4,000m³ of water.

This product is safe to Fish and Wildlife.



Blue pond dye maintains a stable environment in your garden pond by preventing sunlight from creating the abundance of resources that lead to unsightly algae and weeds. Lake and pond owners can experience what's called an algal

bloom when resources are plentiful leading algae reproduce in record numbers. Consuming larger and larger amounts of the resources available, the bloom can kill other pond life, both other plants and fish.

POND WEED INHIBITOR

Reduces algae and submerged weeds

Area covered

1 x 100g water soluble sachet will treat 400,000L.

This lake shadow is completely safe to humans, wildlife, and are all non-toxic European Food approved items, manufactured from organic sources.



Pond Weed Inhibitor is a revolutionary way of controlling and reducing submerged weeds in ponds and lakes. It to half the light from reaching the bottom, which in turn will inhibit or halt any growth of algae. It contains a special blend of the

three primary colours, red, yellow and blue so that anyone looking at the water would not know that any colour had been used.

CLEAR WATER PRO

Reduces algae by targeting nitrates and phosphates.

Application rate

Application rate depends on nutrient inputs, water temperature and sunshine hours. A higher dosing frequency may be required in the summer.



8x250g 25x250g 50x250g

Clear Water Pro is a natural water treatment designed to restore balance and clarity to ponds. Each water-soluble sachet contains a powerful blend of beneficial bacteria (CFU 5 x 10⁹), enzymes, and buffers that work together to improve water quality.

ROUNDUP® PRO ACTIVE

Clean labelled glyphosate weed killer

Active ingredient

360g/L glyphosate

Knapsack sprayer rate

250ml per 10L of water

MAPP No.

17380

Boom sprayer rate

5L per ha

Area covered

Up to 1ha



1L 5L

Roundup Pro Active has excellent safety credentials and can be used for the control of annual and perennial grasses and broad-leaved weeds. It can be used in non-crop areas such as roadsides, paths, hard surfaces and aquatic areas. The new formulation has drift retardant properties and is also rainfast in one hour.

Moss and Algae Control

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 97

MOSS ON HARD SURFACES

Moss on hard surfaces can look untidy, and cause slip hazards. It can also block drains or keep areas unnecessarily damp.

The only way to properly control moss is with a moss killer or biocide like the products listed in this category. It is important to apply in dry conditions so the product can be fully absorbed into the moss.

FINALSAN®

Glyphosate free control for broadleaved weeds and moss

Active ingredient
186.7g/L
pelargonic acid

Knapsack sprayer rate
1.7L per 10L of water

MAPP No.
13102

Boom sprayer rate
170L per ha

Area covered
Up to 588m²



Finalsan is a powerful contact herbicide that does not contain glyphosate and controls grass, moss, algae and many common broad-leaved weeds on areas such as paths, orchard crops and lawns.

KATOUN® GOLD

Glyphosate free natural weed and moss killer

Active ingredient
500g/L of
pelargonic acid

Knapsack sprayer rate
450ml per 10L of water

MAPP No.
20173

Boom sprayer rate
22.5L per ha

Area covered
Up to 2,000m²



Katoun Gold is a non-glyphosate total weed killer for use in amenity areas as a natural weed management solution. It uses pelargonic acid to destroy the cuticle and damage the cell membrane. It can be applied year-round however it is more effective in the summer months.

MOSSKADE®

Natural plant based moss killer

Active ingredients
Natural plant
derived starch,
proteins, oils, lactic
acid and water

Knapsack sprayer rate
2L per 18L of water

Area covered
Up to 250m²



1L

5L

A popular moss, liverwort, algae and lichen control product that is made from 100% natural ingredients. It contains plant derived starch, proteins, oils, lactic acid and water. For the best results, we recommend applying MossKade in autumn, winter or spring to produce a protective layer that prevents moss or algae from forming.

NEW WAY WEED SPRAY

Glyphosate free weed and moss killer

Active ingredient
240g/L acetic acid

Knapsack sprayer rate
4L per 12L of water

MAPP No.
20148

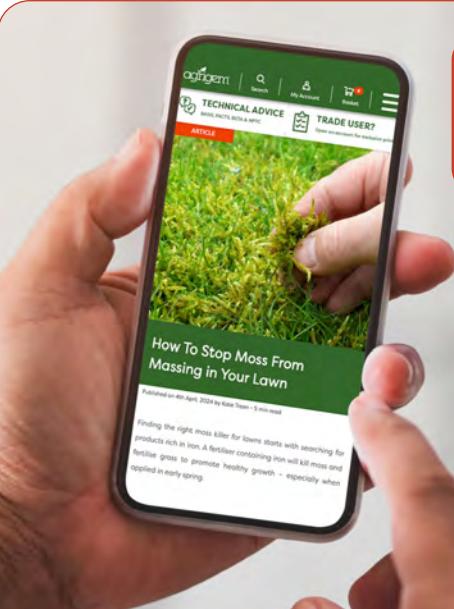
Boom sprayer rate
250L per ha

Area covered
Up to 200m²



5L

Made from naturally occurring ingredients, New-Way Weed Spray is fast acting with weeds and moss dying 1-2 days after treatment. Unlike other moss killers for hard surfaces, New Way Weed Spray will also control weeds and grass as well, eliminating the need for a separate application.



READ MORE ON OUR WEBSITE

How to stop moss from massing



<https://www.agrigem.co.uk/advice-centre/stop-moss>

Sports Turf and Lawns Disease Control

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 97

Controlling diseases in finely mown grass can be very important to the overall look of the grass. It can also help improve the vigour and longevity of the sward as some infestations can be detrimental. There are many types of disease which target sports turf, and they require specialist fungicides.

ABZORB

Wetting agent with seaweed

Active ingredients
Humic acid,
surfactants,
colourants.

Knapsack sprayer rate
300-600ml per 15L of water

Boom sprayer rate
10-20L per ha in 300-600L of water

Area covered
Up to 1ha



1L 10L 210L 1,000L

Although not a fungicide, this fast acting wetting agent attaches itself to the waxes and lipids left by fungal spores on soil and sand particles, which in turn attracts water molecules allowing hydrophobic areas to be re-wet.

ABZORB TABLETS

Abzorb wetting agent tablet with seaweed

Active ingredients
Humic acid,
colourants and
seaweed extract

Area covered
Up to 1ha



250g



2.5kg

Abzorb is an effervescent tablet form with added seaweed extract, this concentrated wetting agent is easy to use. Simply take the tablet out of its packaging and place in your hand held hose applicator. Aim the water and tablet towards any dry patches and also aids the green-up of turf with the seaweed extract.

ASCERNITY

Sports turf fungicide

Active ingredients
23.6g/L
benzovindiflupyr
and 78.8g/L
difenoconazole

MAPP No.
19544

Boom sprayer rate
3L per ha in
125-500L per ha of water

Area covered
Up to 1ha



3L

Ideal fungicide solution for enclosed professional sports turf, providing unparalleled protection against a wide range of fungal infections. Its innovative balanced-systemic formula ensures reliable sustained disease control, making it the perfect choice for maintaining the health and appearance of sports fields.

DEDICATE

Dedicate is a contact systemic turf fungicide which is highly effective.

Active ingredients
200g/L
tebuconazole
and 100g/L
trifloxystrobin

Knapsack sprayer rate
50ml per 20-25L of water

MAPP No. 17003

Boom sprayer rate
1L per ha per
400-500L of water

Area covered
Up to 2,500m²



250ml

Dedicate is rapid acting with results within two weeks of application, is long-lasting and can be used all year round with up to four applications a year.

INSTRATA® ELITE

Broad spectrum foliar fungicide

Active ingredients
80.3g/L
difenoconazole +
80.3g/L fludioxonil

Knapsack sprayer rate
60ml per 10L of water

MAPP No.
17976

Boom sprayer rate
3L per ha

Area covered
Up to 1ha



3L

A broad spectrum foliar fungicide with both contact and systemic properties for control of microdochium, patch, dollar spot, brown patch and moderate control of anthracnose on managed amenity turf.



Abzorb

Triple Action
Wetting Agent

Key Benefits

- 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.**

Abzorb is an excellent wetting agent derived from surfactants with a very low environmental impact. **Abzorb** assists the rapid penetration of water in dry areas for medium to long term re-wetting.

This fast acting wetting agent attaches itself to the waxes and lipids left by fungal spores on soil and sand particles which in turn attracts water molecules allowing hydrophobic areas to be re-wet. **Abzorb** contains a blend of soil penetrating surfactants, that help to re-wet dry areas of turf affected by dry patches and fairy ring.



MEDALLION®

New product for a high level of disease control

Active ingredient
125g/L fludioxonil

Knapsack sprayer rate
120ml in 10L of water

MAPP No.
15287

Boom sprayer rate
3L per ha

Area covered
Up to 1ha



1L 3L

Medallion is a brand new fast-acting fungicide that has been formulated for high levels of control of diseases including fusarium patch, leaf spot and anthracnose. Medallion gives long lasting protection during the cooler months.

PURITY

Organic soil conditioner.

Analysis breakdown
nitrogen: 1.10%;
P2O5 : 0.26%; K2O:
0.94%; magnesium:
0.02%; pH: 5.7

Spreading rate
30g per m²

Area covered
Up to 667m²



20kg

Purity soil conditioner was designed and manufactured by Velvit's team of lawn care and amenity turf specialists. The aim of this soil conditioner is to provide the soil with a building block of organic matter. This will stimulate all available nutrients to release steadily over a 6-8 week period.

QUALIBRA®

Turf wetting agent

Active ingredients
15-25% W/W oxirane, methyl-, polymer with oxirane, ether

Knapsack sprayer rate
500ml per 10L of water covers 200m²

Boom sprayer rate
20L per ha

Area covered
Up to 5,000m²



10L

Qualibra is an exciting new concept in wetting agent technology. With Qualibra, water quickly moves away from the surface, and then is held more evenly and to greater depth within the root zone for better utilisation by turf plants.



PLAZMA®

TURF DISEASE CONTROL

PLAZMA is a powerful, high performance, broad spectrum fungicide for the control of disease in managed amenity turf. It contains 250g per litre of the active ingredient Azoxystrobin, making it one of the strongest broad spectrum professional turf fungicides on the market.

Azoxystrobin is known to target a wide variety of turf diseases including fusarium patch, take-all patch, brown patch, leaf spot, rust diseases, fairy rings and anthracnose.

Key Features

Easy to use liquid formulation; can be used in boom sprayer or knapsack

Ideal in high humidity conditions

Fast acting and long lasting with rainfast properties.

1L convenient pack size

250g per litre Azoxystrobin

Manufactured by Nufarm, a leading manufacturer of crop protection products for the last 100 years.



PLAZMA contains 250g per L (22.9 w/w) Azoxystrobin. MAPP No. 19416
Use plant protection products safely • Always read the label and product information
before use • PLAZMA is a registered trademark of Nufarm UK Ltd.



PLAZMA®

Plazma is a powerful, high performance, broad spectrum fungicide for the control of disease in managed amenity turf.

It contains 250g per litre of the active ingredient azoxystrobin, making it one of the strongest, broad spectrum professional turf fungicide on the market.

Azoxystrobin is known to target a wide variety of turf diseases including fusarium patch, take-all patch, brown patch, leaf spot, rust diseases, fairy rings and anthracnose.

Plazma has systemic control of wide range of turf diseases, with protectant action. It is ideal in high humidity conditions such as stadiums to prevent the spread of dollar spot.

It moves within the grass plants and protects new growth from the ingress of disease.

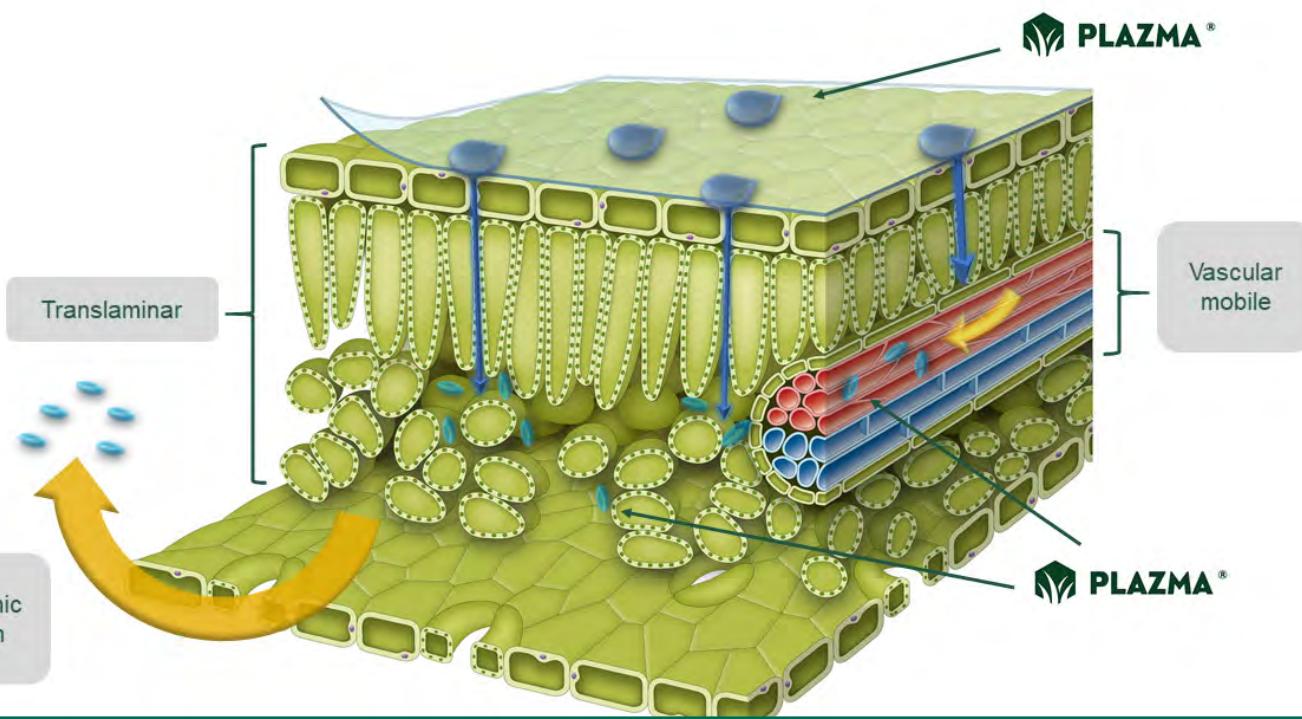
Active Ingredient 250g/L (22.9 w/w) Azoxystrobin

Knapsack Sprayer Rate 20ml per 10L of water

MAPP No. 19416

Boom Sprayer Rate 1.0L per ha in 500L of water

Area Covered Up to 10ha





Sports Turf and Lawn Pests

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 97

Controlling pests in lawns and sports turf is incredibly important. If left untreated, pests such as leather jackets can completely destroy an area. This not only looks untidy, but can render sports areas such as bowling greens useless.

Each pest's application time differs, but a treatment should be applied at the first sign of damage.

ACELEPRYN®

Insecticide for the control of chafer grubs and leatherjackets

Active ingredient
200g/L chlorantraniliprole
Knapsack sprayer rate
6ml per 6L of water
MAPP No. 20149
Boom sprayer rate
600ml per ha
Area covered
Up to 5ha



600ml

3L

Acelepryn is an insecticide for the control of chafer grubs and leatherjackets in managed amenity turf. Acelepryn has been fully approved and will be available in time for the key chafer grub application timing in late spring, and to target leatherjackets in the autumn.

CASTING

Cultural soil amendment for worm casts

Analysis Breakdown

% w/w
ammoniacal N 5.10
sulphur trioxide (SO₃) 14.40
calcium (Ca) 0.03
iron (Fe) 0.280

Boom sprayer rate
10-20L per ha in 250-400L of water

Knapsack sprayer rate
250-500ml per 10L of water

Area covered
Up to 1ha



10L

NutriFlo Casting is a non-pesticidal, plant nutrient based liquid that improves turf health and alters the local soil surface environment in areas facing the negative consequences of excessive surface casting. Worm casts are small piles of muddy soil ejected from the digestive tract of certain species of earthworm; whilst earthworms are usually relatively beneficial to gardens, worm casts are unsightly and ruin the appearance of lawns. NutriFlo Casting has been designed to irritate and deter worms by pushing them lower into the soil structure, therefore reducing the chance of worm casts. Casting is a cultural soil amendment and not a fertiliser, although it should be used as part of a standard fertiliser programme. Always read and follow label instructions.

ELEMENTAL SULPHUR

Elemental sulphur

Active ingredient
90% sulphur + 10% bentonite clay
Spreading rate
500-4,000 kg per ha
Area covered
Up to 500m²

25kg

600kg

- Increases crop yield, quality and profitability
- Corrects pH level of soil when used at higher rates
- Provides and releases calcium in plants



NutriGrow Sulphur is a granular product containing 90% elemental sulphur and 10% bentonite clay. It can be used at low rates simply to deliver sulphur to the crop or at higher rates to correct the soil pH. Sulphur breaks down and washes into the soil rapidly but requires warm soils to become useable to the plant. This is a granular product which is suitable for hand or machine spreading; it can be incorporated into the soil or left to dissolve on the surface.

GRAZERS®

Prevents damage from pests

Analysis breakdown
6% calcium oxide
4.5% w/w calcium

Knapsack sprayer rate
40ml per 10L of water
Boom sprayer rate
1,000ml per 250L of water

Area covered
Up to 1ha



1L

Grazers is applied to the foliage of any growing plant where it is absorbed systemically. It can be sprayed safely on ornamental, shrubs, roses, bedding, fruit or vegetable/salad and Lawns. It will also help repair any damage already caused.



Acelepryn®



MAPP
20149

Acelepryn® is an insecticide for the control of chafer grubs and leatherjackets in managed amenity turf.

Available in time for the key chafer grub application timing in late spring, and to target leatherjackets in the autumn.



Acelepryn® contains: 200g/L chlorantraniliprole. MAPP No. 20149

Always read the label and product information before use. Use pesticides safely.

SVEN®

Pyrethroid insecticide

Active ingredient
25g/L esfenvalerate

Knapsack sprayer rate
15ml per 10L of water

MAPP No. 18627

Boom sprayer rate
300ml per ha

Area covered
Up to 3.3ha



1L

Sven is a pyrethroid insecticide which can be used across a broad range of crops including managed amenity turf. Sven controls insects by contact and ingestion, it will also offer a degree of protection to new insects not present at time of application.

TRICO GARDEN

Highly effective protection against deer for trees, shrubs and ornamental plants.

Active ingredient
64.6g/L sheep fat

Knapsack sprayer rate
Info on label

- Exceptional rain resistance and visibility
- Provides a year-round defence
- Highly effective protection for trees, plants, vineyards, orchards, and crops



500ml 10L

Trico offers highly effective protection for trees, shrubs and ornamental plants. What sets it apart is its exceptional rain resistance and visibility, providing year-round defence. With Trico, you can enjoy long-term peace of mind, as it protects both deciduous and coniferous species, even through spring growth.

TURFGARD

Garlic extract and kelp

Active ingredients
Garlic extract + kelp

Knapsack sprayer rate
150ml per 10L of water

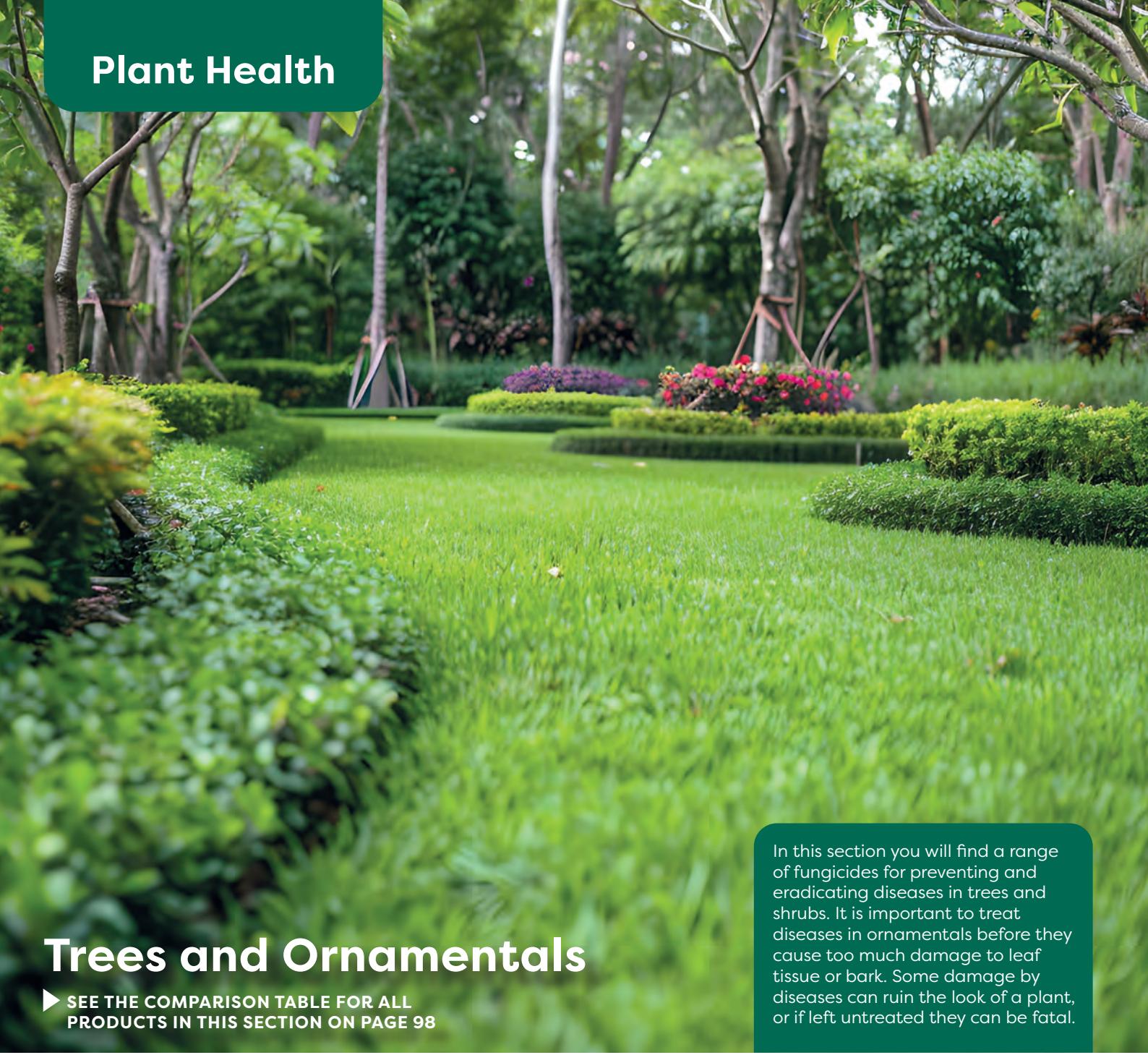
Boom sprayer rate
5-10L per ha

Area covered
Up to 1ha



5L

Turfgard promotes plant health to help overcome any pest attacks and is best used before any infestations occur. The natural ingredients of garlic extract and kelp means it has no pesticidal activity but makes the crop less attractive to pests to attack.



Trees and Ornamentals

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 98

In this section you will find a range of fungicides for preventing and eradicating diseases in trees and shrubs. It is important to treat diseases in ornamentals before they cause too much damage to leaf tissue or bark. Some damage by diseases can ruin the look of a plant, or if left untreated they can be fatal.

AMISTAR®

Broad spectrum fungicide

Active ingredient
250g/L azoxystrobin

Knapsack sprayer rate
20ml per 10L

MAPP No. 18039

Boom sprayer rate
1L per ha

Area covered
Up to 5ha



1L 5L

Amistar can be used on a range of vegetables, fruit, ornamental plants and trees to control diseases including alternaria, rust, downy mildew and ring spot. It contains azoxystrobin, a broad spectrum fungicide from the strobilurin group.

NIMROD®

Fast acting mildewicide

Active ingredient
250g/L bupirimate, n-butanol, hydrocarbons

Knapsack sprayer rate
7-40ml per 10L of water

MAPP No. 18522

Boom sprayer rate
Varies widely depending on crop

Area covered
Up to 1.2ha



1L

A systemic fungicide which moves around within a plant to cure and protect against powdery mildew on apples, pears, soft fruits, hops and a range of ornamental plants. For a full range of the plants it can be used on consult the label.

PROPELLAR

A biocontrol crop disinfectant.

Active ingredient
Solvent based cleaner

This disinfectant spray, is alcohol based (isopropanol), and should be used in areas at high risk of disease transmission (saws, pruning saws, chainsaws, clothing). It comes in a convenient 1L bottle with a trigger spray.



1L

A ready-to-use spray to stop the spread of destructive tree diseases like ash dieback (chalaris fraxinea) and sudden oak death (phytophthora ramorum). The fungal pathogens that cause these diseases enter the trees through the leaves and spores on the leaf litter, contaminated equipment, or carried by vehicles or people.

SB PLANT INVIGORATOR

Chemical free plant pesticide and mildewicide

Active ingredients
A unique blend of plant safe, physical pest control surfactants

Knapsack sprayer rate
10ml per 10L of water

Boom sprayer rate
100ml per 100L of water

Area covered
Up to 20ha



1L 5L

A unique blend of plant safe, physical pest control surfactants to provide a non-chemical, non-biological mode of action against pests on all edible and ornamental crops. Species controlled include whitefly, aphids, spider mite, mealybug, scale and psyllid.

SERENADE® ASO

A broad spectrum biofungicide

Active ingredient
1015.100g/L bacillus subtilis

Knapsack sprayer rate
250ml per 10L of water

MAPP No.
16139

Boom sprayer rate
10L per ha

Area covered
Up to 1ha



10L

Serenade is a broad spectrum biofungicide covering a large range of edibles and ornamentals. It gives excellent protection from Botrytis (grey mould). Serenade can be applied up to six times per crop and there is no harvest interval so can be used right up until harvest.

SIGNUM®

Ornamental fungicide

Active ingredients
26.7g/L boscalid and 6.7g/L pyraclostrobin

Knapsack sprayer rate
65g per 10L of water

MAPP No.
11450

Boom sprayer rate
1.35kg per ha in 500-1,000L of water

Area covered
Up to 3ha



2.5kg

A broad spectrum fungicide with protectant and systemic activity for use against certain diseases in broccoli, brussels sprout, cabbage, calabrese, cauliflower, strawberry, carrot, lettuce (outdoor and protected), field beans, combining peas, vining peas, blackcurrants, amenity vegetation and ornamental plant production.

SWITCH®

Dual action fungicide

Active ingredients
37.5g/L cyprodinil and 25% fludioxonil

Knapsack sprayer rate
8g per 10L of water

MAPP No.
15129

Boom sprayer rate
1kg per ha

Area covered
Up to 1.2ha



1kg

Switch fungicide is best used as a protectant treatment or in the earliest stages of disease development. It is generally used to target botrytis, sclerotinia, aspergillus and penicillium in a wide range of crops.

TAEGRO

Organic approved fungicide.

Knapsack sprayer rate
0.7kg per ha

MAPP No.
19204

Its wettable powder formulation contains 130g/kg of Bacillus amyloliquefaciens strain FZB24, with a minimum of 1x10¹³ cfu/kg (13%w/w).

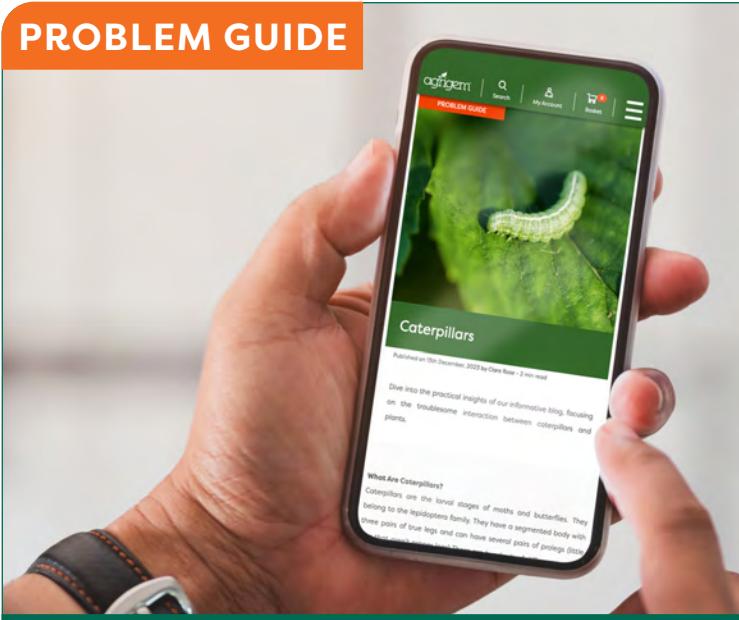


370g

Taegro is a highly effective, organic-approved fungicide that uses the power of microorganisms to suppress diseases on various crops, including ornamental crops, fruit trees, grapevines, and other edible crops grown both outdoors and under temporary/permanent protection.

PROBLEM GUIDES ON OUR WEBSITE

Dive into the practical insights of our informative blog, focusing on the troublesome interaction between caterpillars and plants.



agrigen.co.uk/advice-centre/problem-guides/pests/caterpillars



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Pests in Trees and Ornamentals

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 99

There are many different pests that can affect ornamental trees and plants. These can be specific to a certain variety or species, but will often attack multiple crops. Regardless of the pests, the principle remains the same. It needs to be a fully integrated approach of chemical, biological and mechanical control methods.

APHOX®

Fast acting aphicide

Active ingredient
50% pirimicarb

Knapsack sprayer rate
5g per 10L of water

MAPP No.
18562

Boom sprayer rate
500g per ha

Area covered
Up to 3.5ha



1kg

Aphox is a powerful water dispersible granule insecticide used for controlling aphids in a number of agricultural and horticultural crops. Good spray cover is essential to achieve optimum control.

APOLLO®

Red spider mite control

Active ingredient
500g/L clofentezine

Knapsack sprayer rate
5ml per 10L of water

MAPP No. 17187

Boom sprayer rate
400ml per ha in a minimum of 800L water

Area covered
Up to 3ha



1L

Apollo is a selective and very active acaricide which kills both the eggs and early motile stages of the red spider mite (*Panonychus ulmi*). It is of minimal hazard to predatory mites (e.g. *Typhlodromus pyri*), bees and predatory insects when used as directed.

CORAGEN INSECTICIDE

Targets two-spotted spider mites

Active ingredient
200g/L chlorantraniliprole

MAPP No.
19498

Boom sprayer rate
125-175ml per ha

Area covered
Up to 4ha



500ml

Coragen Insecticide is a suspension concentrate formulation insecticide containing 200g/L chlorantraniliprole for use on agricultural crops such as carrots, maize and sweetcorn. Coragen is a group 28 anthranilic insecticide used for the control of larvae of various Lepidopteran (caterpillar species) and the Dipteran, carrot fly.

DIPEL® DF

Biological insecticide

Active ingredient
54% bacillus thuringiensis kurstaki

Knapsack sprayer rate
7.5g per 10L of water

MAPP No. 18874

Boom sprayer rate
0.5-1kg per 100L water

Area covered
Up to 1ha



500g

DiPel DF is a water dispersible, granular biological insecticide that can be used for the control caterpillars in vegetables, soft fruit, ornamentals and amenity vegetation. It acts quickly on target larvae after initial ingestion of treated plant vegetation. Repeat every 7-10 days until the end of the hatching period.

BOX TREE CATERPILLAR: WHAT TO LOOK FOR

Defoliation.

Cobweb like webbing.

Presence of green and black caterpillars with a black head.

Curved leaf cut-outs from chewing.

Dark brown or black frass specks on leaves.



Speak to our Technical Team for specialist advice and guidance: 01522 246491

FLORAMITE

Targets two-spotted spider mites

Active ingredient
240g/L bifenthrin

Knapsack sprayer rate
4ml per 10L of water

MAPP No.
19607

Boom sprayer rate
600ml per ha

Area covered
Up to 4,166m²



250ml

Floramite is a selective acaricide which targets all mobile stages of two-spotted spider mites on protected strawberries. It is a powerful solution in a convenient suspension concentrated form. Floramite offers some ovicidal activity which is safe for beneficial insects and compatible with integrated pest management programs.

GRAZERS®

Prevents damage from pests

Analysis breakdown
6% calcium oxide
4.5% w/w calcium

Knapsack sprayer rate
40ml per 10L of water

Boom sprayer rate
1,000ml per 250L of water

Area covered
Up to 1ha



1L

Grazers is applied to the foliage of any growing plant where it is absorbed systemically. It can be sprayed safely on ornamental, shrubs, roses, bedding, fruit or vegetable/salad and lawns. It will also help repair any damage already caused.

HALLMARK® ZEON

New technology for controlling pests

Active ingredient
100g/L lambda cyhalothrin

MAPP No.
12629

Boom sprayer rate
20-75ml per ha

Area covered
Up to 13ha



1L

Hallmark Zeon is a fast acting contact insecticide which can be used in agricultural crops, forestry and ornamental plants to control a range of feeding insects. It is rainfast in one hour, making it a popular choice. Ensure this product is not used within 5m of a field boundary or watercourse.

INSECT TRAPS

Traps for chafer beetles, caterpillars and moths

Area of use

Amenity turf, lawn, paddock, pasture and sports turf

Safe for use on
Grass, lawns and new grass

Period of use
May, June, July, Spring and summer

- Chemical free control of chafer grubs and beetles
- Each lure lasts six weeks
- Allows you to monitor the severity of chafer grub/beetle infestation



Chafer grubs and chafer beetles are troublesome garden pests that destroy lawns and are difficult to control. This garden chafer beetle trap works by attracting the adult beetles that emerge from the soil between May and June with a specially formed liquid that you will need to add to the trap during installation.

LEPINOX

Biological insecticide.

Active ingredient
37.5% w/w bacillus thuringiensis var kurstaki strain EG2348

Knapsack sprayer rate
7.5g per 10L of water

MAPP No.
16269

Boom sprayer rate
1kg per ha

Area covered
Up to 1ha



1kg

Lepinox Plus is a biological insecticide for the control of Lepidopteran pests (caterpillars) on a variety of fruit, vegetables, herbs, and field crops. Lepinox is a wettable powder that when the larvae ingest will cease feeding.

MOVENTO®

Controls sucking pests

Active ingredient
150g/L spirotetramat

Knapsack sprayer rate
6-10ml per 10L of water

MAPP No.
18435

Boom sprayer rate
0.3-0.5L per ha

Area covered
Up to 3ha



1L

Movento is an insecticide to control sucking pests on a range of edible and ornamental crops. Movento is best applied when pests first appear. The chemical is translocated to growing points so can reach hidden aphids in leaves and roots, therefore the product is best used when the plant is actively growing.

NATURALIS BIO INSECTICIDE

Bioinsecticide containing a natural fungus

Active ingredient
7.160 % w/w beauveria bassiana ATCC-74040

Knapsack sprayer rate
0.3% v/v-3L/1000L water

Boom sprayer rate
150ml per 10L water

MAPP No.
17526

Area covered
Depends on crop and rate



1L

Naturalis-L is a bioinsecticide containing a natural fungus (based on the entomopathogenic fungus Beauveria bassiana-strain ATCC 74040) and can be used on all protected crops including edible and non-edible crops. Naturalis-L controls whitefly and thrips without leaving a chemical residue.

PROTAC SF

New residue free solution for pest control.

Active ingredients
Mixture of silicone polymers, siloxanes and organic antioxidants

Knapsack sprayer rate
10ml in 10L of water

Boom sprayer rate
500ml per ha

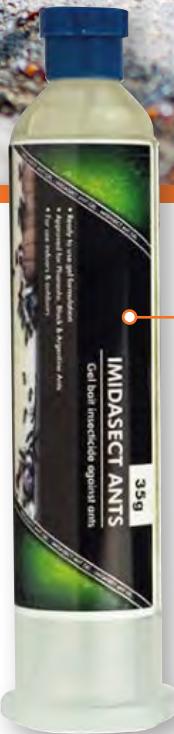
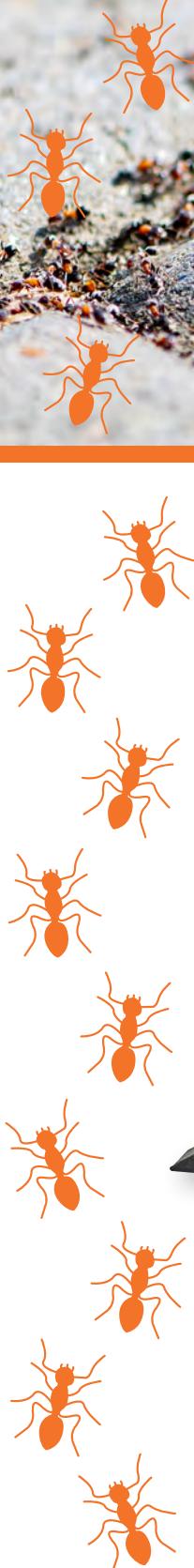
Area covered
Up to 2ha



1L

Protac SF® is a new residue free solution for pest control. It employs a purely physical mechanism to control crop pests. Protac SF® contains polymeric substances, primarily silicone polymers. Once applied to crops, these compounds create a specific structure – a thin, sticky net – on the body surface of pests.

Ant Control



Imidasect Ant Gel

- Highly effective formulation to attract and control Pharaoh ants, Black ants and Argentine ants.
- Foraging ants will feed on the bait and then return to the nest, transferring the bait to the queen and the entire colony.



Bait Bunker

A unique, discreet and highly effective gel bait station for ants and other crawling insects.

- Insect gel baits can be applied through the hole in the lid for quick and easily application.
- The bait station is designed to keep gel secure and out of reach from non-target species.



Maxforce Pushbox

Ready to use insecticidal ant bait station, for the rapid control of a variety of ants.

- Suitable for use indoors and outdoors.
- The Maxforce Quantum formulation is highly palatable.
- Tried and tested against the control of all major ants species.
- Convenient, discreet, long term control.



Gel Bait Gun

Affordable, high-quality Gel Bait Gun for the application of syringe-style baits.

- Suitable for Goliath Gel, Quantum Gel, Imidasect, Maxforce Gel Baits, and many more.
- Easy-to-use with a robust design.

Use insecticides with precaution. Before use, read the label.



Non-Toxic Fly and Wasp Control

Fly Traps

A low-cost, non-toxic, simple-to-use and chemical-free method of controlling flies which is effective for up to 12 weeks. Simply pour in the powdered bait and fill the bag with 1ltr of luke-warm water. Hang the trap outdoors in an area with infestation and once the bag is full the contents can be disposed of onto a compost heap or into general waste. Each bag has the capacity for 20,000 flies.



Wasp Traps

Are to be used in conjunction with Wasp Lure, simply fill the bags with 500ml of wasp lure and hang in an area with infestation, once the bag is full the contents can be disposed of into general waste.

Wasp Lure

Available in 1L and 5L containers. Wasp Lure is a ready to use powerful attractant for wasps, its non-toxic and safe to use in areas where children and pets maybe present.



PYRETHRUM 5 EC

A natural organic insecticide

Active ingredient

50g/L pyrethrins

Knapsack

sprayer rate

30-60ml per 10L of water

MAPP No.

18532

Boom sprayer rate

1.1-2.4L per ha depending on crop

Area covered

Up to 4ha



1L 5L

Pyrethrum 5 EC is a contact insecticide for use on various crops including tomato, aubergine, courgette and peppers. It is used for the control of all chewing and sucking pests including aphids (blackfly and greenfly), caterpillars, whitefly and red spider mite.

RIGEL-G

Organic plant nutrient

Active ingredient

4% silicone (Si)

Knapsack

sprayer rate

30ml per 20L water covers 300m²

Boom sprayer rate

1L per ha per 400-600L of water

Area covered

Up to 2ha



500ml 1L

Rigel-G is a plant nutrient containing silicon, salicylic acid, and garlic that aids plants in combatting stress from harsh growing conditions like drought and disease. It also enhances the plant's natural defence mechanisms, strengths, and plant vigor over time.

SILVANUS

Potassium phosphite to protect again stress

Analysis breakdown

3% silicon

3% nitrogen

28% phosphate

19% potassium

Knapsack

sprayer rate

100-200ml per 10L of water

Boom sprayer rate

2-4L per ha

Area covered

Up to 2.5ha



5L

Specially formulated for use in arboriculture to stimulate host defence response for preventative and therapeutic management of Phytophthora, bacterial and fungal diseases on landscape trees. Silvanus is a formulation of silicon and potassium phosphite with a unique dual action plant nutrient that improves tree health and resilience.

SIRIUS

Organo-silicate spray

Active ingredient

21% silicone (Si)

Knapsack

sprayer rate

50ml per 20L water

Boom sprayer rate

500ml per 200L water

Area covered

Up to 2ha



500ml 1L

Sirius is an organo-silicate spray that enhances plants' natural defence mechanisms and improves crop pest and disease tolerance. Sirius is a liquid feed which can directly affect populations of aphid's whitefly, spider mite and thrips in crops such as fruit, vegetable, ornamentals, trees and hedges.

SEQUOIA®

Suspension concentrate insecticide

Active ingredient

120g/L sulfoxaflor

Knapsack

sprayer rate

250ml per ha for aphid control.

400ml per ha for whitefly control.

Boom sprayer rate

200-400ml per ha

Area covered

Up to 1.25ha



250ml

Sequoia is a selective insecticide for use in protected grown crops of aubergine, courgette, cucumber, gherkin, melon, pepper, pumpkin, squash, tomatoes and ornamentals for the control of aphids and whitefly. It contains 120g per litre of sulfoxaflor.

STICKY TRAPS

Catches pests and flying insects to protect plants

Area of use

Horticulture and Plants

Active ingredient

Adhesive

Area covered

Up to 100m



Sticky traps are a great chemical free way to protect your plants from flying insects in your green house, poly tunnel or conservatory. They are coated on both sides with a non drying glue that will last for months.

SVEN®

Pyrethroid insecticide

Active ingredient

25g/L esfenvalerate

Knapsack

sprayer rate

15ml per 10L of water

MAPP No.

14859

Boom sprayer rate

300ml per ha

Area covered

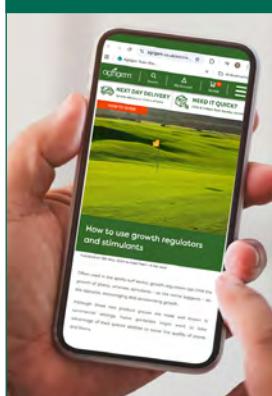
Up to 3.3ha



1L

Sven is a pyrethroid insecticide which can be used across a broad range of crops including ornamentals. Sven controls insects by contact and ingestion, it will also offer a degree of protection to new insects not present at time of application.

HOW TO GUIDE HOW TO USE GROWTH REGULATORS AND STIMULANTS



agrigel.co.uk/advice-centre/how-to-guides/lawn-amenity-turf/growth-regulators-and-stimulants/



Biopesticides

Biological pest control is becoming a popular alternative to synthetic insecticides in the fight against insect pests. Not only are they environmentally safer, they are incredibly effective and there is no build up of resistance. Our range of biopesticides relies on a natural enemy to control the pest.

FRUIT & VEG PROTECTION

Active ingredient
Various nematode species

Application method
Knapsack, Watering Can

Area covered
Up to 120m²



Our Biological Fruit and Veg Protection will help control many fruit and vegetable pests in just one product. It contains a mix of species of nematodes including *Steinernema feltiae* and *Steinernema carpocapsae* which are naturally occurring microscopic worm-like organisms that act as natural pest controls.

SCIARID FLY CONTROL

Active ingredient
Steinernema feltiae

Application method
Knapsack, Watering Can

Area covered
Up to 250m²



Sciarid flies (also known as fungus gnats or fungus flies) damage plants by transferring fungal diseases from diseased to healthy plants. The larvae also cause damage by feeding on the roots, root hairs, rootlets, and tender root, stem and leaf tissue. Later instars may even feed on plant stems.

CATERPILLAR CONTROL

Active ingredient
Steinernema sp.

Application method
Knapsack, Watering Can

Area covered
Up to 500m²



Caterpillars grow from the eggs of butterflies and moths and can cause real damage to garden plants and crops. Brassicas, nasturtiums, and cauliflowers are loved by cabbage white caterpillars, but many other caterpillar species have an equally enormous feeding capacity, often skeletonising the leaves of vegetable plants, trees and ornamentals overnight.

LEATHERJACKET CONTROL

Active ingredient
Nematodes: *Steinernema feltiae*

Application method
Knapsack, Watering Can

Area covered
Up to 500m²



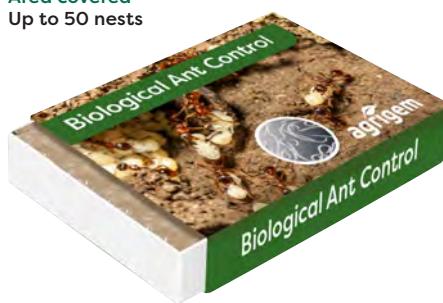
Leatherjackets are the larvae of crane flies (also known as daddy long-legs) and are a common lawn pest. There are more than 350 species of crane fly in the UK, but the ones most likely to be in your garden belong to a group called *Tipula*, or 'true crane flies'.

ANT CONTROL

Active ingredient
Nematodes: *Steinernema feltiae*

Application method
Knapsack, Watering Can

Area covered
Up to 50 nests



Ants can affect all areas of the garden, from lawns to compost, and from pot plants to pathways. They are very social and gather in large numbers often creating numerous ant hills in lawns and extensive nests under hard surfaces.

CHAFER GRUB CONTROL

Active ingredient
Nematodes: *Heterorhabditis bacteriophora*.

Application method
Knapsack, Watering Can

Area covered
Up to 500m²



Chafer grubs are the larvae of the chafer beetle - of which there are several different types. They feed on grass roots weakening the grass which can then be pulled up easily.

APHID CONTROL - LADYBIRD

Active ingredient

Ladybird Larvae: *Adalia bipunctata*

Application method

Sachet

Area covered

Up to 8m²



The most common species of aphids are black and green aphids, also known as blackfly and greenfly. They are usually around 4mm in length with a bulbous abdomen. Some may have wings and others are wingless.

WHITEFLY CONTROL

Active ingredient

Eretmocerus eremicus and *Encarsia formosa*

Application method

By hand

Area covered

Up to 300m²



Whiteflies are small, winged insects typically white or pale yellow in colour. The most common species in the UK is the greenhouse whitefly, and outdoors, the brassica whitefly.

APHID CONTROL - LACEWING

Active ingredient

Lacewing Larvae: *Chrysopa carnea*

Application method

Sachet

Area covered

Up to 1ha



The most common species of aphids are black and green aphids, also known as blackfly and greenfly. They are usually around 4mm in length with a bulbous abdomen. Some may have wings and others are wingless.

SPIDER MITE CONTROL

Active ingredient

Phytoseiulus persimilis or *Amblyseius andersoni*.

Application method

By hand

Area covered

Up to 500m²



Red Spider Mites are part of the arachnid family and are common in houseplants, crops under cover and outdoor plants in the warmer summer months. They feed on leaf cells starting from the underside of the leaves causing cell death and speckles on the leaves.

MEALY BUG CONTROL

Active ingredient

Cryptolaemus montrouzieri

Application method

By hand

Area covered

Up to 50m²



Mealybugs can damage plants by extracting sap, causing deformation and stunting or yellowing of leaves. This can impact yield, and many plants will lose flowers and fruit as a result of a mealybug infestation. They are usually only found on houseplants and greenhouse plants.

VINE WEEVIL CONTROL

Active ingredient

Nematodes: *Heterorhabditis bacteriophora*, *Steinernema kraussei*.

Application method

Knapsack, Watering Can

Area covered

Up to 500m²



Vine weevils are common but destructive members of the beetle family. Adult vine weevils are flightless and nocturnal, and feed on the leaves of plants during spring and summer, with grubs feeding on the roots of plants causing significant damage during autumn and winter.

SLUG CONTROL

Active ingredient

Nematodes: *Phasmarhabditis* sp.

Application method

Knapsack, Watering Can

Area covered

Up to 100m²



Anyone who has tried to grow leafy vegetables, herbs, shrubs, potatoes, or perennials like hostas will know the damage that slugs and snails can cause – both above and below the ground. From leaf shredding to complete plant annihilation, slugs can leave gardeners and growers in despair.

LEPINOX

Active ingredient

37.5% w/w
bacillus
thuringiensis var
kurstaki strain
EG2348

Knapsack
sprayer rate
7.5g per 10L
water covers
166m²

MAPP No.
16269

Boom sprayer
rate
1kg per ha
Area covered

Up to 1ha



Lepinox plus is a biological insecticide for the control of Lepidopteran pests (caterpillars) on a variety of fruit, vegetables, herbs, and field crops. Lepinox is a wettable powder that when the larvae ingest will cease feeding.

NATURALIS BIO INSECTICIDE

Bioinsecticide containing a natural fungus

Active ingredient
7.160 % w/w beauveria
bassiana ATCC-74040

Knapsack
sprayer rate
0.3% v - 3L/1000L
water

Boom sprayer rate
150ml per 10L water

MAPP No.
17526

Area covered
Depends on crop
and rate



Naturalis-L is a bioinsecticide containing a natural fungus (based on the entomopathogenic fungus Beauveria bassiana-strain ATC 74040) and can be used on all protected crops including edible and non-edible crops. Naturalis-L controls whitefly and thrips without leaving a chemical residue.

TAEGRO

Organic approved fungicide.

Knapsack
sprayer rate
0.7kg per ha

MAPP No.
19204

Its wettable powder formulation contains 130g/kg of *Bacillus amyloliquefaciens* strain FZB24, with a minimum of 1x10¹³ cfu/kg (13%w/w).



Taegro is a highly effective, organic-approved fungicide that uses the power of microorganisms to suppress diseases on various crops, including ornamental crops, fruit trees, grapevines, and other edible crops grown both outdoors and under temporary/permanent protection.

STICKY TRAP ROLLS

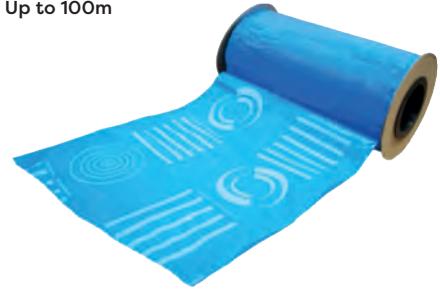
Active ingredient
Adhesive

Application method

By hand

Area covered

Up to 100m



Sticky rolls are a great way to trap insect pests economically - without the use of chemicals. The rolls remain active for up to six months and are coated with a powerful adhesive on both sides. Use these rolls throughout the growing season whenever pests are present.

Partnering with nature to deliver natural solutions to plant health

Using natural predators, pathogens, parasitoids or microbial insecticides to manage pests helps to maintain ecosystems where chemical use might not be appropriate. At Agrigem, we partner with leading biological controls experts delivering a range of biocontrol products to help target pest species and tree diseases.

Plant Health



Plant Growth Regulators

BONZI®

Ornamental growth regulator

Active ingredient
4g/L paclobutrazol

Knapsack sprayer rate
3-250ml per 10L of water

MAPP No. 17576

Boom sprayer rate
Crop dependent

Area covered
Crop dependent



Bonzi is a growth regulator for slowing the growth of protected container and pot grown ornamentals. Apply Bonzi to reduce plant elongation and to ensure plants are kept uniformed and compact. Bonzi also maintains plant-to-pot size ratio to create deeper green foliage.

B-NINE

Plant growth regulator

Active ingredient
85% daminozide

Knapsack sprayer rate
5g per 10L water

MAPP No. 19611

Boom sprayer rate
5kg per ha

Area covered
Up to 2,000m²



A plant growth regulator for protected ornamental plant production, resulting in compact and robust plants more able to withstand stress. B-Nine is a water soluble granule.

CERONE

Plant growth regulator.

Active ingredient
480g/L ethephon

Knapsack sprayer rate
7.5ml per 1L water

MAPP No. 20711

Boom sprayer rate
1L per ha

Area covered
Up to 10ha



Cerone is a plant growth regulator suitable for use in a range of crops including winter and spring varieties of barley and winter varieties of wheat, triticale and rye. As well as this, Cerone also has an Extension of Authorisation for Minor Use (EAMU) in apple trees, protected tomato plants and ornamental plant production.

MODDUS®

For use on crops and plants

Active ingredient
250g/L trinexapac-ethyl

Knapsack sprayer rate
20-40ml per 10L water

MAPP No. 15151

Boom sprayer rate
Up to 800ml per ha

Area covered
Up to 1.25ha
depends on crop



Moddus is used for controlling the height of crops and plants, such as wheat, barley, oats and ryegrass seed crops. Moddus also has an EAMU in ornamental plant production and forest nursery. It aids the crop to grow consistently across the field reducing the chance of areas growing excessive lush top growth.

PRIMO MAXX® II

Turf and amenity grass growth regulator

Active ingredient
116.4g/L trinexapac-ethyl

Knapsack sprayer rate
Up to 65ml per 10L of water

MAPP No. 17509

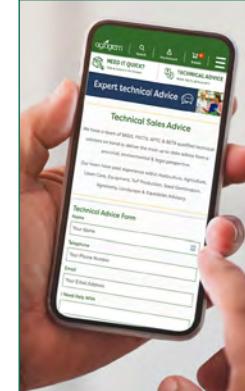
Boom sprayer rate
Up to 3.2L per ha

Area covered
Up to 3ha



Primo Maxx II is used in amenity turf areas such as parks, golf course fairways, tees and greens, sports fields, cemeteries and turf farms. It works by restricting the growth of the grass which in turn reduces the frequency of mowing which can be especially useful in difficult areas such as sloping banks.

NEED HELP? GET IN TOUCH!



Our product range is underpinned by outstanding FREE technical advice from qualified agronomists

Talk to us today.



agrigen.co.uk/advice-centre

Turf Hardeners and Moss Control

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 98

Moss in grass reduces visual appearance and the vital nutrients needed in order to stay healthy. When controlling moss you can use either spreadable granules or a sprayable liquid depending on preference. Moss can be treated at any time of the year providing it is actively growing.

EASY FLOW

Soluble iron sulphate

Analysis breakdown
20% ferrous sulphate

Knapsack sprayer rate
200-500g per 10L

Boom sprayer rate
10-25kg in 500L per ha

Area covered
Up to 2.5ha



Easy Flow Soluble Iron Sulphate has the moisture removed prior to packaging meaning it is far less likely to compact than other products.

Shelf life of up to two years when stored correctly.

FERRO-GEM®

Liquid sulphate of iron

Analysis breakdown
6% iron (from 17% ferrous sulphate)

Knapsack sprayer rate
400-1,200ml per 10L

Boom sprayer rate
40-80L per ha

Area covered
Up to 1ha



Ferro-Gem is a 6% straight iron which is used to harden up grass. Apply with a fine nozzle by knapsack or boom sprayer to ensure there is good coverage. Use 600-800L of water per hectare to help improve coverage of thicker swards of grass. This product can be very useful for inhibiting moss.

HIGH-FE

4-0-4+9Fe

Analysis breakdown

4% nitrogen
0% phosphate
4% potassium
9% iron

Spreading rate
35-70g per m²

Area covered
Up to 570m²



4-0-4+9Fe is ideal for Autumn and Winter use for any grass area from sports fields to fine lawns but can be used all year round if you require a lower nitrogen mix. This is a quality, fast acting spreadable compound fertiliser with 1-2.5mm uniform granules.

LAWN SAND

3-0-0+7Fe

Analysis breakdown
3-0-0+7Fe

Spreading rate
68g per m²

Area covered
Up to 367m²



This Lawn Sand is formulated for use on lawns and amenity grass to promote healthy grass growth to in-turn aid its defence against competing weeds and moss. The presence of iron in this lawn sand will harden the grass alongside blackening any moss if present.

LAWN SAND

3.5N+3.6Fe

Analysis breakdown
3.5% nitrogen
+ 3.6% ferrous sulphate

Spreading rate
68g per m²

Area covered
Up to 367m²



For years, Lawn Sand has been the standard control of moss in grass. As well as being safe and easy to use, this product is also very cost effective. Lawn Sand can be used at any time from February-November providing it is free from frost and drought.

MAXICROP® NO.2

Moss killer and green up

Analysis breakdown
6% ferrous sulphate
+ 2% nitrogen

Knapsack sprayer rate
3L per 10L of water

MAPP No. 18514

Boom sprayer rate
150L per ha

Area covered
Up to 666m²



Maxicrop lawn tonic is a fast acting moss killer which will blacken moss within hours. This exclusive formulation with seaweed extract also encourages grass growth, improving the rooting and colour of the lawn.

MOSSTOP

Suitable for any grass type

Analysis breakdown
6% nitrogen
5% phosphate
10% potassium
6% iron

Application rate
40-50g per m²

Area covered
Up to 500m²



MossTop is a mini-granule fertiliser suitable for any grass type. Its high iron content helps discourage moss and harden the grass. It suits well as either a spring or autumn fertiliser which offers increased flexibility to users.

NITRO-FE

High nitrogen and iron feed

Analysis breakdown
20% nitrogen
6% ferrous sulphate

Knapsack sprayer rate
60ml per litre of water

Boom sprayer rate
10-20L per ha

Area covered
Up to 200ha



20L 1000L

Nitro-Fe is a unique stabilised nitrogen and iron complex which provides a quick green-up of grass without over stimulation of growth. The high nitrogen content aids photosynthesis and ultimately leads to greener, healthier looking plants and grass.

NITRO-GEM®

Liquid lawn tonic

Analysis breakdown
6% iron
17% ferrous sulphate
2% nitrogen

Knapsack sprayer rate
2L per 10L of water

Boom sprayer rate
150L per ha

Area covered
Up to 660m²



10L

Nitro Gem Lawn Tonic is a fast acting greening agent which helps the grass recover from stress and promote lush growth. This specific formulation of seaweed extract has also been known to inhibit moss in grass. Simply mix with water in a watering can or sprayer and then treat the desired area.

NUTRIGROW FEED, WEED AND MOSS KILLER

Active ingredients

10% nitrogen
2% phosphate
2% potassium
8% iron sulphate
+ dicamba and
mecoprop-p

Application rate
32g per m²

MAPP No.
19669

Area covered
Up to 625m²

- Suitable for use on lawns and sports turf.
- 4 in 1 easy application – greens grass, kills a range of weeds, kills moss in your lawn and fertilises the grass.
- Offers effective control over common weeds such as daisy, plantain, dandelion and clover.
- Contains ferrous sulphate to kill moss quickly and fertilise the grass.
- Mini-granule formulation (1.0-2.5mm).
- Can be used all year round.

Compound fertiliser with Iron. Ideal for use in lawns. Four in one; it will make lawns greener, kill a range of weeds, remove moss and fertilise the grass for a thicker and healthier looking lawn. Can be used between May and August when grass, moss and weeds are actively growing, and soil is moist.

5kg tub 20kg



PREMIER

Soluble iron sulphate

Analysis breakdown
19.9% ferrous sulphate

Knapsack sprayer rate
200-500g per 10L

Boom sprayer rate
10-25kg in 500L per ha

Area covered
Up to 2.2ha



25kg

Premier Soluble Iron Sulphate is a food grade iron sulphate that is more soluble than other products and leaves zero sediment.

Shelf life of up to two years when stored correctly.

RENOVATOR PRO

14-0-5+Fe+MCPA+ Mecoprop-P

Active ingredients

14% nitrogen
0% phosphorus
5% potassium
6% iron
+ MCPA
+ mecoprop-P

Spreading rate
35g per m²

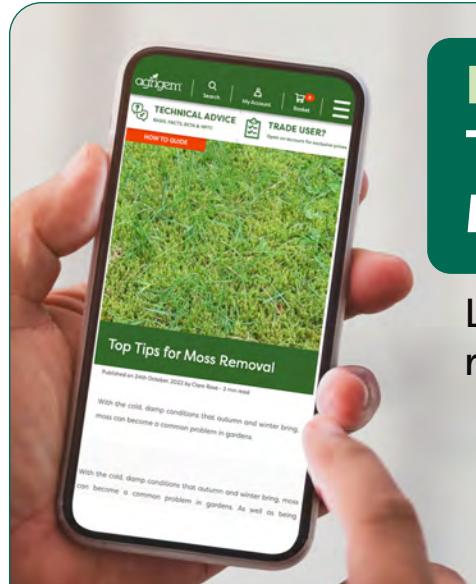
MAPP No.
16803

Area covered
Up to 714m²



25kg

Renovator Pro is a mini-granular fertiliser that contains selective herbicide for the control of many broadleaved weeds including white clover, dandelions and creeping buttercup. It also controls moss in grass. It is ideal for use in spring and summer and has a longevity of six weeks.



HOW TO GUIDE TOP TIPS FOR MOSS REMOVAL

Learn more about moss removal in our guide



agrigen.co.uk/advice-centre/how-to-guides/lawn-amenity-turf/top-tips-for-moss-removal

Fertilisers



FERTILISER
BREAKDOWN
TABLE FOR ALL
IN THIS SECTION
ON PAGE 88

Granular Fertiliser

▶ SEE THE COMPARISON TABLE FOR ALL
PRODUCTS IN THIS SECTION ON PAGE 100

NO-NITROGEN

0-24-24

Analysis breakdown
0% nitrogen
24% phosphate
24% potassium

Spreading rate
15-25g per m²

Area covered
Up to 0.5 acre



0-24-24 is a quality P and K fertiliser which has been the standard treatment for correcting phosphate and potassium deficiencies. It contains no nitrogen which can be important in Nitrate Vulnerable Zones (NVZ's), or on horse paddocks where there is a risk of laminitis if there is a lush top growth.

AUTUMN LAWN

3-12-12 Blend

Analysis breakdown
3% nitrogen
12% phosphate
12% potassium

Spreading rate
35-70g per m²

Area covered
Up to 600m²



3-12-12 is ideal for autumn and winter use for any grass area. From sports fields to fine lawns, this quality fast acting spreadable fertiliser offers great value for money. Having a lush and healthy lawn enables it to withstand many issues such as weeds, moss, disease and drought.

AUTUMN TURF

3-12-12 Compound

Analysis breakdown
3% nitrogen
12% phosphate
12% potassium

Spreading rate
35-70g per m²

Area covered
Up to 600m²



Nutrigrow Pro Autumn Turf 3-12-12 is ideal for use in the autumn and winter on any grass area such as sports turf and pitches. This is a quality, fast acting spreadable compound fertiliser with 2.5-4.5mm uniform granules.

BONEMEAL

Ideal for young plants/trees just getting established.

Analysis breakdown
3.5% nitrogen
18.5% phosphate

Spreading rate
70-140g per m²

Area covered
Up to 360m²



This Thomas Elliott Bonemeal is an organic fertiliser ideal for plant nutrition without explosive, rapid growth. Bonemeal contains a natural source of phosphate which is vital for young plants and is slow-released.

HIGH-FE

4-0-4+9Fe

Analysis breakdown
4% nitrogen
0% phosphate
4% potassium
9% iron

Spreading rate
35-70g per m²

Area covered
Up to 570m²



4-0-4+9Fe is ideal for Autumn and Winter use for any grass area from sports fields to fine lawns. This is a quality, fast acting spreadable compound fertiliser with 1-2.5mm uniform granules. While it is commonly used during the cooler periods, it can be used all year round if you require a lower nitrogen mix.

AUTUMN/WINTER 4-12-12

Ideal for use as a grass feed

Analysis breakdown
4% nitrogen
12% phosphate
12% potassium

Spreading rate
35-70g per m²

Area covered
Up to 750m²



The 4-12-12 ICL Sportmaster fertiliser is a well-balanced NPK formula ideal for strengthening lawns and turf. It has a mini-granular formulation which offers even spreading and a rapid breakdown for an immediate and consistent response.

HIGH-K

5-3-20+1Fe

Analysis breakdown
5% nitrogen
3% phosphate
20% potassium
1% iron

Spreading rate
20-50g per m²

Area covered
Up to 1,000m²



20kg

High K is a quality fertiliser which is ideal for areas requiring a large amount of potassium (K). It also benefits from a low amount of nitrogen, magnesium and iron. Although this product is mainly used in paddocks and pasture, it is also suitable for lawns, sports turf and amenity areas, this is due to its compound mini-granule formulation.

MOSSTOP

6-5-10+6Fe

Analysis breakdown
6% nitrogen
5% phosphate
10% potassium
6% iron

Spreading rate
40-50g per m²

Area covered
Up to 500m²



20kg

MossTop is a mini-granular fertiliser suitable for any grass type. Its high content of iron helps reduce the amount of moss and will also harden the grass. It suits well as either a spring or autumn fertiliser which offers increased flexibility to users.

BLOOD FISH & BONE

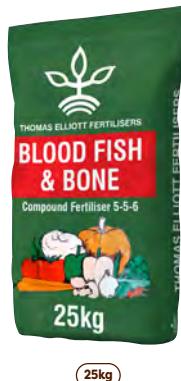
Provides major nutrients needed for strong and healthy growth.

Analysis breakdown

5% nitrogen
5% phosphate
6.5% potassium

Spreading rate
70-140g per m²

Area covered
Up to 360m²



25kg

Blood Fish & Bone is an organic-based general purpose plant food which provides the major nutrients required for strong healthy growth. This granular fertiliser contains three active ingredients- nitrogen, phosphate and potassium.

ROSE

5-5-10

Analysis breakdown
5% nitrogen
5% phosphate
10% potassium

Spreading rate
35-50g per m²

Area covered
Up to 600m²



20kg

This fertiliser has been specifically formulated to deliver the nutrients which rose plants require in order to grow and stay healthy. It has a high level of potassium which is vital for the formation of chlorophyll and the production of a large number of blooms. The lower level of nitrogen prevents the foliage overtaking the bloom.

PHOS-MAG

8-19-10+5Mg

Analysis breakdown
8% nitrogen
19% phosphate
10% potassium
5% magnesium

Spreading rate
50g per m²

Area covered
Up to 400m²



20kg

Tree and shrub fertiliser is a quality mix of NPK specifically designed to promote growth on trees, hedges and woody perennial plants. This is a mini-granular compound fertiliser which offers an excellent spreading pattern which will release the fertiliser over a six week period.

SPRING/SUMMER

9-7-7 Blend

Analysis breakdown

9% nitrogen
7% phosphate
7% potassium

Spreading rate
35-70g per m²

Area covered
Up to 570m²



20kg

Nutrigrow 9-7-7 Spring and Summer fertiliser is the perfect choice when treating any grass area in the warmer months. This quality, fast-acting spreadable blend fertiliser with 2-5mm granules is designed for the home and garden and amenity markets.

SPRING/SUMMER

9-7-7 Compound

Analysis breakdown

9% nitrogen
7% phosphate
7% potassium

Spreading rate
35-70g per m²

Area covered
Up to 570m²



20kg

Nutrigrow Pro 9-7-7 Spring / Summer fertiliser is the perfect choice when treating any grass area (from sports fields to fine lawns) in the warmer months. This quality, fast acting spreadable compound fertiliser with 2-3mm granules offers an excellent spreading pattern.

SPRING & SUMMER

Ideal for treating grass during the spring and summer

Analysis breakdown

9% nitrogen
7% phosphate
7% potassium

Spreading rate
35-70g per m²

Area covered
Up to 750m²



The 9-7-7 ICL Sportmaster fertiliser is ideal for treating grass throughout spring and summer. 9-7-7 Sportmaster is suitable for treating any grassed area from sports fields to fine lawns. A fast acting compound fertiliser, 9-7-7 Sportmaster will help you gain a healthy, lush and vigorous lawn.

NUTRIGROW FEED, WEED & MOSS KILLER

Active ingredients

10% nitrogen
2% phosphate
2% potassium
8% iron sulphate
+ dicamba and mecoprop-p

Application rate
32g per m²

MAPP No.

19669

Area covered
Up to 625m²



20kg

Compound Fertiliser with Iron. Ideal for use in lawns. Four-in-one; it will make lawns greener, kill a range of weeds, remove moss and fertilise the grass for a thicker and healthier looking lawn. Can be used between May and August when grass, moss and weeds are actively growing, and soil is moist.

SPRING-RISE

10-4-4+Te

Analysis breakdown

10% nitrogen
4% phosphate
4% potassium
4% magnesium
3% iron
8% calcium

Spreading rate
35-70g per m²

Area covered
Up to 570m²



20kg

Spring-Rise contains 10-4-4 plus various trace elements. It is a quality fertiliser which is ideal for treating sports and amenity areas such as football pitches and formal lawns. This product is ideal for general maintenance or to feed grass which may be stressed.

HIGH-PHOSPHATE

10-15-10

Analysis breakdown

10% nitrogen
15% phosphate
10% potassium

Spreading rate
20-50g per m²

Area covered
Up to 1,000m²



20kg

This product is widely used in paddocks and pasture as a corrective treatment for phosphate deficiencies, or used at lower rates as a general feed which will slowly release the fertiliser over a six week period. The low amount of nitrogen and potassium make it a popular choice as a general feed.

NO-PHOSPHATE

12-0-9+0.5Fe

Analysis breakdown

12% nitrogen
0% phosphate
9% potassium
0.5% iron

Spreading rate
35-50g per m²

Area covered
Up to 1,000m²



20kg

This product is a mini-granule fertiliser ideal for sports turf such as tees, fairways, amenity areas and sports fields (mown above 6mm) to maintain performance throughout the year. It ensures even growth, quality and colour over the whole area.

RENOVATOR PRO

14-0-5+Fe+MCPCA+Mecoprop-P

Active ingredients

14% nitrogen
0% phosphorus
5% potassium
6% iron + MCPCA
Mecoprop-P

Spreading rate
35g per m²

MAPP No.

16803

Area covered
Up to 714m²



25kg

Renovator Pro is a mini-granule fertiliser that contains selective herbicide for the control of many broadleaved weeds including white clover, dandelions and creeping buttercup. It also controls moss in grass. It is ideal for use in Spring and Summer and has a longevity of six weeks.

CLEANRUN PRO

Weed and feed - without moss killer

Active ingredients

14% nitrogen
5% potassium
+ MCPA + mecoprop-P

Spreading rate
35g per m²

MAPP No.
15828

Area covered
Up to 714m²



25kg

From the popular range, ICL, Cleanrun Pro is an effective weed and feed for lawn and turf. This mini-granular fertiliser contains a powerful selective herbicide for the control of common broadleaved weeds such as daisy and dandelion. Cleanrun Pro is ideally applied during spring and summer when the weeds are actively growing.

TRIPLE-16

16-16-16

Analysis breakdown

16% nitrogen
16% phosphate
16% potassium

Spreading rate
15-25g per m²

Area covered
Up to 0.5 acre



20kg

16-16-16 offers a balanced feed to be used as a standard treatment for grazed areas or grass used to make hay. It is possibly the most flexible blend of fertiliser which we offer as it delivers the same amount of N, P and K. This can be particularly useful if you are on ground which is slightly deficient in phosphate or potassium.

PHASED RELEASE

18-3.5-8+Te

Analysis breakdown

18% nitrogen
3.5% phosphate
8% potassium
1% magnesium

Spreading rate
50g per m²

Area covered
Up to 400m²



20kg

Phased Release is ideal for areas such as lawns and sports pitches which require the feed to be slowly released over a 12 week period. Slow release fertilisers help avoid any sudden growth and also reduce the risk of scorch to the grass. This is a mini-granular compound fertiliser which offers an excellent spreading pattern.



NUTRI-CRF

20-0-15+2Mg

Analysis breakdown

20% nitrogen
0% phosphorous
15% potassium
2% magnesium

Spreading rate
25-50g per m²

Area covered
Up to 1,000m²



Nutrigrow CRF is a controlled release fertiliser that has been specifically designed for sports turf with its 60% polymer coated urea, 2% MgO, and NPK content of 20-0-15. We are thrilled to supply this to sports organisations across the country, along with free advice and treatment plans.

PROLONG® 20-4-20

20-4-20+Te

Analysis breakdown

20% nitrogen
4% phosphate
20% potassium

Spreading rate
50g per m²

Area covered
Up to 400m²



ProloNg 20-4-20+Te is a quality NPK fertiliser which will slowly release over a 4-6 month period. Allowing the plant to draw on available nitrogen over a longer period of time is far more efficient and reduces the amount of nitrogen lost to the atmosphere.

PADDOCK 20-10-10

20-10-10

Analysis breakdown

20% nitrogen
10% phosphate
10% potassium

Spreading rate
15-25g per m²

Area covered
Up to 0.5 acre



20-10-10 is a quality NPK fertiliser which has been the standard treatment for Paddocks or pasture for many years. This product is ideal for general maintenance or to feed grass for intensive hay production and grazing.

PROLONG® 46-0-0

Slow release nitrogen

Analysis breakdown

46% nitrogen

Spreading rate
50g per m²

Area covered
Up to 400m²



ProloNg is a slow release straight nitrogen which will release for 12 months. Allowing the plant to draw on available nitrogen over several months is far more efficient and it will also reduce the sudden surge of top growth usually associated with high nitrogen products.

KIESERITE

A key nutrient that helps plants makes proteins for growth.

Analysis breakdown

25% magnesium
50% SO₃

Spreading rate
35-70g per m²
depending on requirements

Area covered
Up to 830m²

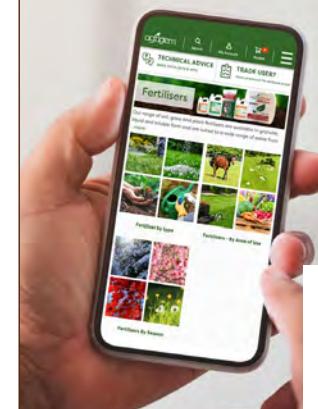


Kieserite is an ideal solution to magnesium deficiencies in your fields, gardens and lawns.

Kieserite quickly releases the magnesium within 4 - 6 weeks.

MORE ONLINE

Search by type,
area of use or season



agrigem.co.uk/fertilisers

Fertilisers



Bulk Bag Fertiliser

We offer a number of fertiliser analyses in 600kg and 1,000kg bags. These can be distributed as individuals or as full lorry loads.

Buying fertiliser in a bulk bag can work out to be a more economical way of buying fertiliser, from a cost and environmental perspective.

E-MAX TURF FERTILISER

Analysis breakdown

20% nitrogen, 0% phosphate, 15% potassium, 2.9% calcium, 1.2% magnesium

Spreading rate

150-250kg per ha depending on requirements

Area covered

Up to 8ha

E-MAX is a controlled release fertiliser that has been specifically designed for turf production with its polymer coating and NPK content of 20-0-15 + Ca + Mg. We are thrilled to supply this to turf growers across the country, along with free advice and treatment plans.

E-MAX has been formulated to release nutrients for 3-4 months, based on an average temperature of 20°C. We have seen a significant longer release period during the cooler months, which has led to growers reaping rewards the following Spring. Having applied E-MAX (at 125kg/ha) with a FACTS Qualified Advisors (FQA) derogation in

November, a turf grower reported that he "would have run out of turf to lift in the spring if I hadn't used EMAX."

You can see that there were plenty of growing days over the winter months where the turf needed nutrition, and the EMAX released a little on those days which kept the turf healthier and in better condition.



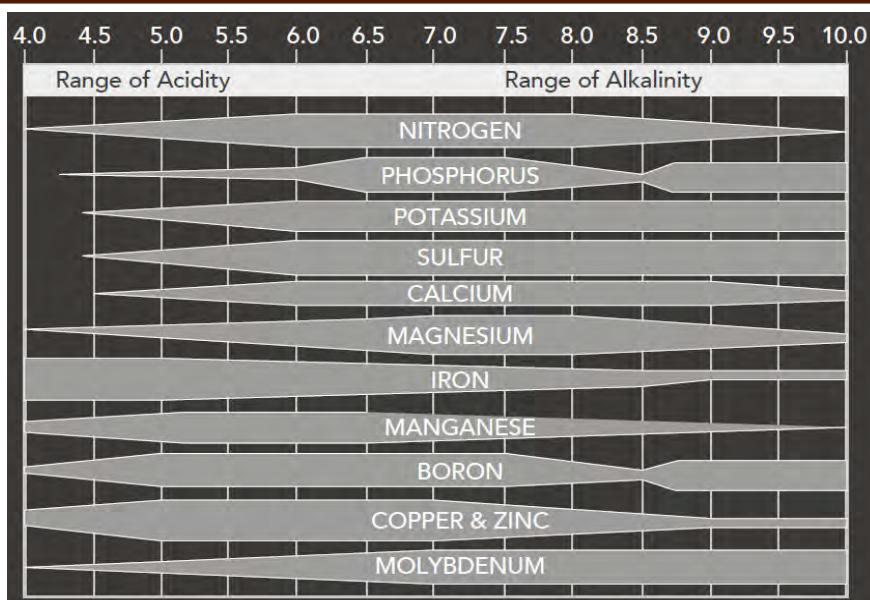
*photo taken in February

1Ton

pH ADJUSTMENT

Getting the correct pH is crucial and depends on many factors including your crop and the soil type. Having a soil pH which is too low or high can lock up other vital nutrients and cause deficiencies within the plant. pH can also help deter certain weeds, diseases and insects so where possible should be incorporated into your control program.

Over time a soil pH can change, and due to less industry, there are now no natural sources of pH reduction. Granulated sulphur is used to reduce soil pH while granulated lime is used to raise soil pH.



HIGH P & K 0-24-24

A quality P&K fertiliser ideal for correcting phosphate and potassium deficiencies in paddocks, pasture, amenity turf, sports turf and trees and ornamentals.

Analysis breakdown

0% nitrogen
24% phosphate
24% potassium

Spreading rate

60-100kg per acre is
15-25g per m²

Area covered

Up to 3ha

This product does not contain any nitrogen which can be beneficial in areas where a minimal amount of top growth is required. The lack of nitrogen can also be especially important in Nitrate Vulnerable Zones (NVZ's), or on horse paddocks where there is a risk of laminitis.



TRIPLE-16

16-16-16 (or Triple 16) is a quality NPK fertiliser which offers a balanced feed.

Analysis breakdown

16% nitrogen
16% phosphate
16% potassium

Spreading rate

60-100kg per acre is
15-25g per m²

Area covered

Up to 3ha

Triple 16 can be used as a standard treatment for feeding grass which will be grazed or used to make hay. It is one of the most flexible blends of fertiliser we offer as it delivers the same amount of nitrogen, phosphate and potassium.



PADDOCK 20-10-10

20-10-10 is a quality NPK fertiliser which has been the standard treatment for paddocks or pasture for many years.

Analysis breakdown

20% nitrogen
10% phosphate
10% potassium

Spreading rate

60-100kg per acre is
15-25g per m²

Area covered

Up to 3ha

This product is ideal for general maintenance or to feed grass for intensive hay production and grazing. The application rate will depend on how many times you will apply the product and also what the grass is going to be used for.



ELEMENTAL SULPHUR

Elemental sulphur

Analysis breakdown

90% sulphur
10% bentonite clay

Spreading rate

500-4,000kg per ha

Area covered

1.2ha

A granular product containing 90% elemental sulphur and 10% bentonite clay. It can be used at low rates to deliver sulphur to the crop or at higher rates to correct the soil pH. It breaks down and washes into the soil quite rapidly, but requires warm soils to become usable to the plant.



GRANULATED LIME

Spreadable lime

Analysis breakdown

97% CaCO³

Spreading rate

100-350kg per ha

Area covered

Depends on rate

Granulated Lime can be applied using a standard fertiliser spreader at a time convenient to the grower. This eliminates the use of outside contractors and makes spreading less dependant on prevailing weather conditions. It also has considerable cost savings as the volume of lime required is far less.



Fertilisers



Turf managers and grounds teams can expect excellent results with professional-grade Nutrigrow Pro – a range of specialist multi-nutrient compound fertilisers, pre-seeders, hardeners, and turf tonics – all designed with the needs of professional sports grounds in mind.

The new Nutrigrow Pro range is packed with different target trace elements to aid sports turf. Formulated as mini granules, these innovative new products have versatile application rates and deliver a rapid and even turf response with controlled delivery and sustained growth.

AUTUMN PRO

3-0-12+6CaO+2MgO+8Fe

Analysis breakdown
3% nitrogen
0% phosphate
12% potassium

Spreading rate
20-35g per m²

Area covered
Up to 800m²



Nutrigrow Pro Autumn Pro
3-0-12+6CaO+2MgO+8Fe is a high-potassium fertiliser designed for optimal plant health during the autumn season. Combines iron, calcium and magnesium with a unique formulation of seaweed and biological catalysts, delivering enhanced bio-stimulation and nutrient absorption.

K-MAG PRO

5-5-15

Analysis breakdown
5% nitrogen
5% phosphate
15% potassium

Spreading rate
15-35g per m²

Area covered
Up to 1,330m²



A long lasting NPK fertiliser with the analysis 5-5-15 plus 4 Ca, 2 Mg and 20 S with amino acids and micro-nutrients.

PRE SEEDER PRO

8-12-8+12CaO+3MgO+0.35Zn

Analysis breakdown
8% nitrogen
12% phosphate
8% potassium

Spreading rate
25-45g per m²

Area covered
Up to 571m²



Nutrigrow Pro Pre Seeder Pro is a pre-seeding fertiliser formulated with the traditional 1:1.5:1 nutrient ratio and enhanced with magnesium, zinc, an organic base, and seaweed for superior turf establishment. With the granule size of 1-3mm, this fertiliser ensures precise application and effective nutrient delivery.

TURF TONIC PRO

9-0-0+11Fe

Analysis breakdown
9% nitrogen
0% phosphate
0% potassium

Spreading rate
25-30g per m²

Area covered
Up to 800m²



Nutrigrow Pro Turf Tonic Pro is a high-performance fertiliser specifically designed to enhance turf health and appearance. With a 9-0-0 formulation with 11% iron, this product promotes improved photosynthesis and hardens turf for greater resilience, precise control over nutrient inputs.

STARTER PRO

10-20-5+2CaO+0.1Cu+0.1Mn+0.3Zn with amino acids

Analysis breakdown
10% nitrogen
20% phosphate
5% potassium

Spreading rate
30-35g per m²

Area covered
Up to 670m²



Fertiliser with amino acids. NPK fertiliser with phosphate rock (Ca-S) 10-20-5 with micronutrients.

N-BOOST PRO

15-5-5+4CaO+2Mg+15S with amino acids

Analysis breakdown
15% nitrogen
5% phosphate
5% potassium

Spreading rate
15-35g per m²

Area covered
Up to 1,330m²



A long lasting NPK fertiliser with the analysis 15-5-5 plus 4 Ca, 2 Mg and 15 S with amino acids and micro-nutrients.

TURF HARDENER PRO

3-0-3+15CaO+2.5MgO+4Fe

Analysis breakdown

3% nitrogen
0% phosphate
3% potassium

Spreading rate
25-70g per m²

Area covered
Up to 800m²



Nutrigrow Pro Turf Hardener Pro

3-0-3+15CaO+2.5MgO+4Fe is an all-season fertiliser designed to strengthen turf and enhance disease resistance. This low-analysis feed features added iron to deliver rapid green-up effect without encouraging excessive top growth.

NEW Soluble Iron Sulphate

For enhanced colour,
stronger turf, and
effective moss control



Easy Flow Soluble Iron Sulphate

20% ferrous sulphate

Easy Flow Soluble Iron Sulphate has the moisture removed prior to packaging meaning it is far less likely to compact than other products.

Shelf life of up to two years when stored correctly.



IRON SULPHATE

Premier Soluble Iron Sulphate

19.9% ferrous sulphate

Premier Soluble Iron Sulphate is a food grade iron sulphate that is more soluble than other products and leaves zero sediment.



Shelf life of up to two years when stored correctly.

Get in touch with our technical team for more information:

Tel: 01522 246491 or email: sales@agrigem.co.uk

Fertilisers

Soluble Fertilisers

▶ SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 101

FERTILISER BREAKDOWN TABLE FOR ALL IN THIS SECTION ON PAGE 102

Soluble fertilisers are made up of powders or granules which are soluble in water and applied via a sprayer or fertigation system. There are various types of products available depending on requirements. Some are washed into the soil, whereas others are absorbed through the leaf direct into the plant.



LOW-N

Balanced nutrient complex

Analysis breakdown

7.5% nitrogen
12% phosphate
36% potassium
4.5% magnesium
10% sulphur boron

Knapsack sprayer rate
1-3kg per 10L of water

Boom sprayer rate
25-60kg per ha

Area covered
Up to 1ha

Low-N is a lower nitrogen based feed. It is high in Potassium and also provides a good amount of sulphur and boron. This is particularly useful in both root establishment and development of fruits or flowers.

MAGNESIUM NITRATE®

Contains important nutrients for plant growth

Analysis breakdown
11% nitrate
15.5% magnesium oxide

Knapsack sprayer rate
1-1.5kg per 10L of water

Boom sprayer rate
20-30kg per ha

Area covered
Up to 1.25ha



Nova Mag-N contains important nutrients for plant growth - nitrate nitrogen which is immediately available to the plants, and magnesium - the central part of the chlorophyll molecule playing a key role in photosynthesis.

OUTFIELD

Soluble grass complex

Analysis breakdown
12% nitrogen
8% phosphate
8% potassium
3.3% magnesium

Knapsack sprayer rate
1-3kg per 10L of water

Boom sprayer rate
25-60kg per ha

Area covered
Up to 1ha



Alongside 3 powerful macronutrients (nitrogen, phosphate potassium), Outfield also contains the micronutrient, magnesium which aids photosynthesis. This fertiliser is suitable for a wide range of crops including turf, ornamentals, sports pitches and grassland.

NOVA POTASSIUM NITRATE®

Ideal for crops with high Potassium demands

Analysis breakdown
13.5% nitrate
46% potassium oxide

Knapsack sprayer rate
1-1.5kg per 10L of water

Boom sprayer rate
20-30kg per ha

Area covered
Up to 1.25ha



Nova N-K provides an N:K balance of 13.5-0-46 which makes the product ideal for crops with high potassium demands. Nova N-K contains nitrogen in nitrate form which is easily assimilated by the plant.

REVIVE

Delivers rapid recovery

Analysis breakdown
15% nitrogen
5% phosphate
30% potassium
3% magnesium
5% SO3

Knapsack sprayer rate
1.2-2.5kg per 10L of water

Boom sprayer rate
25-50kg per ha

Area covered
Up to 1ha



Revive is a high potassium feed which also offers both sulphur and magnesium. This is particularly useful to treat stressed or sick looking crops including turf, fruit, ornamentals and grassland.

NOVA CALCIUM NITRATE®

Recommended for all crops and any fertigation system

Analysis breakdown
15.5% nitrate
26.5% calcium oxide

Knapsack sprayer rate
500g per 10L of water

Boom sprayer rate
10kg per ha

Area covered
Up to 2.5ha



Nova Calcium dissolves quickly and easily in water. The product contains mainly nitrogen in nitric form, which is immediately taken up by the plants. Calcium is important to improve the quality and the shelf-life of the final produce.

MAGNESIUM SULPHATE

Aid stress and combat deficiencies

Analysis breakdown
16% magnesium oxide
32% sulphur trioxide

Knapsack sprayer rate
500g per 10L of water

Boom sprayer rate
10-25kg per ha

Area covered
Up to 2.5ha



Bittersaltz is a soluble fertiliser that offers excellent nutritional benefits for plants and trees in a number of areas including lawns, paddocks, amenity turf, agricultural crops and sports turf. Bittersaltz is also very cost effective for a foliar fertiliser containing both magnesium and sulphur.

TRIPLE 18

Balanced nutrient complex

Analysis breakdown
18% nitrogen
18% phosphate
18% potassium
+ trace elements

Knapsack
sprayer rate
1-3kg per 10L of
water

Boom sprayer rate
25-60kg per ha

Area covered
Up to 1ha



Triple 18 is a brilliant way to load a plant with high levels of nutrients. As well as delivering equal amounts of NPK, it also delivers a good amount of trace elements. Can be used on all crops and is particularly useful on grass.

AMMONIUM SULPHATE

Promote healthy growth and deep green-up in plants

Analysis breakdown

21% nitrogen
24% sulphur

Knapsack
sprayer rate
1.25kg per 10L of water
to 500m²

Boom sprayer rate
25kg per ha in 200L of water

Area covered
Granular Application
715-1,000m²
Foliar Application 1ha



Ammonium sulphate is a water-soluble fertiliser that is perfect for promoting healthy growth and deep green-up in plants. With its high nitrogen content of 21%, this fertiliser is cost-effective and provides a quick release of nitrogen to encourage leafy growth.

UREA

46-0-0 soluble

Analysis breakdown

46% nitrogen

Knapsack
sprayer rate
0.5-3 kg per 10L of water

Boom sprayer rate
10-60kg per ha

Area covered
Up to 1ha



Soluble urea is often used for an instant perk up of the crop. Widely used in grass to generate immediate top growth it can be very useful when used in mixes with other nutritional products.

POTASSIUM SULPHATE

Nitrogen free fertiliser

Analysis breakdown
52.5% potassium
oxide
45% sulphur
trioxide

Knapsack
sprayer rate
0.7-1kg per 10L of water

Boom sprayer rate
14-20kg per ha

Area covered
Up to 1.8ha



With a high level of potassium and sulphur, Flecotec SOP is the ideal fertiliser for crops with high demand of these nutrients, fulfilling the plant's need and preventing possible deficiencies. Flecotec SOP is nitrogen free, which makes this product suitable to be used in matching the needs of many crops.

PREMIER

Soluble iron sulphate

Analysis breakdown
19.9% ferrous
sulphate

Knapsack
sprayer rate
200-500g per 10L

Boom sprayer rate
10-25kg in 500L per ha

Area covered
Up to 2.5ha



Premier Soluble Iron Sulphate is a food grade iron sulphate that is more soluble than other products and leaves zero sediment.

Shelf life of up to two years when stored correctly.

EASY FLOW

Soluble iron sulphate

Analysis breakdown
20% ferrous
sulphate

Knapsack
sprayer rate
200-500g per 10L

Boom sprayer rate
10-25kg in 500L per ha

Area covered
Up to 2.5ha



Easy Flow Soluble Iron Sulphate has the moisture removed prior to packaging meaning it is far less likely to compact than other products.

Shelf life of up to two years when stored correctly.

MYCORRHIZAL TRANSP planter

Spreading rate
1g/L of rootball

Area covered
1kg treats 333
2-3L Plants



Emerald Mycorrhizal Transplanter is an inoculant containing both endo (VAM) and ecto varieties, designed for nearly all containerised or root-balled trees and shrubs before transplanting.

MYCORRHIZAL WHIP DIP

Increases plant growth
in poor soils.

Active ingredients

9 species of endomycorrhizal fungi and 9 species of ectomycorrhizal fungi, together with beneficial soil bacteria and fungi, zeolite and trace elements

Usage rate

1 hydrogel sachet to 3-6L of water, 100g will treat 220 bare root trees and up to 2,000 seedlings.

Emerald Mycorrhizal Whip Dip is an inoculant, suitable for nearly all whips, bareroot trees, shrubs, seedlings, cuttings, and small containerised plants, including both endo- and ectomycorrhizal varieties. Easy to apply as a root dip just prior to planting.





Liquid Fertilisers

▶ SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 101

Liquid fertilisers are often preferred due to the ease of application and the ability to mix them with other products. Liquid fertilisers also deliver results very quickly.

MAXICROP® NO.2

Moss killer and green up

Analysis breakdown

2% nitrogen
6% ferrous sulphate

Knapsack sprayer rate
3L per 10L of water

MAPP No. 18514

Boom sprayer rate
150L per ha

Area covered
Up to 666m²



10L

Maxicrop Lawn Tonic is a fast acting moss killer which will blacken moss within hours. This exclusive formulation with seaweed extract also encourages grass growth, improving the rooting and colour of the lawn.

PHYTER

Phosphate growth stimulator

Analysis breakdown

0% nitrogen
28% phosphate
19% potassium

Knapsack sprayer rate
50-200ml per 10L of water

Boom sprayer rate
1-4L per ha

Area covered
Up to 5ha



5L

Phyter is a biostimulant applied to crops to increase vigour and relieve any stresses they may be under. Phyter works by increasing the plant's ability to absorb nutrients to help it thrive. Suitable for use on all crops, Phyter is based on phosphate (PO₄³⁻), a readily available version of phosphate which can be absorbed far quicker.

AUTUMN-GEM®

Sprayable autumn feed

Analysis breakdown

4% nitrogen
2% phosphate
16% potassium

Knapsack sprayer rate
500ml-1,000L per 20-40L of water

Boom sprayer rate
10L per ha

Area covered
Up to 1ha



10L

This product is a fully soluble foliar fertiliser which can be applied using a normal nozzle. It is useful on lawns in the autumn and winter, or on areas which are short of potassium.

CALMAX® TURF

Sprayable spring feed

Analysis breakdown

10% nitrogen
15% calcium
2% magnesium
+ trace elements

Knapsack sprayer rate
125-425ml per 10L of water

Boom sprayer rate
2.5-8.5L per ha

Area covered
Up to 4ha



5L

CalMax Turf is a multi-nutrient liquid formulation based on calcium nitrate, formulated for foliar application to a wide range of crop. CalMax Turf is a foliar applied calcium product. Using EBA technology, CalMax Turf is formulated with AXM, which acts as a "pump primer" to enable calcium to be actively transported into plant cells.

NITRO-SUL

Nitrogen and sulphur mix

Analysis breakdown

12% nitrogen
26% sulphur

Knapsack sprayer rate
500ml per 10L of water

Boom sprayer rate
5-10L per ha

Area covered
Up to 4ha



10L

20L

Nitro-Sul is ideal for situations where there is a sulphur deficiency in the plant. As sulphur is not very mobile in the plant, signs of deficiency are yellowing on fresh growth rather than on older growth. This product also contains some nitrogen which helps all of the sulphur to be used efficiently.

SPRING-GEM®

Sprayable spring feed

Analysis breakdown

14% nitrogen
3% phosphate
10% potassium

Knapsack sprayer rate
500ml-1L per 20-40L of water

Boom sprayer rate
10-20L per ha

Area covered
Up to 1ha



10L

This product is a fully soluble foliar fertiliser which can be applied using a normal nozzle. It is widely used on grass in the spring and summer to promote lush growth.

FERTI-GEM®

Liquid fertiliser for grass

Analysis breakdown

14% nitrogen
7% phosphate
7% potassium

Knapsack sprayer rate
Neat or 1L per 1L of water

Boom sprayer rate
20-150L per ha or
10-60L per acre

Area covered
Up to 500ha



10L 20L 100L

Ferti-gem is a balance formulation that offers all the vital nutrients which grass needs in order to become a healthy and lush plant. This product is ideal for general maintenance or to feed grass for intensive hay production and grazing.

SLOW-N

Slow release nitrogen

Analysis breakdown

28% nitrogen

Knapsack sprayer rate
1.3L per 10L of water

Boom sprayer rate
40-100L per ha

Area covered
Up to 4,000m²



5L 10L

The use of a slow release, highly loaded Nitrogen based fertiliser helps promote lush top growth without scorching the grass. It is widely used under various brand names on fine turf and sports pitches. Typically this will release over a 8-10 week period.

NUTRI-GEM®

15-15-15 Foliar fertiliser

Analysis breakdown

15% nitrogen
15% phosphate
15% potassium

Knapsack sprayer rate
5-7ml per 1ml of water

Boom sprayer rate
2-4L per ha

Area covered
Up to 3.5ha



5L 10L

A 15-15-15 NPK concentrated emulsion fertiliser, containing a unique package of organic plant growth stimulants and fully chelated trace elements. It is ideal as a stand alone fertiliser, and also offers a proven track record of superior stress relief and plant health promotion in plants, lawns vegetables, grassland, fruit, other crops.

NITRO-FE

High nitrogen and iron feed

Analysis breakdown

20% nitrogen
0% phosphate
0% potassium
6% ferrous sulphate

Knapsack sprayer rate
60ml per 10L of water

Boom sprayer rate
10-20L per ha

Area covered
Up to 200ha



20L 100L

Nitro-Fe is a unique stabilised Nitrogen and Iron complex which provides a quick green up of grass without over stimulation of growth. It is used as a rapid greening agent to improve lawn and turf colour prior to events without the risk of scorch.

FERRO-GEM®

Liquid sulphate of iron

Analysis breakdown

6% iron (from 17% ferrous sulphate)

Knapsack sprayer rate
400-1,200ml per 10L

Boom sprayer rate
40-80L per ha

Area covered
Up to 1ha

- 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:



10L 20L

Ferro-gem is a 6% straight iron which is used to harden up grass. Apply with a fine nozzle by knapsack or boom sprayer to ensure there is good coverage. Use 600-800L of water per hectare to help improve coverage of thicker swards of grass. This product can be very useful for inhibiting moss.

MAN-SUL

Liquid fertiliser for grass

Analysis breakdown

15% manganese
24% sulphur

Knapsack sprayer rate
15ml per litre of water

Boom sprayer rate
2-5L per ha

Area covered
Up to 500ha



5L 20L 200L 1000L

Man-Sul is a foliar-applied product containing two key elements for foliar nutrition. Manganese is an important element for the production of chlorophyll, which is required for photosynthesis in all plants giving the leaves a healthy shade of green.

MAG-SUL

Magnesium and sulphur mix

Analysis breakdown
6.8% magnesium
13.3% sulphur

Knapsack
sprayer rate
25ml per 1L of water

Boom sprayer rate
3.75L per ha

Area covered
Up to 6.6ha



5L 20L

Mag-Sul is a foliar nutrition product containing 13.3% sulphur and 6.8% magnesium. Magnesium is an important nutrient involved in photosynthesis of many plants including arable crops, vegetables, fruit and grass.

TRACE-EL

Trace element package

Analysis breakdown
0.7% boron
0.4% copper
3.4% iron chelated with EDTA
2.1% manganese
0.2% molybdenum
0.6% zinc

Knapsack
sprayer rate
50-125ml per 10L of water

Boom sprayer rate
1-2.5L per ha

Area covered
Up to 2ha



5L

Trace-EL is a liquid foliar applied feed containing 8 key trace elements including; magnesium, sulphur, iron, zinc, manganese, boron, copper and molybdenum. Trace elements are key to a healthy plant and can help enhance uptake of other nutrition.

LIQUID COPPER

Copper deficiency treatment

Analysis breakdown
435g/L copper oxychloride

Knapsack
sprayer rate
20ml per 10L of water

Boom sprayer rate
0.5L per ha

Area covered
Up to 2.5ha



5L

Copper is essential to crops for stimulation of enzyme systems in association with other elements and is particularly active in many of the metabolic pathways within the cell. All crops can be affected by copper deficiency including cereals, vegetables, fruit, brassicas, root crops, horticultural crops and grassland.

KELPAK®

Organic seaweed growth stimulant

Analysis breakdown
A mix of plant hormones, amino acids and vitamins

Knapsack
sprayer rate
50-200ml per 10L of water

Boom sprayer rate
1-4L per ha

Area covered
Crop dependent



5L

Kelpak is an organic biostimulant containing a concentrated extract of the kelp species *Ecklonia maxima* used to encourage root growth and contains a high ratio of auxin-like elements that promote plant health.



Emerald® PRO

ORGANIC AND NATURAL SEAWEED FERTILISER

HELPING TURF RECOVER FROM DROUGHT

Key Benefits

- 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.**



EMERALD® PRO

Seaweed Fertiliser

Knapsack
sprayer rate
150-200ml per
20-40L of water
covers 500m²

Boom sprayer rate
4-5L per ha

Area covered
Up to 1.6ha



1L 5L 210L IBC

Emerald® Pro is a concentrated seaweed extract manufactured from *Ascophyllum nodosum* algae harvested from the Atlantic ocean. It is organic, natural and highly effective in optimising growth conditions for maximum quality and yield.

PREMIER SEED®



- Will produce an exceptional high-quality and fine-leaved pitch.
- Produces a compact tight turf sward.

- Extremely hard wearing and quick to recover.
- The tight sward and shoot density give an excellent resistance to disease.

A DEDICATED TECHNICAL ADVICE TEAM ARE ON HAND FOR ALL YOUR NEEDS.

PREMIER SEED®

A premier range of quality mixes individually formulated for a wide variety of areas, lawn, landscape, sport, paddocks and pastures.

When choosing a seed, the best grass seed will be the one that works with soil type, requirement, environment and is fit for purpose. The Premium brand offers a range of blends formulated for quality results as standard, with a guarantee to germinate and grow as expected.

Requirements, environment, preparation, and patience all play an important factor in choice of seed. From lawn to landscape, commercial to sport – the Premier brand offers the very best in quality and results!

AIRFIELD MIX

Perfect mix for airfield grass areas

Contents

80% tall fescue
15% cocksfoot
5% perennial ryegrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 570m²



20kg

Premier Airfield grass seed mixture is designed to be sown around airfields, and maintained at the height of 150mm, as per a 'Long Grass Management' programme, thereby deterring birds from landing around the runway.

DROUGHT TOLERANT

Ideal for areas often affected by drought

Contents

55% strong creeping red fescue
25% Chewings fescue
15% sheep's fescue
5% slender creeping red fescue

Spreading rate
35-50g per m²

Pack size coverage
Up to 285m²



2kg 10kg

This grass seed mix is formulated to be more tolerant to drought conditions than a standard grass seed. This mix consists of several types of seed that are water efficient and can be tolerant to drought.

FORMAL LAWN

Creates fine lawns and landscape areas

Contents

50% strong creeping red fescue
25% Chewings fescue
20% slender creeping red fescue
5% browntop bentgrass

Spreading rate
35-50g per m²

Pack size coverage
Up to 285m²



2kg 10kg

This high quality grass seed mixture is suitable for new and existing areas to produce an attractive, fine, dense quality sward for use on non-Ryegrass areas.

HAY AND SILAGE

High yielding grass mix

Contents

4kg Italian ryegrass
3kg Italian ryegrass(T)
3kg hybrid ryegrass(T)
3kg intermediate perennial ryegrass

Spreading rate
6.5-13kg per acre

Pack size coverage
Up to 1 acre



13kg

This mix is ideal for producing hay and silage. It will allow you to get at least two bulky cuts of silage a year for up to three years. It offers the potential for excellent autumn grazing following a cut of Silage or Hay.

HYDROSEED

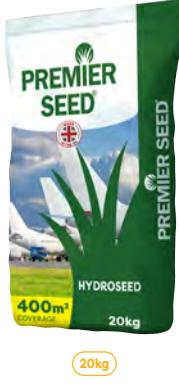
Perfect mix for hydroseed applications

Contents

40% strong creeping red fescue
30% perennial ryegrass
20% Chewings fescue
7.5% smooth stalked meadow grass, 2.2% browntop bentgrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 400m²



20kg

Premier Seed Hydroseed Mix is the perfect mix for hydroseed applications. It is perfect for use in areas such as steep embankments or airfields where the seed may be blown away.

LANDSCAPE & LAWN

Grass seed for landscaping and lawns

Contents

80% perennial ryegrass
20% strong creeping red fescue

Spreading rate
35-50g per m²

Pack size coverage
Up to 570m²



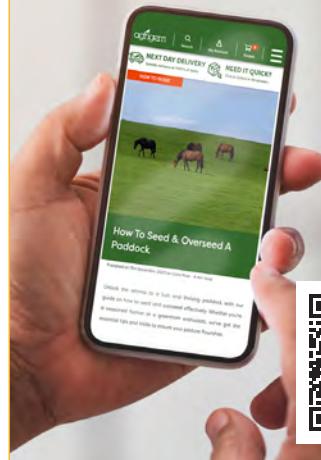
2kg 10kg 20kg

Premier Grass Seed is exclusive to Agrigem and is a high quality seed for a wide variety of areas. This seed has been specifically formulated for use in landscape and lawns. It can be used to overseed bare or patchy areas, or to create a new lawn.



PADDOCK SEEDING

Find out how to seed and overseed a paddock in our quick guide.



agrigen.co.uk/advice-centre/paddock-seed

LOW MAINTENANCE

Produces a hardwearing and low maintenance surface

Contents
50% strong creeping red fescue
30% Chewings fescue
20% hard fescue

Spreading rate
35-50g per m²

Pack size coverage
Up to 285m²



Premier Low Maintenance Grass Seed. A mix which is specially formulated to produce a hardwearing and low maintenance surface. This is the perfect choice for great results with less maintenance. Ideal for use in parks or urban areas. Available in 2kg and 10kg pack sizes to suit your requirements.

PADDOCK

1 acre pack of paddock grass seed

Contents
34% perennial ryegrass
34% perennial ryegrass
7% strong creeping red fescue
7% cocksfoot
7% Timothy
7% meadow fescue

Spreading rate
7-13kg per acre

Pack size coverage
Up to 1 acre



This horse and pony paddock mixture is suitable for new and existing paddocks. It contains all the varieties needed to maintain a healthy paddock and horse. This mix will tolerate several years of wear and tear.

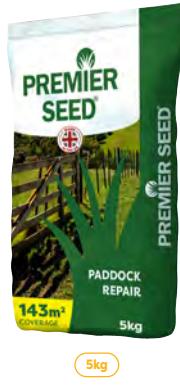
PADDOCK REPAIR

Ideal for repairing field corners or gateways

Contents
50% perennial ryegrass
50% perennial ryegrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 143m²



This horse and pony paddock mixture is suitable for new and existing paddocks. It contains all the seeds needed to maintain a healthy paddock and horse. If you are looking to over-seed an area, we would recommend to sow at 7kg per acre.

PADDOCK WITH HERBS

1 acre pack of paddock grass seed

Contents
4kg perennial ryegrass
4kg perennial ryegrass
1kg cocksfoot
1kg timothy
1kg meadow fescue
2kg strong creeping red fescue
50g sheep's parsley
50g burnet
135g plantain
15g yarrow

Spreading rate
6.5-13.25kg per acre

Pack size coverage
Up to 1 acre



This paddock grass seed contains several types of grass to create a hardy and nutritious paddock. The added herbs provide a natural source of vital vitamins and minerals for the grazing animals.

ROADSIDE & EMBANKMENT

Hardy grass seed for roadsides and embankments

Contents
40% strong creeping red fescue
30% perennial ryegrass
20% Chewings fescue
7.5% smooth stalked meadow grass
2.5% browntop bentgrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 285m²



The Premier range of grass seed is exclusive to Agrigem and is a high quality seed for a wide variety of areas. This seed has been specifically formulated for use on roadsides and embankments due to its durability and low maintenance.

SHADE TOLERANT

For use in shaded areas such as under trees

Contents
50% strong creeping red fescue
25% Chewings fescue
10% slender creeping red fescue
10% smooth stalked meadow grass
5% browntop bentgrass

Spreading rate
35-50g per m²

Pack size coverage
Up to 285m²



This grass seed mix is specifically formulated to be more tolerant to shaded areas than a standard seed. It consists of several types of seed that maintain their appearance even during lack of direct sunlight.

PREMIER SEED®

Sports Grass Seeds

100% BENT

Widely used on golf and bowling greens

Contents
100% browntop bentgrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 285m²



Bent Grass Seed is used widely on golf and bowling greens. A 100% brown top bent grass seed (also known as common bent) mixture. Regularly used through the season for overseeding or renovation.

100% FESCUE

Drought tolerant and highly resistant to disease

Contents
50% slender creeping red fescue
50% Chewings fescue

Spreading rate
35-70g per m²

Pack size coverage
Up to 285m²



A 100% straight fescue mix. This mixture is ideally suited for golf courses and fairways who use very little fertiliser and irrigation. Ideal for sustainable management programs.

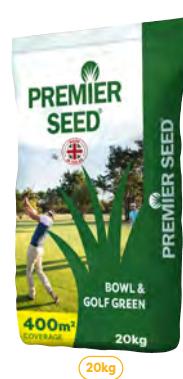
BOWL & GOLF GREEN

Produces a compact tight turf sward

Contents
45% slender creeping red fescue
45% Chewings fescue
5% browntop bentgrass
5% browntop bentgrass

Spreading rate
35-50g per m²

Pack size coverage
Up to 400m²



A Premier mixture incorporating both slender creeping and chewings fescue for improved colour and disease-resistance. Premier Bowls and Golf Greens Grass Seed will produce an exceptional high-quality and fine-leaved lawn. Suitable for Golf Tees and bowling Greens.

CRICKET WICKET

Suitable for cricket lawns and tennis courts.

Contents
50% perennial ryegrass
50% perennial ryegrass

Spreading rate
35-50g per m²

Pack size coverage
Up to 570m²



10kg 20kg

A blend of high density, wear-tolerant perennial ryegrass for a uniform, resistant surface under close mowing. This mixture also provides excellent root penetration, particularly at wicket ends and baselines. A mixture designed to give rapid establishment with extreme wear tolerance and recovery.

FINE CUT SPORTS

A fine grass seed mix for sports use

Contents
50% perennial ryegrass
25% Chewings fescue
20% slender creeping red fescue
5% browntop bentgrass

Spreading rate
35-50g per m²

Pack size coverage
Up to 571m²



10kg 20kg

This high quality grass seed mixture will produce a fine leaved, dense sward for use on areas such as tennis courts and cricket outfields.

POLO & RACECOURSE

Hard wearing sports mix

Contents
40% perennial ryegrass
30% perennial ryegrass
30% perennial ryegrass

Spreading rate
50-70g per m²

Pack size coverage
Up to 400m²



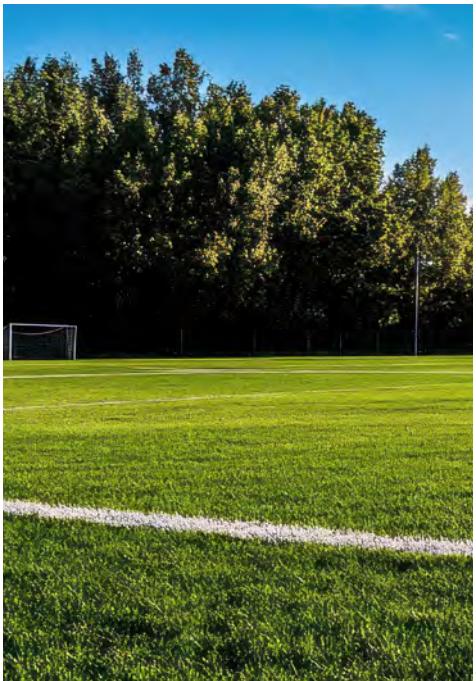
20kg

This high quality grass seed mixture is suitable for new and existing areas. It will establish very quickly to produce a dense, hard wearing sward for Horse Racing, Gallops and Polo pitches.

From cricket to football, golf to tennis, bowls to rugby and more, the Premium range has been created to offer a choice of blends that cover all elements required for that perfect sports pitch, field, fairway or green whether in a professional or grassroots environment.

Specifically selected for versatility and resilience, our sports seeds:

- are quick to establish
- provide unrivalled drought tolerance and disease resistance
- withstand intensive use season after season
- used for repair, overseeding or restoring grounds to their former glory



SPORTS PITCH

Creates fine lawns and landscape areas

Contents

40% perennial ryegrass
30% perennial ryegrass
30% perennial ryegrass

Spreading rate
35-70g per m²

Pack size coverage
Up to 570m²



10kg 20kg

The Premier range of grass seed is exclusive to Agrigem and features a range of mixes specifically formulated for a wide variety of areas. This seed is suited to use in areas such as cricket outfields, football pitches and tennis courts.

TENNIS GRASS SEED

A hard-wearing amenity mixture for court and baseline use.

Contents

80% perennial ryegrass
20% slender creeping red fescue

Spreading rate
35-50g per m²

Pack size coverage
Up to 400m²



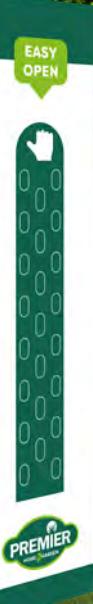
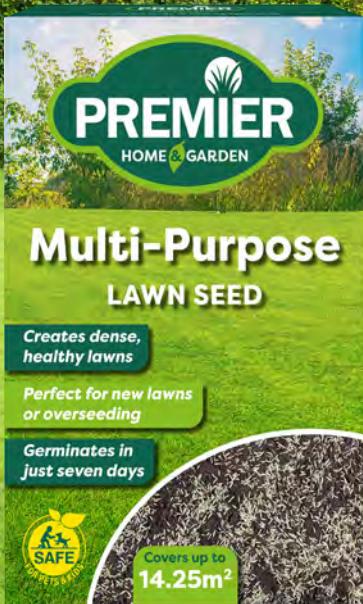
20kg

The Premier Seed Tennis Court mixture has been carefully formulated to meet the demanding requirements for continuous use on a well-managed turf. There are several important characteristics required from grass seed mixtures intended for a tennis court or lawn.

NEW Seed Range

PREMIER
HOME & GARDEN

Multi-purpose, patch repair, and wildflower seed
AVAILABLE NOW



Get in touch for more details:

Tel: 01522 246491 or email: sales@agrigem.co.uk

Wild Flower Seeds

PRODUCTS ON THIS PAGE CONTAIN 80% GRASS SPECIES AND 20% WILD FLOWERS

Wildflower meadows are rich habitats of flora and fauna – supporting wildlife and pollinators and providing visual appeal right through the summer. Our seed curators skilfully blend wildflower varieties that create a rich fusion of blooms with variety in form, structure, height and colour – to provide reliable, engaging displays.

ACID 80/20 FLOWER MIX

Acid 80/20 Flower Mix is UK native wildflower seed mix, specially formulated for acidic soils. Perfect for moorland, heathland, peat soils and other acidic soils. This mix includes a diverse range of wildflowers that can survive in soil with a pH as low as 4.5.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



This mix is a great choice for those looking for a colourful and environmentally friendly option, as it provides habitats for bees, butterflies, insects and birds. With a high percentage of perennial wildflowers, this mix will give you colour in the first year and beyond.

DRY/SANDY 80/20 FLOWER MIX

Dry/Sandy 80/20 Flower Mix is the perfect UK native wildflower seed mix to add to your dry and sandy soils. This mix includes a diverse range of deep-rooting wildflowers that can find moisture in well-drained, drought-prone areas.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



Perfect for embankments and green roofs, this mix of annuals and perennials will provide a burst of colour in the first year and for years to come. Not only does the mix add visual appeal, but it is also environmentally friendly, providing essential habitats for bees, butterflies, insects, and birds.

FLOWERING LAWN 80/20 FLOWER MIX

Flowering Lawn 80/20 Flower Mix is a UK wildflower seed mix for eco-lawns. Specially formulated for low-growing, species-rich lawns, this mix is perfect for those looking for an environmentally friendly alternative to traditional lawns.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



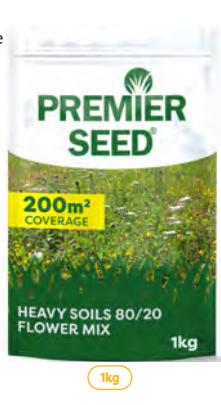
This mix can be added to slow-growing grasses (without ryegrass) or to new lawn areas. Create a stunning, eco-friendly lawn that provides habitats for bees, butterflies, other insects and birds with our UK native wildflower seed mix for eco-lawns.

HEAVY SOILS 80/20 FLOWER MIX

Heavy Soils 80/20 Flower Mix is a UK native wildflower seed mix, specially formulated for clay, heavy soils and moisture-retentive soils.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



This diverse range of wildflowers includes a mixture of annuals and perennials, making it perfect for creating a vibrant and long-lasting garden. Not only is this mix beautiful, but it is also environmentally friendly, providing habitats for bees, butterflies, other insects and birds.

WATERMARGINS 80/20 FLOWER MIX

Water margins 80/20 Flower Mix is the perfect touch for your water margins, pond edges, and wetland areas. It is a UK native wildflower seed that is specially formulated for these unique environments. This mix includes a diverse range of wildflowers that will thrive in wetland areas.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



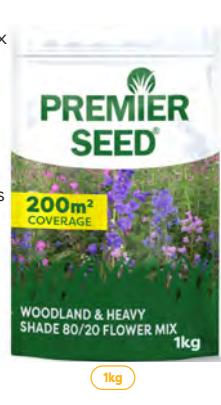
With a mix of both annuals and perennials, you will enjoy a burst of colour in the first year and for years to come. Not only does this mix add visual appeal, but it is also environmentally friendly, providing essential habitats for bees, butterflies, other insects, and birds.

WOODLAND AND HEAVY SHADE 80/20 FLOWER MIX

Woodland and Heavy Shade 80/20 Flower Mix is ideal for woodlands and partially shaded areas. This UK native wildflower seed mix is specially formulated for these unique environments. It includes a diverse range of wildflowers that will thrive in woodlands and partial-heavily shaded areas.

Spreading rate
5g per m²

Pack size coverage
Up to 200m²



With a mix of both annuals and perennials, you will enjoy a burst of colour. Not only does this mix add visual appeal, but it is also environmentally friendly, providing essential habitats for bees, butterflies, insects, and birds.

BEES AND BUTTERFLY 100% WILD FLOWER MIX

Bees and Butterfly 100% Wildflower Mix is the ultimate bee and butterfly seed mixture, a professionally selected blend of seeds that are guaranteed to attract and support bees and butterflies.

Spreading rate

2-4g per m²

Pack size coverage

Up to 400m²



Ideal for urban meadows, professionally designed landscapes, and garden borders, this mixture is a great choice for adding colour and biodiversity to your outdoor space. With a variety of high-colour annuals and perennials, this mixture provides colour in the first year and beyond.

KALEIDOSCOPE 100% WILD FLOWER MIX

Kaleidoscope 100% Wildflower Mix is your garden's ultimate annual flower mix. This unique blend of UK native wildflowers and horticultural flowers is guaranteed to add a burst of vibrant, eye-catching colour to your outdoor space.

Spreading rate

2-4g per m²

Pack size coverage

Up to 400m²



This mix is perfect for those looking to enjoy a colourful display in just one growing season, featuring a variety of high-colour, easy-to-grow annuals. With a stunning array of colours including blue, red, purple, yellow, pink, orange, brown, and white, Kaleidoscope is sure to bring life to any garden.



KALEIDOSCOPE 100% WILD FLOWER MIX

SCENTED FLOWER MEADOW 100% WILD FLOWER MIX

Scented Flower Meadow 100% Wildflower Mix is a professionally selected blend of seeds designed to give off strong scents and aromas in and around your flowering meadow.

Spreading rate

2-4g per m²

Pack size coverage

Up to 400m²



Featuring a variety of high colour wildflowers and wild herbs such as thyme, meadowsweet, sweet cicely, wild marjoram and wild garlic, which are especially strong in fragrance. This mix is perfect for those who want to add a pleasant aroma to their outdoor space.

ADVICE CENTRE

Making the most of the wildflower trend



agrigen.co.uk/advice-centre/agrigem-blog/gardening-blog/making-the-most-of-the-wildflower-meadow-trend/

SHERBERT FIZZ 100% WILD FLOWER MIX

Sherbert Fizz 100% Wildflower Mix is the ultimate seed mix for your garden. This unique blend of UK native wildflowers and horticultural flowers perfectly combines fast-growing and great value.

Spreading rate

2-4g per m²

Pack size coverage

Up to 400m²



Featuring a variety of high-colour, easy-to-grow annuals, this mix is perfect for those looking to enjoy a colourful display in just one growing season. With a stunning array of colours including yellow, orange, blue, white, pink and purple.



SHERBERT FIZZ 100% WILD FLOWER MIX

THE BEES KNEES 100% WILD FLOWER MIX

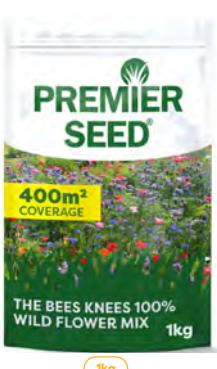
The Bees Knees 100% Wildflower Mix is a bee-friendly blend of UK native wildflowers and horticultural flowers for your garden. This mix includes a combination of high-colour annuals and perennials, providing colour in the first year and beyond.

Spreading rate

2-4g per m²

Pack size coverage

Up to 400m²



Featuring a variety of colours including pink, purple, blue, yellow, white, red, and orange, this mix is sure to add a burst of colour to your outdoor space. Designed with bees in mind, this mix has a high inclusion of wildflowers that will attract and support bees and other pollinators in your garden.

Adjuvants



Spray Enhancers

► SEE THE COMPARISON TABLE FOR ALL PRODUCTS IN THIS SECTION ON PAGE 101

Agrigem offers a range of additives and spray enhancers to increase the effectiveness of pesticides and fertilisers.

ACTIVATE-G®

Water conditioner and enhancer

Active ingredient
50% w/w activated ammonium sulphate

Knapsack sprayer rate
50ml per 10L of water

Boom sprayer rate
1L per 200L of water

Area covered
Up to 5ha



1L 5L

Activate-G® has been specially formulated to combine with the active ingredient of a pesticide to improve its absorption into the plant. This is done in two ways, firstly by stopping the pesticide 'locking up' when used in areas of hard water, and secondly by helping the chemical uptake into the plant.

ACTIVATOR® 90

Adjuvant wetter

Active ingredients
750g/kg alcohol ethoxylates + 150g/L natural fatty acids

Knapsack sprayer rate
10ml per 10L of water

ADJ No.
0547

Boom sprayer rate
0.1% of solution

Area covered
Depends on water rate



1L 5L

Activator 90 is an adjuvant wetting agent used in agriculture, forestry and horticulture to aid the efficacy of herbicides. This is particularly useful when treating tough waxy weeds. It can also be used to help aid the reduction of spray drift.

ALL CLEAR® EXTRA

Sprayer cleaner and decontaminant

Active ingredients
A balance of sequestrants and surfactants.

Knapsack sprayer rate
50ml per 10L water

Boom sprayer rate
0.5L per 100L of water



5L

All Clear Extra is a specially formulated liquid sprayer cleaner which removes pesticide deposits and other debris, including oily substances, from tanks, booms, hoses, filters and nozzles.

BLUE GEM®

Spray indicator to temporarily stain the treated area

Active ingredient
Food Grade Dye

Knapsack sprayer rate
12.5-30ml per 10L of water depending on surface

Boom sprayer rate
1-2L per ha

Area covered
Up to 1ha



1L



Blue-Gem® is a food grade blue dye that is mixed in the spray tank with herbicides and pesticides. An integral part of spraying, Blue-Gem® will temporarily dye the area covered and will in turn

save you money and time as you are not missing any areas or overdosing any areas by spraying more than once.

FOAM-GO

Concentration of de-foaming agents

Active ingredient
10% polydimethyl silicone emulsion

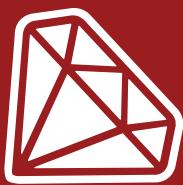
Knapsack sprayer rate
1.5ml will treat 10L of solution

Area covered
1L will treat 7,000L of solution



1L

Foam-go is a superior concentration of de-foaming agents formulated to give fast, effective and economical control of foaming during spray tank filling. Foaming can considerably slow down the filling process, lead to loss of product and leave residues on the tank walls.



Ruby®

Organosilicone
Penetrative Adjuvant

CAN BE USED ON EVERYTHING
FROM GOLF GREENS TO FRUIT.

IMPROVE CONTROL
BY UP TO  20%



Ruby is a fungicide adjuvant system which can also be used in mixtures with herbicides, insecticides, moss killers and micronutrients.

Ruby works by enhancing the way that spray droplets can penetrate the leaf surface and will also act as a spreader across the leaf surface.



Enhances action of penetrant and systemic fungicides



Optimises external foliage coverage



Maximises internal uptake of active ingredient



Can be used on everything from golf greens to fruit

PHASE II®

Adjuvant and anti-drift

Active ingredient
842g/L esterified rapeseed oil

Knapsack sprayer rate
100ml per 10L of water

ADJ No.
0622

Boom sprayer rate
0.5% of water
volume up to 2L per ha

Area covered
Up to 2.5ha

Phase II is a rapeseed adjuvant oil which can be used in a large range of agricultural and horticultural crops. This product will help increase activity of pesticides or weed killers helping them work better and faster. This can be useful when trying to control tough, waxy plants, or when trying to penetrate dense foliage.



RUBY®

Improves product uptake



TRAIL TRACKS

Bout marker

Active ingredients
Liquid surfactant blend

Boom sprayer rate
Use at 1% concentration



Trail Tracks is a technically advanced bout marker foam for use in amenity and agriculture. It gives long lasting and clearly visible marks of white foam and is compatible with all bout marker machines. Helps to prevent missing or overdosing areas.

Active ingredients

827g/L Oil (rapeseed fatty acid methyl esters) + 44.5g/L trisiloxane organosilicone copolymers

Knapsack sprayer rate
0.1-0.2% of spray solution

ADJ No.
0876

Boom sprayer rate
100ml per 100L of water

Area covered
Dependant on water rate

Ruby is a fungicide adjuvant system which can also be used in mixtures with herbicides, insecticides, moss killers and micro-nutrients. Ruby works by enhancing the way that spray droplets can penetrate the leaf surface and will also act as a spreader across the leaf surface. Getting excellent coverage is vital when treating diseases, applying Ruby will also stop droplets bouncing or running off the leaf tissue, as they will stick to the surface and then start to spread out - covering the whole leaf.

Ruby can improve control by over 20% when compared to just using a fungicide on its own.

TANK AND EQUIPMENT CLEANER

Granular tank cleaner

Active ingredients
Dry powder formulation of powdered alkaline detergents

Application rate
1g per 1L of water

Area covered
Depends on rate and usage



Tank and Equipment Cleaner is specially formulated to remove pesticide deposits and other debris including oily substances from tanks, booms, hoses, filters and nozzles. To avoid subsequent damage to other crops, all traces of herbicides must be removed from spraying equipment immediately after spraying.

X-CHANGE®

Water conditioner

Active ingredient
ammonium propionate

Knapsack sprayer rate
25ml per 10L of water

Application sprayer rate
250ml per 100L of water

Area covered
Depends on water volume



X-Change is a soluble concentrate formulation containing a proprietary blend of water conditioning agents, acidifying agents, pH buffers and an anti-foam. This is very useful to use in areas of hard water to stop herbicides such as glyphosate 'locking up'.

Activate-G

- Specially formulated to combine with herbicides to improve their efficiency and effectiveness.**
- Reduces any loss of herbicide as it is all drawn into the plant.**
- Increases the activity of herbicides by 7-10 days.**



Equipment



Sprayers

Arigem offers a large range of professional high-performance sprayers from manual handheld to electric powered sprayers, knapsack sprayers, and ATV-mountable boom sprayers.

FOLDING BOOM KIT AND ATV MOUNTS

This boom kit is designed to be used with Spraymaxx ATV sprayers but could be used with any ATV sprayer that has a pump of 11.4L/min or larger. This kit is a 3 meter, spring loaded break-back boom kit complete with nozzles and mounting bracket.

Fitted with DT 3.0 grey deflector nozzles.

Key Benefits:

- 3 metres.
- Spring-loaded.
- Can be used with any ATV sprayer with a pump of 11.4L.
- Fitted with DT 3.0 grey deflector nozzles.



3 metres and 4 metres available

SPRAYMAXX 60L ATV - 3.8L/MIN

Pro Series Spot Sprayer - 3.8L/min

The SprayMaxx 60L Pro Series ATV Sprayer, otherwise known as a Quad Sprayer, is a heavy duty sprayer designed for easy mounting onto an ATV or four wheeler. The unique design of the ATV sprayer system allows the operator to control the spraying pattern without leaving their seat providing thorough and adjustable spray coverage. Available with an optional boomless nozzle and boom kits.

The design of the tank enables the unit to be mounted on to the cargo rack of an ATV, UTV, pick up or trailer. This 3.8L/min pump is suitable for spot spraying. If you wish to power a boom, then look at the larger pump option.

Ideal For:

- Eliminating insects and diseases around trees, orchards and fence rows.
- Controlling weeds on verges and central reservations.
- Local authority and school playing fields, gardens and parks.
- Market gardens and green house applications
- Equestrian, golf courses and grounds.



SPRAYMAXX 60L ATV - 15L/MIN

Pro Series Spot Sprayer - 15L/min

The SprayMaxx 60L Pro Series ATV Sprayer, otherwise known as a Quad Sprayer, is a heavy duty sprayer designed for easy mounting onto an ATV or four wheeler. The unique design of the ATV sprayer system allows the operator to control the spraying pattern without leaving their seat providing thorough and adjustable spray coverage. Available with an optional boomless nozzle and boom kits.

The design of the tank enables the unit to be mounted on to the cargo rack of an ATV, UTV, pick up or trailer. This larger 15L/min pump is ideal for powering a boom up to 4m wide. If you wish to spot spray only, look at the Smaller Pump Option.

Ideal For:

- Eliminating insects and diseases around trees, orchards and fence rows.
- Controlling weeds on verges and central reservations.
- Local authority and school playing fields, gardens and parks.
- Market gardens and green house applications
- Equestrian, golf courses and grounds.



SPRAYMAXX 90L ATV - 15L/MIN

Pro Series Spot Sprayer - 15L/min

The Spraymaxx 90L Pro Series ATV Sprayer, otherwise known as a Quad Sprayer, is a heavy duty sprayer designed for easy mounting onto an ATV or four wheeler. The unique design of the ATV sprayer system allows the operator to control the spraying pattern without leaving their seat providing thorough and adjustable spray coverage. Available with an optional boomless nozzle and boom kits.

The design of the tank enables the unit to be mounted on to the cargo rack of an ATV, UTV, pick up or trailer. This larger 15L/min pump is ideal for powering a boom up to 4m wide. If you wish to spot spray only, look at the smaller pump option.

Ideal For:

- Eliminating insects and diseases around trees, orchards and fence rows.
- Controlling weeds on verges and central reservations.
- Local authority and school playing fields, gardens and parks.
- Market gardens and green house applications
- Equestrian, golf courses and grounds.



ADVICE CENTRE - KNOW YOUR NOZZLES

Get the right spray distribution for the job.

Read our guide to selecting the right spray nozzle.



agrigen.co.uk/advice-centre/how-to-guides/equipment/how-to-select-the-right-spray-nozzle/

Equipment



Knapsack Sprayers

BERTHOUD® ELYTE 8L PUMP SPRAYER

8L professional compression sprayer

The Berthoud Pro Elyte 8L sprayer is the market leader when it comes to hand-held compression sprayers. This sprayer is designed in medium sized gardens, or for professional users who prefer the ease of a handheld sprayer when compared to a knapsack.



BERTHOUD® VERMOREL 1800

Professional user 16L knapsack sprayer

The Vermorel Pro Comfort 1800 sprayer is suitable for the application of herbicides, fungicides and insecticides. This comfortable and efficient sprayer has been designed with the operator in mind and is fitted with padded straps and waist belt assembly that is unique to Berthoud Sprayers.



BERTHOUD® VERMOREL 2000

Professional user 16L knapsack sprayer

The 2000 model is the new and improved version of the Vermorel 1800 model. The sprayer is also fitted with the unique profile trigger and extendable lance from 0.6m to 1.2m. It gains pressure quickly with easy pumping and only 8-10 strokes per minute required to keep pressure. It has no wearable parts inside the pump or tank.



BERTHOUD® VERMOREL 3000

18L electric pump sprayer

The Vermorel 3000 Knapsack Sprayer features a lithium battery with a 6-hour work time. This knapsack has been designed with the operator in mind; it boasts adjustable and padded straps which provide comfort during prolonged use. It is also more than 1.5kg lighter than the Vermorel 2000 making it easier to carry for long periods of time. This sprayer was redesigned in 2018 and now offers a higher build quality and longer battery life.



COOPER PEGLAR® CP3

Professional user 20L knapsack sprayer

The Cooper Pegler CP3 Classic 20L Knapsack Sprayer has long been the market leading knapsack sprayer. It has a unique diaphragm pump system that when combined with a pressure control valve, assures many years of trouble free and accurate protection. The CP3 features a 50cm long reinforced lance and a 120cm long hose.



COOPER PEGLAR® CP15

Market leading 15L knapsack sprayer

The CP15 15L Knapsack Sprayer has a unique diaphragm pump system that when combined with a pressure control valve, assures many years of trouble free and accurate protection. The Adjustable pressure relief valve inside the tank limits the pressure to approx. 1 Bar, recommended for herbicides, and approx. 3 Bar, which is recommended for fungicides and insecticides. It features a 50cm long reinforced lance and a 120cm long hose.



HOZELOCK EXEL

Complete range of sprayers combining comfort and performance for both professionals and home gardeners.

Shop the range at:
agrigel.co.uk



ECONOMY SPRAYER

16L knapsack sprayer

The 16L economy sprayer is ideal for those doing small amounts of spraying. It is very simple to use and comes with an adjustable spray lance with nozzle, a hose and harness straps. It has a large filling hole with integrated filter to minimise blockages.



MATABI® EVOLUTION 16

16L knapsack sprayer

The Matabi Sprayer Evolution 16 has a 16L capacity with a fibreglass lance measuring 0.95m. It includes adjustable padded straps making it comfy for the user to operate - ideal for when a large amount of spraying is required. The knapsack features a chrome steel handle as well as a translucent gage on the side to easily keep track of the amount of liquid in the tank.



MATABI EVOLUTION 30 LTCs ELECTRIC SPRAYER

30L electric knapsack sprayer

Electric sprayer for orchards and gardens.

This 30L capacity electric garden sprayer is suitable for use with weedkillers, fungicides, insecticides/pesticides, fertilisers, moss killers, and products of natural origin.

Easy to use and transport, this garden sprayer comes complete with four high flow nozzles designed to reduce drift and increase efficiency, 8m of reinforced hose, a high-performance 18V electric pump and electronic control to allow for consistent spraying.



MATABI® KIMA 9 SPRAYER

9L pump sprayer

The Kima 9 from Matabi is a compression sprayer with a 9L capacity and a viton chamber shut-off valve. Due to the Kima 9's smaller capacity it is ideal for difficult terrain where only light loads can be carried. This compression sprayer also boasts a foot piece designed to hold the unit down whilst pressurising. The hose length measures 1.3m with a lance length of 0.65m.



MATABI® LTC SPRAYER

15L electric knapsack sprayer

The Evolution 15L LTC knapsack sprayer from Matabi features a 18V Li-ion battery which ensures even spraying at all times. This knapsack sprayer is suited to many uses including in gardens, vegetable crops and agriculture. There are two operating modes - herbicides or insecticides/fungicides. Other features include a wide filling mouth, adjustable straps and a reinforced hose.



MICRON KS16

16L back pack sprayer

The Micron knapsack sprayer is one the best value for money sprayers on the market. It is well constructed and very simple to use. It comes complete with a range of different nozzles and spare parts, as well a lightweight and durable metal lance.



PORTEK 12L EZY SPRAY

12L capacity

Portek Ezy Spray is a powerful 3 bar pressure sprayer with a 12L capacity. Ideal for garden borders, weed and pest control, spot spraying and maintenance this compact and portable sprayer has a coiled extending feed pipe with a quality lance and relief valve. This 12L Ezy Spray is easy to fill and holds pressure for much longer.



PORTEK EZY SPRAY 1.5L

1.5L capacity

The Ezy Spray 1.5L mini sprayers are compact and lightweight handheld sprayers equipped with a user-friendly hand pump for effortless pressurisation of the canister. Featuring a comfortable ergonomic grip handle and a lockable control trigger, they are designed for prolonged use, whether indoors or outdoors, in small-scale spraying tasks.



PORTEK OSCILLATING SPRINKLER

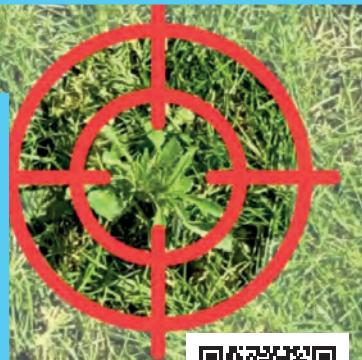
All-metal high-quality, compact, and sturdy garden sprinkler

The sprinkler is equipped with a simple control dial adjustment, allowing you to easily modify the oscillation to cover your garden's desired area. As the arm moves back and forth, water is sprayed out in a fan-shaped pattern through 17 large brass nozzles which can cover an area of 28m² - 350m². It is provided with a male snap-on hose connector for swift and effortless setup and compatibility with all standard garden hoses.



ADVICE CENTRE

How do selective weedkillers work?



agrigem.co.uk/advice-centre/agrigem-blog/latest-news/how-do-selective-weedkillers-work/

PORTEK EZY SPRAY 2L

2L capacity

The Ezy Spray 2.0L mini sprayers are lightweight handheld devices equipped with an easy-to-use hand pump for effortless pressurisation of the canister. With a comfortable ergonomic grip handle featuring a lockable control trigger for extended use, they are perfect for spraying small volumes indoors or outdoors.



PORTEK TRIPOD SPRINKLER

0-360° rotation

Portek Tripod Sprinkler is a high-quality, professional-grade sprinkler featuring a pulsating spray pattern for excellent and even water distribution. The sprinkler head is fully adjustable, providing coverage from 0 to 360 degrees or continuous rotation.

This powerful garden sprinkler features telescopic legs that adjust from 53cm to 117cm allowing it to reach up to 12m at its maximum height. It includes a male snap-on hose connector for quick and easy setup with all standard garden hoses.





Knapsack Accessories and Parts

From regulators to triggers, and from lances to nozzles, all good toolboxes carry spares, and we hold a comprehensive range of sprayer spares in stock ready for instant despatch.

BOOM 2 NOZZLE

Boom for knapsack sprayers



BOOM 3 NOZZLE

Boom for knapsack sprayers



BOOM 4 NOZZLE

Boom for knapsack sprayers



CHAPIN WET/DRY HOSE-END

Lawn and Garden Sprayer



- Attaches to any standard garden hose.
- Designed for ease of use.
- Wet and dry mode.
- Uses a venturi system.
- Ideal for water-soluble, granular concentrates.

The Chapin 32-Ounce Wet/Dry sprayer is an effective way to apply water-soluble and liquid concentrated treatments across your lawn and garden.

CONE NOZZLE

Produces a high velocity fine spray



Choose from a full or hollow cone pattern for comprehensive coverage. This operates at 1-5 bar pressures depending on requirements.

The 80° angle is easy to direct and the two piece construction separates for easy cleaning.

EXTENDABLE LANCES

1.2m, 2.4m and 3.6m lances



Universal fitting Knapsack Lances for use on the majority of knapsacks. These come complete with Lance, Trigger and Nozzles.

Available in three different lengths

FLAT FAN NOZZLE

Suitable for use with ATV and boom sprayers.



- Comes in a wide variety of sizes.
- Suitable for use with herbicides, fungicides and insecticides.

The Arag Flat Fan Nozzle is the standard nozzle used in ATV & boom sprayers. It is a versatile nozzle which can be used for most applications. The Hypro Flat Fan Nozzle can be used between 2-4 bar pressure which forms a mixed droplet spectrum which makes it suitable for a wide range of uses including herbicides, fungicides & insecticides.

FLAT FAN LOW DRIFT NOZZLE

Reduces spray drift by 50%



- Comes in a wide variety of sizes.
- Designed for use with an ATV or boom sprayer.

The Arag Flat Fan Low Drift Nozzle is the standard low drift nozzle which can reduce drift by 50% compared with other nozzles. It is ideal for use with an ATV or boom sprayer, giving you the option to change water rates or spraying speeds.

KNAPSACK DEFLECTOR NOZZLE

Uniform spray distribution

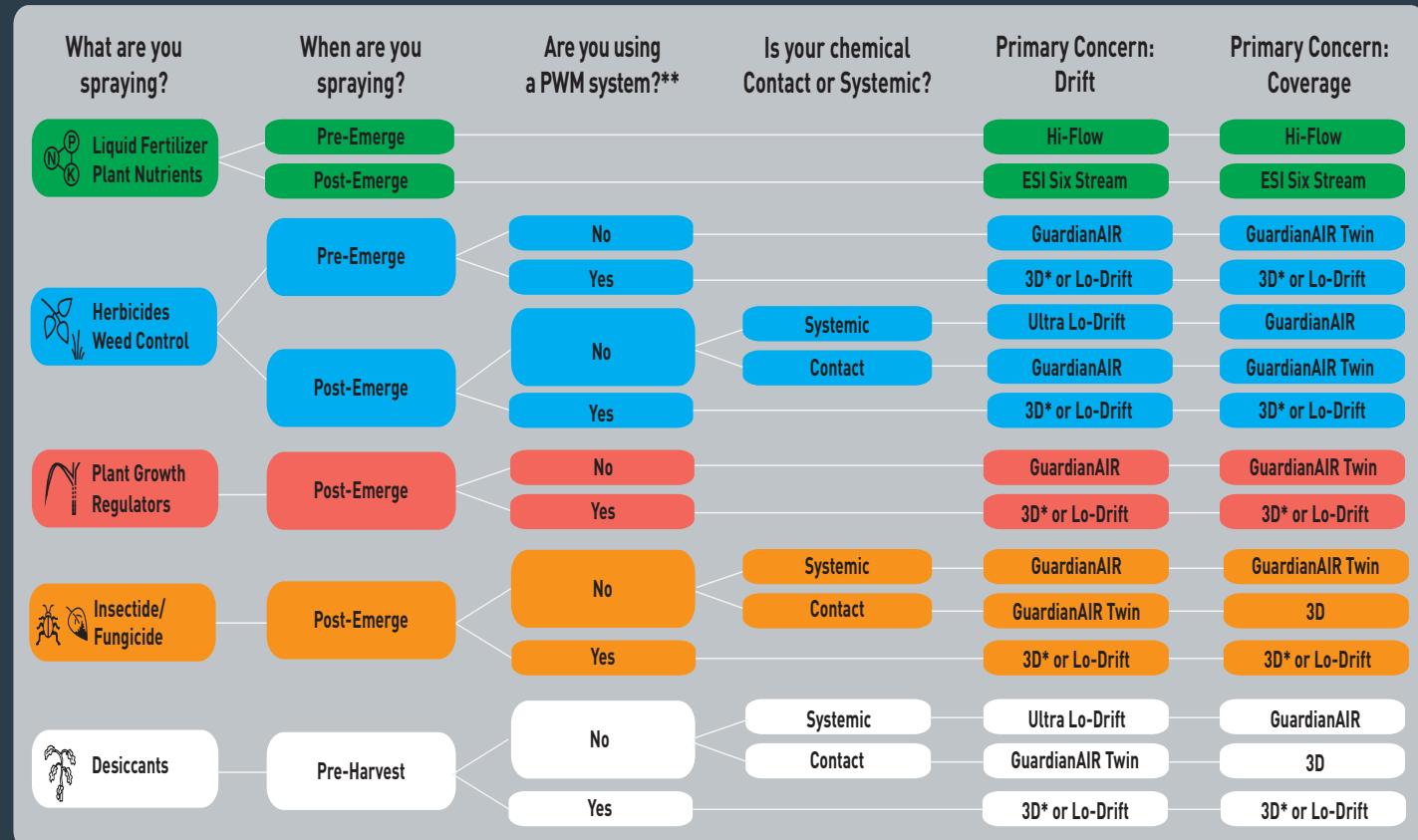


The Hypro Deflectip relatively coarse spray with very uniform distribution which makes it good for spraying straight lines such as path edges.

It also has a wide spray swath meaning you can cover larger areas faster.

Spraying nozzles

SPRAY NOZZLE SELECTION GUIDE



Spray quality will vary with pressure. For details see spray quality charts. Always comply with the product label recommendations or latest manufacturer advice on application on spray quality. * When using a PWM pick a pressure that provides the right droplet spectrum for contact/systemic or drift control/coverage.

**When using the 3D and PWM at less than 30 Hz you must install the nozzles facing the same direction.

KNAPSACK SHIELDS

Spray control shield



Specifically designed to prevent and reduce damage caused by spray drift.

PRESSURE REGULATORS

Control spray pressure



Ensure you spray at the correct pressure output with pressure regulator accessories.

SINGLE NOZZLE LANCE

Boom for knapsack sprayers



STEM INJECTOR KIT

Delivers chemical direct into the plant



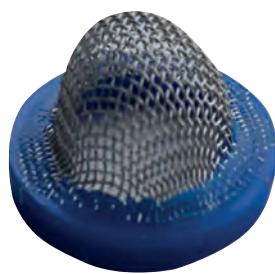
Specifically designed for eliminating invasive weeds such as:

- Japanese knotweed
- Giant hogweed
- Himalayan balsam

The Stem Injector is an ideal alternative to spraying in environmentally sensitive areas such as near water or around plants and shrubs.

NOZZLE FILTERS

Stops blockages within nozzles



Bowler Hat Filter
(Ideal for knapsacks)

This Bowler Hat filter is ideal for knapsack lances as it is smaller than the conventional Top Hat filter. You have the option of a 50 mesh (blue) or a 100 mesh (green) which are both suitable for the majority of knapsack applications.



Top Hat Nozzle Filter
(Ideal for boom sprayers)

The Top Hat Filter is used to stop nozzles getting blocked. They are constructed from a plastic head and a stainless steel filter screen. This filter can be used with all the nozzle bodies & nozzles which we supply.

WEED WIPER

Wipe the weeds you want to kill



This hand held Weed Wiper offers a safe, simple and economical way of killing weeds. It is completely targeted meaning there is no risk of damage to other plants or wildlife. It can be used to selectively kill tough weeds such as ragwort and docks in grassland. This often works out cheaper than using a paddock weed killer.



Equipment



Spreaders

ATV TOWABLE 80KG SPREADER

Towable atv spreader

This durable spreader is ideal for spreading granules such as fertiliser and grass seed on paddocks and larger lawned areas. It features an 80kg capacity with an adjustable feed control to spread over a width of 10-12ft. This spreader cannot be used with rock salt but can be used with refined ice melting salt.



CHAPIN 8740A SHAKER SPREADER

The Chapin 8740A Hand Shaker is a versatile and convenient tool for year-round use.

- 64-Ounce capacity.
- Year-round use.
- Adjustable openings.
- Ergonomic handle.
- Portable and convenient.
- Ideal for granular fertiliser, grass seed and granular weedkiller.

Perfect for everything from winter salt to spring and summer fertilisers, this 64-ounce shaker is designed to go where traditional spreaders can't. Its user-friendly design allows for one-handed operation, with or without gloves, making it an essential tool for homeowners and gardeners.



EXTRA LARGE 57KG PUSH SPREADER

Push along spreader with 57kg capacity

This push along spreader covers a large area in a short amount of time due to its 57kg hopper capacity and spread width of 3.06m to 3.66m (10-12ft). The pneumatic tyres help to reduce compaction of turf or the area you are spreading on, and also makes it easier to cross uneven terrain. It features a metal gear drive and an adjustable feed control.



27KG DROP SPREADER

Ideal for fertilising larger areas

This walk behind spreader makes light work of treating lawns and other flat areas. Two plastic wheels provide easy manoeuvrability on many types of terrain, and can even be used to spread salt or grit during the winter. This applicator allows you to quickly spread a range of seed and fertiliser products on lawns, sports fields and paddocks. The machine's spinning disc casts a wide spreading width which means less trips, and far quicker than doing it by hand.



HAND SPREADER

Hand held fertiliser spreader



The hand spreader is a high quality, easy to use hand held spreader. It has five different settings with a trigger to deploy granules onto spinning disc. It has a wrist guard to reduce fatigue when hopper is full.

Ideal hand held spreader for use on borders or small lawns for spreading seeds and fertiliser.

PROFESSIONAL SPREADER

All-round broadcast spreader

This all-round broadcast spreader has a polypropylene hopper which sits on a black powder coated frame with pneumatic tyres, enclosed gearing, folding handle and multiple feed setting control with a maximum spreading width of 3m. It is suitable for spreading lawn fertiliser, lawn sand and seed.

It also has a 23kg capacity hopper with adjustable flow rate.



TOWABLE 36.5KG SPREADER

Towable broadcast spreader

- Reliable, fully enclosed gear case.
- 36.5kg/80lb capacity.
- Hopper is made from durable polypropylene.
- Adjustable flow rate.
- Does not cause any damage to lawns.
- 1 year domestic warranty.
- Assembly is Required.



This Handy towable spreader is ideal for occasional users wanting to apply fertiliser, seed, salt and other granular materials. It has a fully enclosed gear case for longer working life, even at higher towing speeds. It will hold 36.5kg of material in its tough polypropylene hopper. It has a tough 13mm tubular black powder coated chassis with a rustproof spreader plate. Its 12" pneumatic tyres ride across lawns and paddocks without causing any damage. Choose from different spreader settings which will spread up to 3m wide.

ADVICE CENTRE - HOW TO CALIBRATE A FERTILISER SPREADER

Save money
and improve the
effectiveness of your
fertilising efforts by
correctly calibrating
your spreader.

FIND OUT HOW.



agrigem.co.uk/advice-centre/how-to-guides/equipment/how-to-calibrate-a-fertiliser-spreader/

Equipment



Safety Equipment

BLUE NITRILE GLOVES

Box Of 100

Blue Nitrile Gloves are disposable gloves for general use with textured fingers for excellent grip. These comfortable, thick and flexible gloves are approximately 33% thicker than standard nitrile gloves making them ideal for mechanics and farmers.

- Latex-free.
- Powder-free.
- Textured fingers.
- Beaded cuffs.
- 100 gloves by weight.



CHEMICAL SAFES

Store your pesticides safely



Our range of chemical storage safes are designed to store pesticides and other chemicals.

The safes can be fixed to the floor of a van or building and are ideal for local authorities and landscape gardeners who are traveling frequently and wish to store their chemicals safely.

15L 25L 150L 400L 1,500L

CHEMICAL SPILL KIT

Ideal for vehicles or chemical stores

Introducing our Mini Single-Use Spill Kit, the ultimate solution for on-the-go spill containment in a compact, sealed bag. Designed with convenience in mind, this spill kit is perfect for any vehicle or chemical store, offering quick and efficient clean-up for unexpected spills. With the capacity to absorb up to 20L, you can trust this kit to tackle spills of various sizes effectively.

Contains:

- 1 Clip-Top Carry Bag.
- 10 Pads.
- 2 Chemical Absorbent Socks.
- 1 Disposable Bag and Tie.



EYE WASH STATION

A compact easy to access eyewash kit which is wall mountable.

A simple eyewash station which is easy to access. The dome lid has a dual use; in addition to acting as a dust cover, the lid may also be used as a receptacle for eye wash fluid. Simply hold under the chin to prevent clothes from becoming wet.

Contains:

- Contains an integrated mirror, 10 x 20ml eyewash pods, 2 x eye pad dressings, 5 x 5ml eyewash pods.
- Dimensions: 205 x 205 x 50mm.



FACE SHIELD

Adjustable Clear Face Shield

When using pesticide / herbicide products it is important you wear a face shield to protect your eyes, mouth and face from any splash back or spray drift. This Adjustable Clear Face Shield is a well built, durable, lightweight visor with padded headband and single point ratchet for maximum safety and comfort.

It is made from a scratch-resistant plastic visor to ensure you can clearly see small details such as product labels.

It conforms to EN166, the standard requirement for COSHH assessments.



GLOVES

Chemical resistant spraying gloves



When working with agrochemicals and fertilisers gloves should always be worn. This particular type of glove has been specially designed to offer excellent protection against chemicals. It is the industry standard 330mm length, offering you the best protection.

These gloves are made from a non-slip material and are also flock-lined for comfort. Please note these are one size only.

PROFESSIONAL COVERALL

Professional spraying overalls

The type 5/6 disposable coverall is an economic solution to protect from non-hazardous liquids and dusts. It comes with an elasticated hood, cuffs and ankles and has a two way zipper with storm flap. These coveralls are category III and offer type 5/6 protection for both hazardous dusts and liquids.

EN1073-2 particulate radioactive contamination.



M **L** **XL** **XXL**

FIRST AID KIT

Ideal for travel



A handy first aid kit supplied in a rigid plastic box ideal for travel. Keep one in your vehicle or workplace in case of minor injuries.

Contains:

- Waterproof plasters.
- Bandages.
- Sterile dressing.
- Safety pins.
- Cleansing wipes.
- Vinyl gloves.
- First aid administration guidance leaflet.

SPRAY RECORD BOOK

A5 record book



Spray Record Book

agrigem

Email sales@agrigem.co.uk • Visit our website www.agrigem.co.uk

Get FREE ADVICE, call 01522 246491

- A5 size with a hard back to aid writing.
- Contains 50 job sheets.
- Covers all details, for example product name, active ingredient, dose rate etc.
- Carbon copy of all records making it ideal to use in a professional environment.

Keep track of your herbicide / fertiliser / pesticide applications with this useful record book. This is a two part carbon copy spray record book which is ideal for all knapsack and boom sprayer applications. It covers all the details including product and active ingredient, dose rate, area, weather and the precautions taken in a professional way.

It is an A5 sized booklet which comprises of 50 job sheets. It is good practice to fill in a record for every single application.

CLIP GLOVES

- Gardening gloves designed for various outdoor winter tasks.
- Nylon creates a comfy fit.
- Latex for excellent grip.
- Nitrile for puncture-resistant structure.
- Dexterous design for tasks requiring precision.
- Carabiner clip for easy attachment to a belt loop or bag for quick access.
- Clip facilitates simple hanging for drying.
- Available in medium and large sizes.

Face those gardening jobs with confidence in the ClipGlove Triple Pack men's gardening gloves. They provide great protection, when working outdoors. The three pairs combine latex, nylon and nitrile for a comfy and grippy design, making them a reliable choice for light-duty gardening.



WARM N WATERPROOF GLOVES

- Winter gardening gloves designed for various outdoor winter tasks.
- Suitable for cold, damp or wet conditions.
- Double-coated with latex for excellent waterproof properties.
- Sandy latex palm coat enhances grip, reducing the risk of slippage and accidents.
- Effective in keeping hands warm in temperatures as low as -20°c.
- 10g acrylic lining ensures optimal comfort and warmth.
- Thumb crotch feature improves grip and durability for long-lasting protection.
- Dexterous design for tasks requiring precision.
- Carabiner clip for easy attachment to a belt loop or bag for quick access.
- Clip facilitates simple hanging for drying.
- Available in small, medium or large sizes.



RECYCLED BOTTLE GLOVES

- Suitable for various garden maintenance and greenkeeping tasks.
- Eco-friendly liner made from 95% recycled bottles.
- Lightweight design for optimal comfort during use.
- Dexterous for precise gardening tasks like sowing.
- Textured latex coating enhances grip in wet and dry conditions.
- Latex coating provides protection from dirt and water, keeping hands clean and comfortable.
- Features a carabiner clip for attaching to a belt loop or bag.
- Carabiner clip facilitates easy hanging for drying.
- Available in small, medium or large sizes.

The Eco-Friendly Gardening Gloves by ClipGlove are a premium and sustainable option for various light to medium-duty gardening activities. Crafted with a comfy and durable lining, comprising 95% recycled polyester, these gloves provide excellent dexterity for precision-demanding tasks.



Landscaping



We stock a wide range of landscaping essentials from renowned brands including top soil, hedge trimmers and digging tools. Whether you are a large scale contractor or a professional maintenance company we have everything you need all in one place.

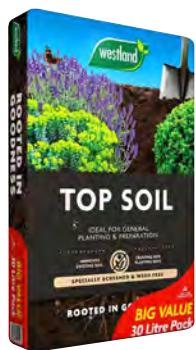
Landscaping and Loam

TOP SOIL

For general planting and lawn preparation

Westland Top Soil is ideal for a high quality finish when creating new beds and borders. It is also perfect for general lawn preparation and repairs, such as levelling lawns, making this top soil a fundamental garden product. No garden shed is complete without it!

Store in a dry frost free place away from weed killers and other garden chemicals.



Also available in 850kg bulk bags

30L 850kg

70/30 TOP DRESSING

Ideal for use after seeding or overseeding areas

Analysis breakdown

70% sand

30% soil

Spreading rate

Light 2kg per m²
Medium 4kg per m²
Heavy 6kg per m²

Pack size coverage

Up to 12.5m²



25kg 1,000kg

This quality 70/30 top dressing contains 70% sand and 30% topsoil. This top dressing can be used in a variety of areas but is particularly suited to sports pitches throughout the year. It can be applied following seeding or overseeding to protect the development of plants and encourage the germination of grass seeds.

GREENS GRADE

Improves moisture and nutrient retention

Analysis breakdown

74% silicon dioxide

11% aluminium oxide

5% iron oxide

Spreading rate

100g per m²

Pack size coverage

Up to 230m²



Profile Emerald Greens Grade is a porous soil amendment used in the construction and maintenance of sports pitches and golf courses. The Profile® Porous Ceramic particles hold moisture and nutrients and provide a balance of air and water pore space to improve drainage.

KETTERING LOAM

Suited for use on cricket pitches and lawns

Analysis breakdown
Over 24% clay



25kg

Boughton Kettering Loam is a well-known product with a great reputation with local authorities and sports pitches. It has been used for many years typically on cricket pitches due to its great results from minimal preparation. It has a typical clay content of over 24% and allows fast grass seed germination.

COUNTY LOAM

Specifically formulated for County Cricket

Analysis breakdown
30-32% clay



25kg

The Boughton County Loam is an essential part of maintaining a good surface at County Cricket level. It contains over 30% clay which gives a firm true pitch and the ability to withstand at least four days of play. This loam is renowned for its free-draining properties that aids easy pitch preparation.

ADVICE CENTRE



Why, when and how to apply turf top dressing



agrigen.co.uk/advice-centre/how-to-guides/lawn-amenity-turf/how-to-use-and-apply-top-dressing/

SUPER SURREY LOAM

Heavy textured cricket loam

Analysis breakdown
28% clay
57% silt
15% sand



25kg

Binder Ongar Surrey loam is a heavy textured cricket loam containing 28% clay, 57% silt, and 15% sand. It is screened to 4mm to ensure excellent and consistent wickets. This balanced loam promotes healthy grass growth, ensuring your pitch looks fantastic and performs just as well.

ONGAR LOAM

Quality cricket loam with high clay content

Analysis breakdown
31% clay
38% silt
31% sand



25kg

Ongar Loam is a cricket test and county quality loam ideal for creating top performing pitches. When rolled under the correct soil conditions, this heavy clay loam provides excellent and consistent wickets. Screened to 4mm, this top dressing is naturally fertile for healthy and luscious grass growth.

KALOAM CRICKET LOAM

Quality cricket loam with high clay content

Analysis breakdown
38% clay
42% silt
20% sand



25kg

Kaloam is a specifically formulated loam for use in cricket. It is hugely popular within the industry and is an important factor for establishing wickets. Kaloam has a distinguishable light brown colour due to the high content of clay, which makes the cricket pitch more durable.

OTHER ESSENTIALS

Other essentials include compost, top soil, landscape bark, gravel, garden pest traps (chafer beetle etc), paints, line markers, hoses, shears, rollers, sweeping brushes, draw hoe's, watering cans and, a range of wheelbarrows in a variety of sizes and colours.





Hard Surface Cleaners

MMC-PRO

Hard surface outdoor cleaner

Active ingredients
didecyldimethyl ammonium chloride propan 2-ol alcohols

Knapsack sprayer rate

1L per 4L of water (Strong) or 1L per 9L of water (weak)

HSE no 7824

Boom sprayer rate
10L per 40L of water (strong) or 10L per 90L of water (weak)

Area covered
Up to 350m²



5L

SAPPHIRE®

Professional hard surface cleaner

Active ingredient
112.5g/L
Didecyldimethyl- ammonium chloride

Knapsack sprayer rate

1L per 20L of water (strong) or 500ml per 20 L of water (weak)

HSE no 10417

Boom sprayer rate
10L per 200L of water (strong) or 5L per 200L of water (weak)

Area covered
Up to 4,000m²



1L 5L 20L

SAPPHIRE® PRO

A multi surface biocide for cleaning hard surfaces

Active ingredient
500g/L
nonanoic acid

Knapsack sprayer rate

1L in 15L of Water
Covers 555m²

Authorisation no
GB-2020-1248-0003
NI-2020-1248-0003

Boom sprayer rate
18L per ha in 250L of water

Area covered
Up to 2,775m²



1L 5L

MMC-Pro is the easiest and most effective way to treat and prevent mould, algae and grime on all hard surfaces. There is no need to scrub or pressure wash, just dilute and apply. This product typically works in 2-4 days (depending on weather), it then continues to prevent regrowth for the following weeks and months.

Sapphire is an easy and effective way to treat and prevent mould, algae and grime on all hard surfaces. There is no need to scrub or pressure wash, just dilute and apply. This product typically works in 2-4 days (depending on weather) and then continues to prevent regrowth.

Sapphire® Pro is a plant origin biocide that delivers curative algaecidal effects on outdoor buildings and building materials, on all hard surfaces (porous and non porous), in green spaces, and on every roof type (except thatched).



Sapphire® PRO

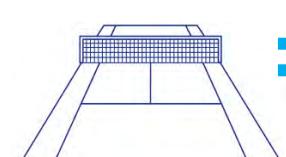


KEY FEATURES

- Contact product effectively visible within two hours.
- Targets weeds around trees and woody shrubs in bare soil areas.
- Maximum of 4 treatments per year.
- For optimum results, use it in bright weather conditions with higher temperatures.

TO COVER 1 TENNIS COURT

4 x 5L MMC Pro
in 180L of water
OR
1 x 5L Sapphire
in 100L of water
OR
1 x 1L Sapphire Pro
in 16L of water



HARD SURFACE BIOCIDE

Sapphire® PRO

An emulsifiable concentrate (EC) containing 500 g/L (53.97% w/w) nonanoic acid

Curtative, diglycidate effects on outdoor buildings and building materials, on all hard surfaces (porous and non-porous) in green spaces, on every roof type (except thatched roof).

INSTRUCTIONS FOR USE

SAPPHIRE® PRO can be used on most building materials, pavements, paving blocks, steel, zinc, aluminium, tiles, bluemen, exterior walls, plastic/glass of greenhouses walls (outside), stone, non-grassed sports courses such as athletic tracks.

Do not apply to synthetic resin, copper, lead or thatched roof surfaces.

For synthetic resin, stainless steel, steel, it is still white layer remains 14 days after treatment, rinse with clean water.

For any other materials than those listed above (including limestone), perform a test on a non-visible corner before extending the application to the entire surface.

Respect the dose of product per square metre, especially on painted surfaces (e.g. plaster). After each treatment, clean the spray equipment by rinsing with water.

Avoid direct or indirect contact with food and feed.

Always read the label or leaflet before use and follow all the instructions provided.

FOR PROFESSIONAL USE ONLY

Authorisation number: GB-2020-1248-0003 / NI-2020-1248-0003

5 Litres e

Read instructions before use

To access the Safety Data Sheet for this product, scan the QR code.



Soil and Leaf Tissue Analyses



Lawn Soil Analysis

Move beyond guesswork to produce a truly healthy, long-lasting, lush lawn. Lawn soil testing is one of the most effective ways to create the perfect foundation for beautiful lawns, revealing the exact levels of macro and micronutrients in your soil, such as phosphorous (P), potassium (K), magnesium (Mg) and potential of hydrogen (pH).

Testing your paddock, pitch or garden soil provides you with crucial information to help you optimise plant health, increase yields, and save money.

Soil testing is a proactive approach that helps you understand the foundation of your growing medium. Whether you're aiming for a perfect lawn, resilient sports turf, or nutritious grazing, it provides a baseline of information about the nutritional properties of your soil.

At Agrigem, we can help you test lawn, paddock and pitch soil, as well as vegetable growing soil. We also offer specialist soil toxic metals testing and leaf tissue analysis. The latter identifies what plants are absorbing from the soil, giving you actionable insights into the plant's nutritional status.

When you undertake a soil test, you will be shown which nutrients are available in the soil and will receive a tailored fertiliser recommendation. There are potential savings to be made by accurately applying the right fertiliser rather than applying a general-purpose fertiliser which can be wasteful.

Balanced soil nutrients lead to healthier, more resilient plants, a thicker and healthier grass sward, and more nutritious grass for grazing (reducing the need for supplementary feed). Well-nourished grass is more robust and reduces the risk of weed and moss infestations during periods of extreme weather.

Leaf Tissue Analysis

Tissue sampling provides an accurate picture of the current nutrient status of a crop at a particular time. It can be used to verify deficiency symptoms and monitor nutrient levels during the growing period to determine if the soil fertility level and applied fertilisers are sufficient to meet the crop requirement. It is also important for the early identification of mineral availability problems for grazing stock.





Paddock Soil Analysis

Complete pasture care starts with the land, and soil testing for paddocks is an essential practice for anyone nurturing pasture for grazing or hay production. Improve the quality of your forage with a tailored fertiliser recommendation that's right for your soil, while reducing the risk of health issues and weed competition.



Toxic Metals Soil Analysis

Toxic metals soil testing goes further than standard soil testing by specifically identifying the presence and concentration of elements that, even in small amounts, can be hazardous. This test will help inform ongoing safe land use by testing for copper, zinc, lead, cadmium, mercury, nickel and chromium, with an option to add in molybdenum, selenium, arsenic and fluoride.



Sports Pitch Soil Analysis

Improve your nutrient management programme with a full understanding of the condition of your sports turf soil. Enable effective, targeted and efficient maintenance, while identifying and correcting pH imbalances, improving soil structure, and enhancing the overall health and vitality of the playing surface.

Vegetable Soil Analysis

Testing vegetable growing soil is a highly effective way to ensure a bountiful and healthy harvest. It takes the guesswork out of growing healthy produce and provides precise information to help you nurture fruits and vegetables from the ground up. Your report will indicate the levels of phosphate, potassium, magnesium, and the soil pH. We can also search for trace elements such as sulphur, zinc, boron, manganese, iron, and copper.





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POWER TOOLS

Transform your outdoor spaces with our premium range of high-performance tools, including scarifiers and hedge trimmers from top brands like Milwaukee, Karcher, Webb, and Handy. Whether you're

looking to rejuvenate your lawn or maintain perfectly trimmed hedges, our tools offer power, precision, and durability to handle any gardening task.

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SWORD



LINE MARKING PAINTS

Φ EXO

EXO BENEFITS:

- Ready to use. Designed to be used neat.
- Suitable for use on grassed areas.
- For use in a wheel to wheel marker.
- Biodegradable and environmentally friendly.



Φ APEX

APEX BENEFITS:

- Formulated for use on grass.
- Bright and colourful lines.
- Excellent weather resistance.
- Fast drying.
- Ready to use - no dilution necessary.



Φ BLAZE

BLAZE BENEFITS:

- A concentrate.
- Initial marking - mix in ratio 1 part paint with up to 3 parts water.
- Over marking - mix in ratio 1 part paint with up to 7 parts water.
- These dilution rates can be varied according to ground and weather conditions.



Φ QUARTZ

QUARTZ BENEFITS:

- A concentrate line marking paint.
- Initial marking - 1 part paint with up to 5 parts water.
- Over-marking - 1 part paint with up to 10 parts water.
- These dilution ratios can be varied according to ground and weather conditions.



For more information about our line paint and the SWORD range please visit swordpaint.com

LINE MARKING MACHINES

HERO

GENESIS

TROJAN

HERCULES

For more information about our machines
and the SWORD range please visit swordpaint.com



DELIVERY AND WAREHOUSING

There are certain restrictions and rules when shipping pesticide products. This depends on the volume, weight, and the harmfulness of the product. All our products are shipped using Limited Quantity and ADR regulated couriers, and comply with all current legislation. Our products are packed securely and are clearly labelled with the product information, quantity, UN numbers, and the class of the product.

Our state-of-the-art specialist warehouses conform to the highest environmental criteria and can store around 400,000 litres of hazardous material and around 2,000 tonnes of fertiliser and seed. All our warehouses comply with current legislation including having BASIS certification for the advice, storage and supply of plant protection products, and FIAS accreditation that ensures the safety, security and traceability of fertilisers throughout the supply chain.

COURIER SHIPPING INCLUDES A NEXT WORKING DAY SERVICE FOR THOSE URGENTLY NEEDED PRODUCTS.

WE SHIP TO ALL PARTS OF THE UK, WITH OUTER AREAS OF THE UK ON A 48-72 HOUR SERVICE.

Large orders will be delivered by lorry on a pallet. When accepting pallet deliveries, there must be a suitable place on hard standing around which the lorry can unload the pallet.

Please make us aware of any delivery restrictions when ordering - for example, restrictions on vehicle sizes, access challenges, or specific unloading requirements (including whether you require unloading facilities). When we have this information, we can ensure the appropriately sized vehicle with the relevant unloading equipment is provided. By default, all pallet orders are delivered by 18-26T Rigid HGVs with a tail lift.

Please see our website for full terms and conditions and detailed delivery information.



CLICK & COLLECT

It is now possible to order online using our Click and Collect service.

This allows you to collect direct from our warehouse on the same day for all orders made before 1pm.

Please note click and collect is only available from our Lincoln warehouse (LN1 2FU).





Order Management System

Get great trade prices and terms whenever it suits you



Register for a trade account and order online 24/7 via our Trade Portal:

ordergem.co.uk

Resellers can register for a wholesale account and use our portal to place orders for drop shipping.

Whatever your trade needs, once registered, you will be assigned a dedicated account manager who you can contact direct for information and queries.

TRADE ACCOUNTS

TRADE ACCOUNT BENEFITS:

- Discounted prices available only to trade
- Dedicated account manager
- Automatic order processing with website or PO system portal integration
- Next day delivery available on 1000's of items
- Technical product updates
- Manage your account online
- Easy repeat ordering

TRADE ACCOUNT PAY MONTHLY:

- Regular monthly invoicing
- Individual pricing
- Set pricing structure

TRADE ACCOUNT PAY-AS-YOU-GO:

- Invoice and payment on order
- Individual pricing
- Set pricing structure

QUESTIONS ABOUT TRADE ACCOUNTS?

Please get in touch with our team today, email sales@agrigen.co.uk or call 01522 246491

PRODUCT COMPARISON TABLES

HERBICIDES

Amenity Grassland and Lawn

	Depitox	Enforcer	High Load Mircam	Praxys	Turfmaster / Mircam Plus	Nutrigrow FWMK	Thrust	Compitox Plus	Renovator Pro	Cleanrun Pro
Buttercup	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Clover	2/3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Daisy	1/2	1/2	3/4	3/4	3/4	3/4	1/2	1/2	3/4	3/4
Dandelion	3/4	3/4	3/4	3/4	3/4	3/4	3/4	1/2	1/2	3/4
Dock	2/3	3/4	2/3	2/3	3/4	2/3	3/4	3/4	1/2	3/4
Plantain	3/4	1/2	3/4	3/4	3/4	1/2	3/4	1/2		3/4
Ragwort	2/3	1/2	2/3	1/2	3/4	1/2	3/4			
Self Heal	2/3	3/4	2/3	3/4	3/4	1/2	3/4	1/2		1/2
Speedwell	1/2	3/4	2/3	3/4	2/3	2/3		1/2		1/2
Thistle	3/4	1/2	3/4	3/4	3/4	1/2	3/4			1/2
Moss						3/4			3/4	
Coverage per pack up to	40,000m ²	6,000m ²	40,000m ²	20,000m ²	20,000m ²	625m ²	14,000m ²	40,000m ²	714m ²	714m ²
Pack Size	5L or 10L	5L	5L	2L	10L	5kg or 20kg	5L	10L	25kg	25kg

For more information on the range please see pages 5-6

HERBICIDES

Invasive Weeds

	Diamond	Ecoplug Max	I-Cade	Roundup Pro Vantage	Synero	Clinic Hi-load	Gallup Hi-Aktive
Bracken	2/3			3/4		3/4	3/4
Bramble	3/4			3/4	3/4	3/4	3/4
Ground Elder	3/4		3/4	3/4	3/4	3/4	3/4
Himalayan Balsam	3/4		3/4	3/4	3/4	3/4	3/4
Ivy	3/4		1/2	3/4	1/2	3/4	3/4
Japanese Knotweed	2/3		2/3	3/4	3/4	3/4	3/4
Marestail	3/4		1/2	1/2	3/4	1/2	1/2
Ragwort	3/4		3/4	3/4	3/4	3/4	3/4
Tree Stumps and Saplings	1/2	3/4	2/3	3/4	3/4	3/4	3/4
Safe to Grass	No	Yes	Yes	No	Yes	No	No
Safe Near Water	No	Yes	No	Yes	No	No	No
Safe for Stem Injection	No	No	No	Yes	No	Yes	Yes
Spray Type	BS	N/A	BS+KS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	1L or 5L	100 plugs	1L	5L	3L	5L or 15L	5L

For more information on the range please see pages 7-9

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

HERBICIDES

Trees and Ornamentals

	Devrinol	Falcon	Flexidor	Gem Granules	Kerb Flo	Propz	Shark	Sultan	Laser
Grass Weeds	leaf	leaf		leaf	leaf	leaf		leaf	leaf
Broad Leaved Weeds	leaf		leaf	leaf	leaf	leaf	leaf	leaf	leaf
Safe Around Trees	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Safe Around Shrubs	Yes	Some	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Safe Around Fruit Trees	Some	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Use in Forestry and Woodland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conifer Safe	No	Yes	Yes	Yes	Yes	Yes	Yes	Some	No
Long Lasting	leaf	No	leaf	leaf	leaf	leaf	No	leaf	No
Spray Type	BS+KS	BS+KS	BS+KS	Spread	BS+KS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	5L	1L or 5L	500ml	1kg or 5kg	5L	1L, 5L or 10L	1L or 5L	5L	5L

For more information on the range please see pages 10-11

HERBICIDES

Paddock and Pasture

	Agitox	Doxstar Pro	Envy	Grazon Pro	Hurter	Pas Tor	Polo	ThistleX	Thrust	Shield Pro	Squire Ultra	Leystar
Bramble	leaf	leaf		leaf	leaf	leaf	leaf				leaf	
Buttercup	leaf		leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Clover	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf		leaf
Dandelion	leaf		leaf	leaf	leaf	leaf	leaf		leaf	leaf		leaf
Dock	leaf	leaf	leaf	leaf	leaf	leaf	leaf		leaf	leaf	leaf	leaf
Gorse	leaf	leaf	leaf	leaf		leaf	leaf		leaf			leaf
Nettle	leaf		leaf	leaf	leaf	leaf	leaf		leaf	leaf	leaf	leaf
Ragwort	leaf		leaf	leaf		leaf	leaf		leaf	leaf	leaf	leaf
Soft Rush	leaf		leaf	leaf		leaf	leaf		leaf	leaf	leaf	leaf
Sycamore	leaf	leaf	leaf	leaf				leaf	leaf	leaf	leaf	leaf
Thistle	leaf		leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Use on New Grass	No	No	Yes	No	Yes	No	No	No	No	No	No	No
Spray Type	BS	BS	BS+KS	KS	BS+KS	BS	BS	BS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	10L	2L	3L	1L	1L or 5L	2L+2L	10L	3L	5L	2L	120g	2L
For use in equine grazing	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No

For more information on the range please see pages 12-18

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

HERBICIDES

Total and Long Lasting

	Chikara	Diamond	Valdor Flex	Clinic Hi Load	Roundup Pro Active	Roundup Pro Vantage	Roundup GL	Monsanto XL
Grass Weeds	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Light Weed Growth	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Tough Woody Weeds		leaf		leaf	leaf	leaf	leaf	leaf
Stem Injection	No	No	No	Yes	Yes	Yes	Yes	Yes
Long Lasting	leaf	No	leaf	No	No	No	No	No
Safe Near Water	No	No	No	No	Yes	Yes	Yes	No
Spray Type	BS+KS	BS	BS+KS	KS+BS	BS+KS	BS+KS	BS+KS	KS+BS
Pack Size	50g or 150g	1L or 5L	500g	5L or 15L	1L or 5L	5L	20L	5L

	Bronco	Finalsan	New Way	Katoun Gold	Gallup Hi-Aktiv	Gallup HandG	Rosate 360	Gallup Biograde
Grass Weeds	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Light Weed Growth	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Tough Woody Weeds	leaf	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Stem Injection	Yes	No	No	No	Yes	Yes	Yes	Yes
Long Lasting	No	No	No	No	No	No	No	No
Safe Near Water	No	Yes	Yes	Yes	No	No	No	Yes
Spray Type	KS+BS	KS+BS	KS+BS	KS+BS	KS+BS	KS+BS	KS+BS	KS+BS
Pack Size	5L or 20L	10L	5L	5L	5L	1L	1L or 5L	5L or 20L

For more information on the range please see pages 19-23

HERBICIDES

Aquatic

	Blue Pond Dye	Pond Weed Inhibitor	Roundup Pro Active	Clear Water Pro
Grass Weeds			leaf	
Light Weed Growth			leaf	
Tough Woody Weeds			leaf	
Floating Weeds	No	No	Yes	No
Algae	Yes	Yes	No	Yes
Submerged Weeds	Yes	Yes	No	Yes
Spray Type	Pour in Liquid	Water Soluble Sachet	BS+KS	Water Soluble Sachet
Pack Size	1L	200g	5L	250g

For more information on the range please see pages 24

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

MOSS CONTROL

Hard Surfaces

	New Way	Katoun Gold	Mosskade	Finalsan
Moss	4 leaf icon	3 leaf icon	4 leaf icon	4 leaf icon
Cleaner	No	No	No	No
Weeds	Yes	Yes	Yes	Yes
Safe grass	No	No	No	No
Liverwort control	No	No	Yes	No
Pack Size	5L	5L	1L or 5L	10L
Coverage	200m ²	2,200m ²	250m ²	588m ²

For more information on the range please see pages 25

FUNGICIDES

Sports Turf and Lawn

	Abzorb	Instrata Elite	Medallion	Qualibra	Plazma
Anthracnose		2 leaf icon	2 leaf icon		3 leaf icon
Fusarium Patch		4 leaf icon	4 leaf icon		4 leaf icon
Rust		1 leaf icon			4 leaf icon
Red Thread					4 leaf icon
Dollar Spot		4 leaf icon			2 leaf icon
Dry Patch	4 leaf icon			4 leaf icon	2 leaf icon
Fairy Ring	4 leaf icon			4 leaf icon	2 leaf icon
Spray Type	BS+KS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	1L or 10L	3L	1L or 3L	10L	1L or 10L

For more information on the range please see pages 26-29

PEST CONTROL AND INSECTICIDES

Sports Turf and Lawn

	Casting	Turfgard	Acelepryn	Sven	Elemental Sulphur
Ants				2 leaf icon	
Bibionid Larvae		2 leaf icon		4 leaf icon	
Leather Jackets		2 leaf icon	4 leaf icon		
Chafer Grubs		2 leaf icon	4 leaf icon		
Worm Cast	4 leaf icon				4 leaf icon
Plant Parasitic Nematodes		2 leaf icon			
Spray Type	BS+KS	BS+KS	BS+KS	BS+KS	Spread
Pack Size	10L	5L	600ml or 3L	1L	25kg

For more information on the range please see pages 30-31

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

FUNGICIDES

Trees and Ornamentals

	Subdue	Nimrod	Scala	Promess	SB Plant Invigorator	Serenade	Signum	Switch	Amistar
Powdery Mildew	leaf	leaf leaf			leaf leaf	leaf leaf	leaf leaf		leaf leaf
Downy Mildew	leaf leaf			leaf leaf		leaf			leaf leaf
Rust							leaf leaf		leaf leaf
White Rust							leaf leaf		leaf leaf
Scab			leaf leaf		leaf leaf			leaf	
Leaf Blotch							leaf leaf	leaf	
Alternaria Leaf Blight	leaf								
Protectant or curative	Protectant	Both	Protectant	Protectant	Curative	Protectant	Protectant	Protectant	Protectant
Approved on veg	Yes	Some	No	Some	Yes	Yes	Some	Some	Yes
Approved on ornamental plants	Yes	Yes	No	Some	Yes	Yes	Yes	Yes	Yes
Approved on fruit	Yes	Yes	Yes	No	Yes	Yes	Some	Some	Yes
Approved in forestry	Yes	No	No	Some	Yes	Yes	Some	Yes	Yes
Spray Type	SD	BS+KS	BS+KS	SD	BS+KS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	250ml	1L	5L	1L	1L or 5L	10L	2.5kg	1kg	5L

For more information on the range please see pages 32-33

MOSS CONTROL

Sports Turf and Lawn

	Ferro-Gem	Nutrigrow FWMK	Nitro-Fe	Nitro-Gem	Maxicrop Lawn Tonic	High-Fe	Iron Sulphate
Moss	leaf leaf*	leaf leaf	leaf leaf*	leaf leaf*	leaf	leaf leaf*	leaf leaf*
Fertilises Grass	leaf	leaf	leaf	leaf	leaf	leaf	leaf
Greens Up Grass	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Use in Paddocks	Yes	No	Yes	Yes	No	Yes	Yes
Use in Sports Turf	Yes	Yes	Yes	Yes	No	Yes	Yes
Use in Lawns	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Controls Weeds	No	Yes	No	No	No	No	No
Coverage	10,000m ²	625m ²	1-2ha 10,000- 20,000m ²	350m ²	350m ²	500m ²	25,000m ²
Spray Type	BS+KS	Spread	BS+KS	BS+KS	BS+KS	Spread	BS+KS
Pack Size	10L or 20L	5kg or 20kg	20L	10L	10L	20kg	25kg

For more information on the range please see pages 43-44

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

* Moss control may be incidental

PEST CONTROL

Trees and Ornamentals

	Apollo	Decis	Dipel DF	Grazers	Hallmark Zeon	Movento	Pyrethrum
Aphids	leaf	leaf leaf leaf			leaf leaf leaf	leaf leaf leaf	leaf leaf leaf
Beetles	leaf leaf	leaf leaf			leaf leaf		leaf
Birds and Mammal Deterrent				leaf leaf leaf			
Blackfly		leaf leaf				leaf leaf	leaf leaf
Caterpillar		leaf leaf leaf	leaf leaf leaf		leaf leaf		leaf leaf
Cutworm					leaf leaf		
Greenfly	leaf	leaf leaf			leaf leaf	leaf leaf	leaf leaf
Spider Mite	leaf leaf leaf						leaf
Weevil		leaf leaf			leaf leaf leaf		leaf leaf
Thrips							
Slugs and Snails							
Vine Weevil							
White Fly						leaf leaf	leaf leaf
Spray Type	BS+KS	SD	BS+KS	BS+KS	BS+KS	BS+KS	BS+KS
Pack Size	1L	1L	500g	1L	1L	1L	1L

	Sluxx	Sven	Borneo	Dynamec	Eradiccoat Max	Tracer	Silvanus
Aphids		leaf leaf leaf		leaf			leaf
Beetles				leaf			leaf
Birds and Mammal Deterrent							leaf
Blackfly		leaf leaf					leaf
Caterpillar						leaf leaf	leaf
Cutworm							leaf
Greenfly							leaf
Spider Mite		leaf leaf	leaf leaf	leaf leaf	leaf leaf		leaf
Weevil							leaf
Thrips				leaf leaf		leaf leaf	leaf
Slugs and Snails	leaf leaf						leaf
Vine Weevil							leaf
White Fly				leaf leaf	leaf leaf		leaf
Pine Weevil	Spread						leaf
Spray Type	BS+KS	BS+KS	BS	BS+KS	BS+KS	BS	BS+KS
Pack Size	20kg	1L	250ml	250ml	10L	500ml	5L

For more information on the range please see pages 34-38

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

GRANULAR FERTILISER

	Analysis	Longevity	Granule Type	Granule Size	Pack Size	Area of Use
No N	0-24-24	4-6 weeks	Blend	Maxi	20kg/600kg	  
Autumn Lawn	3-12-12	4-6 weeks	Compound	Maxi	20kg	 
High-Fe	4-0-4+9Fe	4-6 weeks	Compound	Mini	20kg	 
High K	5-3-20+1Fe	4-6 weeks	Compound	Mini	20kg	  
Rose	5-5-10	6-8 weeks	Blend	Maxi	20kg	
Thomas Elliotts	5-7-10+Te	4-6 weeks	Compound	Powder	25kg	
MossTop	6-5-10+6Fe	4-6 weeks	Compound	Mini	20kg	   
Pre Seeder	6-9-6	4-6 weeks	Blend	Maxi	20kg	  
Growmore	7-7-7	4-6 weeks	Blend	Maxi	20kg	
Phos Mag	8-19-10+5Mg	4-6 weeks	Blend	Maxi	20kg	 
Spring Lawn	9-7-7	4-6 weeks	Compound	Mini	20kg	 
Spring Rise	10-4-4+Te	4-6 weeks	Compound	Mini	20kg	  
High-Phosphate	10-15-10	4-6 weeks	Compound	Maxi	20kg	   
No-Phosphate	12-0-9	6-8 weeks	Compound	Mini	20kg	 
Triple Sixteen	16-16-16	4-6 weeks	Blend	Maxi	20kg/600kg	 
Phased Release	18-3.5-8+Te	12-16 weeks	Compound	Mini	20kg	   
Nutrigrow CRF	20-0-15+4Ca+2Mg	12-18 weeks	Compound	Mini	20kg/1000kg	 
Twenty Ten Ten	20-10-10	4-6 weeks	Blend	Maxi	20kg/600kg	 
Mycro Stress Defender	10-0-4	4-6 weeks	Compound	Mini	20kg	 
Nutrigrow FWMK	10-2-2+8Fe	4-6 weeks	Blend	Mini	5kg/20kg	 
Prolong	20-4-20+Te	12-16 weeks	Compound	Maxi	20kg	  
Prolong	46-0-0	12-16 weeks	Compound	Maxi	20kg	  
Bonemeal	3.5-18.5-0	4-6 weeks	Organic	Powder	25kg	
Blood Fish and Bone	5-5-6.5	4-6 weeks	Organic	Powder	25kg	
Kieserite	25% Magnesium	4-6 weeks	Organic	Powder	20kg	   
Granulated Lime	95% CaCO ³ +3.5% MgCO ³	4-6 weeks	Blend	Mini	20kg/600kg	   
Granulated Sulphur	90% Sulphur, 10% Clay	4-6 weeks	Blend	Mini	25kg/600kg	   
Autumn Pro	3-0-12+6CaO+2MgO+8Fe	4-6 weeks.	Compound	Mini	20kg	 
Pre Seeder Pro	8-12-8+12CaO+3MgO+0.35Zn	4-6 weeks	Compound	Mini	20kg	 
Turf Hardener Pro	3-0-3+15CaO+2.5MgO+4Fe	4-6 weeks	Compound	Mini	20kg	 
Turf Tonic Pro	9-0-0+11Fe	4-6 weeks	Compound	Mini	20kg	 
N-Boost Pro	15-5-5+2CaO+0.1Cu+0.1Mn+0.3Zn plus amino acid complex	12 weeks	Compound	Mini	20kg	 
Starter Pro	15-5-5+2CaO+0.1Cu+0.1Mn+0.3Zn plus amino acid complex	12 weeks	Compound	Mini	20kg	 
K-Mag	5-5-15	12 weeks	Compound	Mini	20kg	 

For more information on the range please see pages 45-48

SOLUBLE FERTILISER

	Analysis	Longevity	When to Use	Results Visible	Pack Size	Area of Use
Iron Sulphate	19% Ferrous Sulphate	4-6 weeks	All year round	0-2 Days	25kg	
Urea	46-0-0	8-12 weeks	All year round	0-2 Days	25kg	
Outfield	12-8-8+3.3Mg	4 weeks	Spring-Summer	0-2 Days	25kg	
Revive	15-5-30+TE	4 weeks	Spring-Summer	0-2 Days	25kg	
Triple 18	18-18-18 + TE	4 weeks	Spring-Summer	0-2 Days	25kg	
Low N	7.5-12-36+TE	4 weeks	Spring-Summer	0-2 Days	25kg	
Magnesium Sulphate	16% MgO ³ 32% SO ³	4 weeks	All year round	0-2 Days	25kg	
Potassium Sulphate	52.5% NO ³ 45% SO ³	4 weeks	All year round	0-2 Days	25kg	
Potassium Nitrate	13.5% NO ³ 46% K ² O	4 weeks	All year round	0-2 Days	25kg	
Magnesium Nitrate	11% NO ³ 15.5% MgO ³	4 weeks	All year round	0-2 Days	25kg	

For more information on the range please see pages 53-54

LIQUID FERTILISER

	Analysis	Longevity	When to Use	Results Visible	Pack Size	Area of Use
Autumn Gem	4-2-16	4-6 weeks	Sept-Mar	7 Days	10L	
Ferti Gem	14-7-7	4-6 weeks	Feb-Oct	14 Days	10L or 20L	
Hort Booster	Amino Acid + TE	6 weeks	Mar-Sept	10 Days	10L	
Mag-Sul	6.8% Mg + 13.3% S	4-6 weeks	All Year	7 Days	5L or 20L	
Man-Sul	15% Mn + 24% S	4-6 weeks	All Year	7 days	5L or 20L	
Nitro-Sul	12% N + 26% S	4-6 weeks	Mar-Sept	10 Days	10L or 20L	
Nitro-Fe	20% N + 6% Fe	4-6 weeks	Mar-Sept	1-2 Days	20L	
Nutri-Gem	15-15-15 + TE	4-6 weeks	All Year	48 Hours	5L or 10L	
Phyter	0-28-19	4-6 weeks	All Year	7 Days	5L	
Slow-N	28-0-0	8-10 weeks	Mar-Sept	14 Days	5L or 10L	
Spring Gem	14-3-10	4-6 weeks	Feb-Sept	7 Days	10L	
Sward Booster	Amino Acid + TE	6 weeks	Mar-Sept	10 Days	10L	
Tonivit	GA142 Seaweed Filtrate + P2O5 + K2O + Cu 4-6 weeks	4-6 weeks	New Grass	7 Days	10L	
Trace El	Mg, S, Fe, Zn, Mn, B, Cu and Mo	4-6 weeks	All Year	7 Days	5L	
Kelpack	Hormones, Amino Acids and Vitamins	4-6 weeks	Apr-Oct	7 Days	5L	
Liquid Copper	435g/L Copper Oxychloride	4-6 weeks	All Year Round	7 Days	5L	
Calmax Turf	10% Nitrogen, 15% Calcium + TE	4-6 weeks	All Year Round	7 Days	5L	
Double Edge	2% Nitrogen, Seaweed and Amino Acids	4-6 weeks	All Year Round	7 Days	5L	

For more information on the range please see pages 55-57

SPRAY ENHancers

Key for spray types

BS = Boom Sprayer • KS = Knapsack Sprayer • SD = Soil Drench

	Anti-Drift	Anti-Foam	Bout Marker	Herbicide Enhancer	Fungicide Enhancer	Spray Indicator	Tank Cleaner	Water Softener	Pack Size
All Clear Extra							✓		5L
Activate G				✓				✓	1L or 5L
Activator 90	✓			✓					1L or 5L
Blue Gem						✓			1L
Foam-Go		✓							1L
Phase II	✓			✓					5L
Ruby					✓				1L or 5L
Tank and Equipment Cleaner							✓		500g
Trail Tracks				✓					3L
X-Change		✓						✓	5L

For more information on the range please see pages 65-67

FERTILISER BREAKDOWNS

Product	Total Nitrogen (N)	Nitrate Nitrogen (N-NO ₃)	Ammoniacal Nitrogen (N-NH ₄)	Ureic Nitrogen (CH ₄ -N ₂ O)	Phosphorus Pentoxide (P ₂ O ₅)	Phosphorous (P)	Potassium Oxide (K ₂ O)	Potassium (K)	Magnesium Oxide (MgO)	Magnesium (Mg)	Iron (Fe)	Other
Blood, Fish and Bone	5	0	4	1	5	2.2	6	5	0	0	0	
Bonemeal	3.5	0	0	3.5	18.5	8.3	0	0	0	0	0	
Greenmaster Pro-Lite Cold Start	11	0	5.6	5.4	5	2.2	5	4.1	0	0	8	
Greenmaster Pro-Lite Invigorator Plus	4	0	4	0	0	0	8	6.6	3.3	2	4	
Iron Sulphate	0	0	0	0	0	0	0	0	0	0	20.5	28.7% Sulphur SO ₃ (11.5% S)
Nova Calcium Nitrate	15.5	14.5	1.1	0	0	0	0	0	0	0	0	26.3% CaO (18.9% Ca)
Nova Magnesium Nitrate	11	11	0	0	0	0	0	0	15.5	9.3	0	
Nova Mag-Sul	0	0	0	0	0	0	0	0	16	9.6		32% SO ₃ (12.8% S)
Nova Potassium Nitrate	13.5	13.5	0	0	0	0	46	38.2	0	0	0	
Nova Potassium Sulphate	0	0	0	0	0	0	50	41.5	0	0	0	46% SO ₃ (18.4% S)
Nutrigrow Autumn Lawn	3	0	3	0	12	5.3	12	10	0	0	0	
Nutrigrow Flower and Veg	5.3	0.2	3.7	1.4	7.5	3.3	10	8.3	1.7	1	0	6.45% S, 0.1001% Zn, 0.008% Mo, 0.002% Mn, 0.10% Fe, 0.013% Cu and 0.015% B
Nutrigrow Growmore	7	2.1	4.9	0	7	3.1	7	5.8	0	0	0	
Nutrigrow High Fe	4	0	4	0	0	0	4	3.3	0	0	9	
Nutrigrow High K	5	0	3.6	1.4	0	0	29	24.1	2.5	1.5	4	
Nutrigrow High-Phosphate	10	0	10	0	15	6.5	10	8.3	0	0	0	
Nutrigrow Low-N	7.5	7.5	0	0	12	5.2	36	29.9	4.5	2.7	0	6% Sulphur SO ₃ (2.4% S)
Nutrigrow MossTop	6	0	6	0	5	2.2	10	8.3	0	0	6	
Nutrigrow No-N	0	0	0	0	24	10.5	24	19.9	0	0	0	
Nutrigrow No-Phosphate	12	0	12	0	0	0	9	7.5	0	0	0.5	
Nutrigrow Outfield	12	0	12	0	8	3.5	8	6.64	3.3	3	0	5% Sulphur (SO ₃)
Nutrigrow Paddock 20-10-10	20	9.5	10.5	0	10	4.4	10	8.3	0	0	0	
Nutrigrow Phased Release	18	0	10.3	7.7	3.5	1.5	8	6.6	1	0.6	0	
Nutrigrow Phos-Mag	8	0.3	7.7	0	19	8.3	10	8.3	5	3	0	
Nutrigrow Pre-Seeder	6	0	6	0	9	3.6	6	5	0	0	0	
Nutrigrow Revive	15	8.5	1	5.5	5	2.2	30	24.9	3	1.8	0	6% Sulphur SO ₃ (2.4% S)
Nutrigrow Rose Fertiliser	5	2.2	2.8	0	5	2.2	10	8.3	2	1.2	0	4% SO ₃ (1.6% S)
Nutrigrow Spring Lawn	9	0	9	0	7	3.1	7	5.8	0	0	0	
Nutrigrow Spring Rise	10	2.2	6.9	0.9	4	1.7	4	3.3	4	2.4	3	8% Calcium
Nutrigrow Triple-16	16	6.2	9.8	0	16	7	16	13.3	0	0	0	
Nutrigrow Triple-18	18	5	5	8	18	9.7	18	14.9	1.6	0	0.15	0.1% Manganese, 0.03% Boron, 0.027% Zinc, 0.02% Copper and 0.013% Molybdenum
Nutrigrow Weed Feed and Moss Killer	10	0	8.6	1.4	2	0.9	2	1.7	0	0	8	
Nutrigrow Pro Autumn Pro	3	0	3	0	0	0	12	9.96	2	1.21	0	10% Calcium, 2% Magnesium, 8% Iron
Nutrigrow Pro Pre Seeder Pro	8	0	8	0	12	5.24	8	6.64	3	1.81	0	12% Calcium, 3% Magnesium, 3.5% Zinc
Nutrigrow Pro Turf Hardener Pro	3	0	1.4	1.6	0	0	3	2.49	2.5	1.51	0	15% Calcium, 2.5% Magnesium, 4% Iron
Nutrigrow Pro Turf Tonic Pro	9	0	7.6	1.4	0	0	0	0	0	0	0	4% Calcium, 11% Iron
Nutrigrow Pro N-Boost Pro	5	0	6	9	5	2.18	5	4.15	0	0	0	4% Calcium, 2% Magnesium, 15% Sulphur trioxide with amino acids
Nutrigrow Pro Starter Pro	10	0	6	4	20	8.73	5	4.15	0	0	0	2CaO+0.1Cu+0.1Mn+0.3Zn with amino acids
ProloNg Slow Release	18	0	1.4	16.6	6	2.6	18	14.9	1.5	0	0	3% Calcium, 8% Sulphur
ProloNg Slow Release Nitrogen	46	0	0	46	0	0	0	0	0	0	0	
Sportsmaster 4-12-12	4	0	4	0	12	5.2	12	10	0	0	0	
Sportsmaster 9-7-7	9	0	9	0	7	3	7	5.8	0	0	0	
Sportsmaster Cleanrun Pro	14	0	5.8	8.2	0	0	5	4.1	0	0	0	
Sportsmaster Renovator Pro	14	0	10.9	3.1	0	0	5	4.1	0	0	6	
Urea	46	0	0	46	0	0	0	0	0	0	0	

PA1 and PA6A Training Course



Dates: (Times and dates to be confirmed)

Course Criteria:

Each course will be carried out for multiples of 8no. operatives. If this can't be met by a single park, Agrigem can assist with creating a course using multiple parks or other operatives from our customer portfolio.

Course Programme:

Day One - PA1

Day Two - PA1 Revision, PA1 Online Assessment
Start PA6A

Day Three - PA6A

Assessments:

PA1 - Online Assessment held on site on day two of the training course. 33 Multiple choice questions to be completed in one hour.

PA6A - The Practical assessment is approximately two hours, carried out by an NPTC Assessor on a one-to-one Basis.

Course Pre-requisites and Equipment required to bring to the training:

PA1 - Pen, Lunch, Photographic Identification for the assessment e.g., **Passport, Driving Licence, gloves for the online assessment.**

PA6A - Appropriate Personal Protective Equipment (PPE), Coveralls, Rubber Boots, Gloves, Face shield, (Please see PPE Package if required), Measuring jug, Tape Measure (30m), Markers, Calculator, Knapsack Sprayer (Clean and serviceable) Knapsack sprayers will be available for training, you are required to have your own sprayer for the assessment. Appropriate outdoor clothing (Training still takes place in all weather conditions.

Course Content PA1:

- Know the legislative requirements and codes of practice relating to the use of pesticides
- Understand the relevance of product information.
- Know how to minimise the risk of human contamination and implement emergency procedures
- Know how to store and transport pesticides safely.
- Know how to manage and dispose of surplus pesticide and waste materials.
- Know the record keeping requirements.
- Know how to minimise the risk of environmental contamination and implement emergency procedures.

PA6A:

- Know the legislative and safety regulations relating to applicator use.
- Be able to assess the environmental factors relating to mixing and application.
- Be able to read and interpret product information.
- Be able to prepare and calibrate a hand-held pedestrian applicator.
- Be able to operate the application equipment.
- Know how to carry out post-operational procedures.

PA1 - <https://www.nptc.org.uk/assets/documents/ee2499867db446fba35f0d2eacd38031.pdf>

PA6A - <https://www.nptc.org.uk/assets/>

As many operatives are new to the industry, they don't necessarily have the correct equipment and PPE to carry out the training, we have therefore put together a package which can be delivered to site prior to the training taking place, which consists of everything required for the training, and grounds maintenance works when back on site.

The package includes the following products:

- Matabi Evolution 16ltr Knapsack
- Chemical Spill Kit
- 2no. 1050mm x 750mm Spraying in Progress Signs.
- Coveralls x 2
- Full Length Wellington Boots (please confirm size when ordering)
- Chemical Resistant Spray Gloves
- Faceshield
- 50m Tape Measure
- Measuring Jug
- Bucket
- Calculator, Pen, Note Pad



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