



PHOENIX CHEMICALS

To enable you to keep and maintain the desired appearance of our environment, we at Phoenix Amenity are able to offer a comprehensive range of both herbicides and pesticides from some of the countries leading manufacturers. If you have a problem that needs solving or a product you require that is not shown in this section then please enquire.

TOTAL WEEDKILLERS

Where mulches or weed mats are not used, herbicides offer a cost effective alternative for controlling weeds. The Forest Enterprise (Forestry Commission) advice and trials show that keeping the base of plantings clean during the first three years dramatically improves survival, establishment and growth. Grass weeds are the most damaging in robbing moisture and nutrients and should be given special attention.

| Weedkiller | Unit Size | App Rate per HA | Active Ingredient |
|------------|-----------|-----------------|-------------------|
|------------|-----------|-----------------|-------------------|

| | | | |
|--------------------|-------|-------|------------|
| AMENITY GLYPHOSATE | 5 LTS | 5 LTS | Glyphosate |
|--------------------|-------|-------|------------|

A foliar applied herbicide for the control of annual and perennial grasses and broad-leaved weeds in amenity, industrial and aquatic areas. Contains 360g/lit glyphosate – Not Biactive or Hazard Free.

| | | | |
|----------------------|-------|-------|------------|
| ROUND-UP PROBIACTIVE | 5 LTS | 5 LTS | Glyphosate |
|----------------------|-------|-------|------------|

A foliar applied herbicide for the control of annual and perennial grasses and broad-leaved weeds in amenity, industrial and aquatic areas. Contains 360g/lit glyphosate in ProBiactive Hazard Free formulation.

| | | | |
|----------------------------|-------|-------|------------|
| ROUND-UP PROBIACTIVE "450" | 5 LTS | 4 LTS | Glyphosate |
|----------------------------|-------|-------|------------|

Responding to the amenity market's pressing need for maximum weed control efficacy, economy and ease of use, Monsanto presents new high-load Roundup ProBiactive 450. This standard setting herbicide delivers all the performance benefits that have made Roundup ProBiactive the choice of professionals across the UK in addition, the new product contains 25% more glyphosate by volume than its predecessor. As a result, each can of Roundup ProBiactive 450 will treat a significantly greater area, ensuring outstanding economy and reducing storage and handling demands.





Weedkiller

Unit
Size

App Rate
per HA

Active
Ingredient

RONSTAR LIQUID

1 LTS

4-8 LTS

Oxadiazon

A non-systemic contact plus residual action herbicide which controls a wide range of problem annual weeds including black bindweed, groundsel, cleavers knotgrass, speedwell, mayweeds, shepherds purse, fat-hen, redshank and annual meadow grass. Approved for shrubs and trees in new or established plantings, it will give several months control from spring and summer germination weeds.



PISTOL

5 LTS

4.5 LTS

Glyphosate &
Diflufenican

A New Premium Total Herbicide

- For use on gravel and soft surfaces.
- Rainfast within 1 hour
- Highly effective, proven new chemistry.
- Prevents germination for up to 6 months.
- Classified as Non- Hazard/Non-Irritant to the operator.
- Knockdown, translocated and barrier activity, even on diuron resistant weeds.
- Very fast effects seen 8-10 days after application (for both narrow and broad leaved weeds).

Application rate: 4.5 cl of Pistol will treat 10,000 square metres of ground and can be applied conventionally in CDA 'Mixers' at low volume (15 lt/Ha)



FINALE

5 LTS 5 LTS

GLUFOSINATE-AMMONIUM



Finale is a non-selective herbicide. It controls grasses and broad-leaved weeds. Use for weed control around non-edible ornamental crops including trees and shrubs and in tree nurseries. May be used to 'burn-off' weeds in shrub beds prior to treatment with residual herbicide. Use for preparing sports-turf for line marking.

SELECTIVE WEEDKILLERS



| Weedkiller | Unit Size | App Rate per HA | Active Ingredient |
|------------|-----------|-----------------|-------------------|
|------------|-----------|-----------------|-------------------|

PHOENIX TRIPLE SELECTIVE

5 LTS 5 LTS

A wide spectrum of selective herbicide with a low application rate. Effective on all common turf weeds with the exception of speedwell.

SPEARHEAD

DFP.Clopyralid & MCPA

Spearhead is a herbicide from BAYER incorporating chemistry new to the amenity industry. It gives broad spectrum weed control yet is safe to apply on newly sown grass from six weeks after germination. (For most other herbicides this is three to six months.) Five lts treats 10,000 m.

TRICLE

1&5 LTS 2-8 LTS

Triclopyr

Tricle is a scrub, brush and woody weed control chemical that does not harm established grass cover. Tricle can also be used as a cut-stump treatment to prevent re-growth of trees following felling or pruning. It is important for conservation to leave a grass habitat for wildlife and also to prevent erosion, Tricle does not harm the grass and can therefore be used with confidence in these situations.





| Weedkiller | Unit Size | App Rate per HA | Active Ingredient |
|----------------|-----------|-----------------|------------------------|
| BLASTER | 1 LT | 2-4 LTS | Triclopyr & clopyralid |

A foliar acting herbicide for the control of perennial broad-leaved weeds including NETTLES, DOCKS, THISTLES, BRAMBLES, BROOM and GORSE in established grassland and amenity grassland.

Directions For Use

Perennial Weed Control on Established Grassland and Amenity Grassland
2-4 lts/Ha

Overall Application

The timing of the application of BLASTER herbicide is crucial. For good results the product must be applied to actively growing weeds.

Spot Treatments

On grasslands where weed populations are too low to justify overall spraying, all the above weeds will be controlled by a spot treatment of 60 mls BLASTER in 10 lts of water. The weeds should be thoroughly wetted with the spray solution but not to run off as this will decrease the activity.



SPECIALIST CHEMICALS AND PESTICIDES

| Product | Unit Size | App Rate per HA | Active Ingredient |
|------------------|-----------|-----------------|-------------------|
| AGRIGUARD | 1 LT | 1.5 LTS | Chlorpyrifos |

Agriguard chlorpyrifos contact and ingested organophosphorus insecticide containing 480 g/lit chlorpyrifos. Approved for use on amenity grassland and managed turf against leather-jackets and frit-fly.





| Product | Unit Size | App Rate per HA | Active Ingredient |
|------------|-----------|-----------------|-------------------|
| MERIT TURF | 10 KG | 30 KG PER HA | Imidacloprid |

Merit Turf is an insecticide for control of chafer grubs and leatherjackets on golf courses, bowling greens, sports fields, residential and commercial lawns and amenity grassed areas. Application should be made prior to egg laying activities of the target pests. One application per year is required with application being made from mid May to mid June, or when damage to turf appears.



| | | | |
|-----------|-------|-------|-------------|
| AGRIGUARD | 5 LTS | 4 LTS | Carbendazim |
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For Worm cast suppression. Contains 500g per Lt of Carbendazim.

| | | |
|---------|-------|--------|
| MMC PRO | 5 LTS | 50 LTS |
|---------|-------|--------|

MMC Pro is a high performance broad-spectrum anti-bacterial disinfectant, fungicide, algacide and detergent. Contains no bleach or acids, and is readily biodegradable to EC/OECD standards. Targets green/black mould, algae and moss on all exterior hard surfaces.

MMC Pro will kill moss, mould and other growths within typically 2-4 days and the secondary detergent action will help to gently clean the treated surface in the following weeks and months. Any dead growth that has not been removed by the elements can be lightly brushed away 2-4 months after treatment, or sooner if required.

Small and diminishing residues will protect against regrowth. Typically this protection will be for 6-9 months after the first application and 8-12 months after subsequent applications.

Pack Coverage: High dose 5 lt pack treats 125 m² : Low dose 5 lt pack treats 250 m²

A comprehensive range of spray equipment including knapsack sprayers and operator disposable clothing is also available.





| Product | Unit Size | App Rate per HA | Active Ingredient |
|---------|-----------|-----------------|-------------------|
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MOSSGUARD

5 lts

A unique non-pesticide nutrient that puts Iron and Copper into turf-care to improve disease resistance and help control moss. Contains 30g/lit Chelated Iron, 70 g/lit Copper in a NON-Staining formulation and environmentally benign penetrants.

- Provides Amenity areas with foliar and root-absorbed Iron and Copper
- Has been observed to reduce Moss infestations
- Should be used as part of a programme of treatments

Mossgard should be applied as advised by a competent agronomist to comply with health and safety legislation to supply Iron and Copper and stop the build up of mosses.

Directions for use: For best results make at least two applications, one month apart. Apply Mossgard at the rate of 0.3 lt per 30 lts of water to treat 500 m².

MERIT® TURF CHAFER GRUB & LEATHERJACKET CONTROL

MERIT® TURF can be used as an insecticide for control of chafer grubs and leatherjackets on golf courses, bowling greens, athletic fields, commercial and residential lawns and other managed amenity turf situations. The active ingredient in MERIT® TURF has sufficient residual activity so that applications should be made prior to the egg laying activities of the target pests. One application per year is needed for chafer grub and leatherjacket control with an application made in late/early summer.

Rates Of Use

| Equipment | Area | Product Required |
|------------------------|-------|------------------|
| Vehicle Mounted Spread | 1 ha | 30k g |
| Hand Spreader | 100 m | 300 g |
| | 500 m | 1.5 kg |





| Product | Unit Size | App Rate per HA | Active Ingredient |
|---------|-----------|-----------------|-------------------|
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MIXTURE-B

5 lts

Mixture-B is a non-ionic wetter/spreader, which greatly enhances the effect of glyphosate. When used it cuts the waxy layer on plant leaves to speed the uptake of glyphosate. It can thus be most useful in a number of ways. Firstly it will enhance uptake to kill difficult weeds such as bracken, Japanese knotweed, brush wood weeds, sow thistles and others. Secondly it will speed up the action of glyphosate to reduce the time it takes to work. Thirdly it will speed uptake if rainfall is threatening and ensure the glyphosate works in marginal conditions. Finally for "normal" weeds its effect will enhance the effects of glyphosate enough to allow a considerable reduction in application rates and still give excellent results. Use at 2% of spray solution. Every spray operative should keep some handy!

CHEMICAL SPRAYERS

COOPER PEGLER KNAPSACK SPRAYERS

The generation Series 2000 piston pump knapsack sprayers from Cooper Pegler represent the very latest in spraying technology. Available in 15 and 20 ltr sizes, the units incorporate a combination of unique features that set them apart from other sprayers currently available. Designed and built to comply with forthcoming international safety standards, these sprayers, which have undergone rigorous laboratory and field testing, offer new levels of safety, reliability, durability and comfort at a highly competitive price.



- Cooper Pegler CP15 – 15 ltr knapsack sprayer
- Cooper Pegler CP3 – 20 ltr knapsack sprayer



EARTHWAY S25 SPRITZER SPRAY

For the convenient and accurate application of weed killers, fungicides, fertilisers and pesticides.

For all turf areas:

Gardens and Allotments
Bowling Greens and Golf Greens
Sports Grounds
Paddocks
Pathways and Drives

- 25 lt Tank
- 1 Metre Spray Width
- 33 cm Pneumatic Tyres
- Self Priming Pump
- Return to tank stirring
- On / Off Flow control
- Push and Spray
- No Engine
- No Battery
- No Motor



MANKAR ULV SPRAYERS

Phoenix are pleased to introduce completely new 'Ultra Low Volume' spraying technology from Germany and Holland where pesticide use has been strictly limited, in order to meet new EU environmental standards that will soon require greatly reduced use of pesticides in public areas.

This technology has a number of benefits for the user and the environment.

- Reduced pesticide application rates and costs but with first class weed control.
- Greatly improved labour productivity and reduced down time.
- Greatly reduced weight and consequential operator fatigue.
- Very accurate application and sharp variable spray band widths.
- Increased productivity in marginal spray conditions, such as wind or between showers.
- Greatly reduced environmental inputs of pesticide



The system ranges from a selection of hand operated shoulder supported hand lance sprayers to pedestrian wheeled sprayers. A pedestrian weed wiper (Roto-Fix) that applies no herbicide to the ground, only the weeds through to vehicle mounted sprayers that can be fitted on a variety of utility vehicles.



For more information on our range & applications, please call for further details.

