

# Nomix Total Droplet Control (TDC) herbicides



## Nomix DUAL

**The only residual herbicide approved for use on both hard and soft surfaces.**

### Nomix Dual - Residual

Nomix Dual is a long lasting, non-irritant TDC herbicide. On **hard surfaces** Nomix Dual can be applied to visible weeds and to areas of potential weed growth, including the back pavement edge, kerb, gully (do not overspray drains), around paving stones, gaps/cracks in the pavement and around obstacles.

For **soft surfaces**, Nomix Dual can be applied to any natural surface that is not intended to bear vegetation, permeable surfaces overlying soil and around amenity vegetation, including shrub beds, tree bases and gravelled areas.

Available in 750ml cartridges and 5 litre packs.

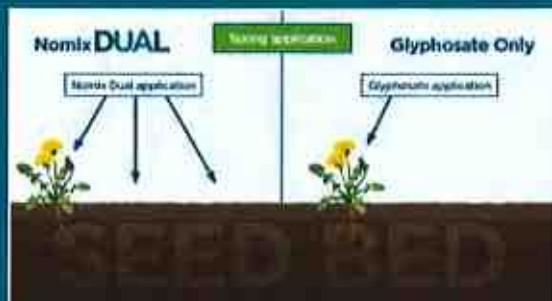
**Application rate:** 9 litres per ha

(MAPP 18351) Contains 162 g/l (16.8% w/w) isopropylamine salt of glyphosate (equivalent to 120 g/l glyphosate) plus 2.22 g/l (0.23% w/w) sulfosulfuron.

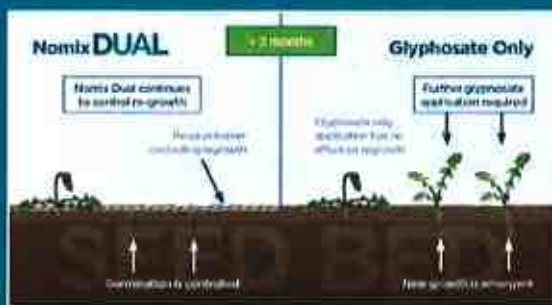
The official definition of a hard surface is 'Any man made impermeable surface, such as concrete or asphalt, that is not intended to bear vegetation'.



## ONE YEAR'S SEED = SEVEN YEARS' WEED



- Any weed that grows to the point of seeding, adds to the 'seed bank' on the ground.
- Any addition to the 'seed bank' adds to the weed pressure for many years.



- Use of a residual herbicide reduces the number of seeds returned to the ground, lessening the 'seed bank' and therefore reducing weed pressure in subsequent years.



- Repeated annual use of a residual herbicide will reduce the 'seed bank', visibly reducing weed pressure and growth substantially for future years.

## Hilite

Technically advanced non-irritant **glyphosate formulation**.  
Rain-fast within 30 - 60 minutes of application.

Hilite controls broad-leaved weeds, along with annual and perennial grasses in amenity and industrial areas, including parks, highways, paved areas and factory sites. It is also effective for clearing vegetation prior to planting, around tree bases, around ornamental species, shrubs and roses, as well as in forestry situations.



Available in 750ml cartridges and 5 litre packs.

### Application rates:

Established annuals, deep-rooted perennials and broad-leaved weeds: 10 litres per ha

Light vegetation and small annual weeds: 7.5 litres per ha (MAPP 18352) Contains 194g/litre (20.1% w/w) isopropylamine salt of glyphosate (equivalent to 144g/litre glyphosate).

## Nomix Conqueror Amenity

Aquatic approved clean label **glyphosate formulation**.

Nomix Conqueror Amenity is an ultra low volume TDC herbicide. It is used to control annual and perennial grasses and perennial broad-leaved weeds. Nomix Conqueror Amenity is also a highly effective aquatic herbicide, controlling emergent and floating weeds. You can use Nomix Conqueror Amenity in a wide range of situations, including aquatic, amenity industrial areas, forestry, parks, paved areas and highways. Nomix Conqueror Amenity is also recommended for clearing weeds prior to planting shrub and rose beds.



Available in 750ml cartridges and 5 litre packs.

### Application rates:

Established annuals, deep-rooted perennials and broad-leaved weeds: 10 litres per ha

Light vegetation and small annual weeds: 7.5 litres per ha

Aquatic situations - emergent weeds such as reeds, grasses and watercress: 12.5 litres per ha

Aquatic situations - floating weeds such as water lilies: 15 litres per ha

(MAPP 18369) Contains 194g/litre (17.9%) isopropylamine salt of glyphosate (equivalent to 144g/litre glyphosate).

# What is Total Droplet Control (TDC)?



Nomix Total Droplet Control (TDC) is a unique low volume herbicide application system, combining pre-mixed, highly effective herbicides with easy to use, targeted application.

The ready to use herbicide packs connect directly to the applicator, eliminating any risk to the operator from mixing chemicals and protecting the environment by avoiding spillages.

TDC oil-emulsion formulations stick to the leaf and easily penetrate the waxy

surface, allowing the active ingredients to move within the plant to deliver highly effective control of weeds.



TDC delivers a constant, uniform droplet size and spray pattern, significantly reducing run-off and virtually eliminating spray drift. This makes TDC safer for operators, bystanders, animals, the environment, water courses and surrounding desired vegetation.

Nomix Total Droplet Control (TDC) herbicides are white in colour to allow the operator to see where it has been applied, avoiding overdosing.

## Benefits of TDC include:

- Targeted application with virtually no run-off or spray drift, significantly reduces the risk of water pollution
- Sealed system eliminates operator contact with the herbicide
- Simple calibration reduces the risk of dosage errors
- Low volume TDC formulations which produce no breathable droplets are safer for operators, bystanders, wildlife and the environment.

### Case Study Loughborough University



Situated in over 440 acres of land, Loughborough University offers world-renowned facilities for every aspect of student life – with plenty of open spaces, formal gardens, woodlands, wildlife corridors and sports facilities, interspersed with academic buildings and student accommodation.

This landscape certainly presents its challenges for the Grounds and Gardens Team. Weed control is a key priority for them when preparing for open days, graduations, Britain in Bloom judging and the numerous other events the campus hosts.

Since moving over to the Nomix Total Droplet Control (TDC) system in September 2016 for the majority of weed control, the team has seen many benefits. Gardeners Stephen Laws and Ben Smith commented: "The TDC 5 litre backpack is much lighter than the old knapsack system. It works really well and the after sales service is excellent, with nothing being too much trouble."

Senior Gardener, Rachel Senior, added "we are becoming ever more conscious of looking after the environment. In line with our Bio-diversity Action Plan and Green Flag status, we are always looking for methods of maintaining our grounds more holistically. The Nomix system uses less chemical and no water, which benefits the environment and also has a positive financial implication. We have saved time because there is no need to mix and this in turn saves on the plastic we use – negating the need for jugs, knapsacks, and chemicals in plastic bottles. In addition, the TDC system is much better for the staff to use. They appreciate the comfort and lightweight nature of the TDC backpack and we find they can actually work for longer with the Nomix system, because of reduced operator fatigue".

# Why should I use Nomix Total Droplet Control?

Covers 20 times the area



One 5 litre backpack of Nomix TDC herbicide will, on average, cover around 20 x the area of 5 litres of conventional mixed glyphosate, as applied through a knapsack.\*

Reduced operator fatigue



A Nomix TDC 5 litre backpack weighs 75% less than a 20 litre knapsack.

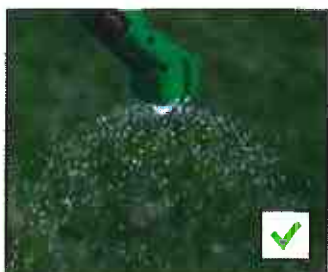
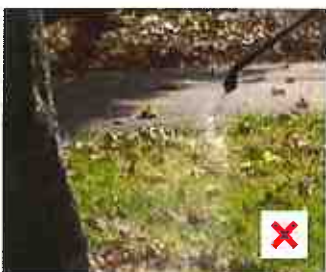
Nomix TDC helps our customers to carry out safe, effective and

## Less operator exposure



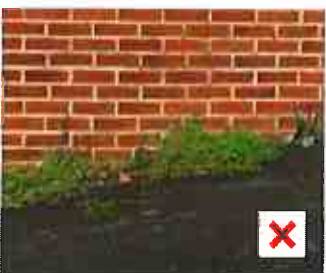
An operator's risk of exposure when using TDC is 9 times less than when using a conventional knapsack.†

## Safer for people, animals and the environment



The Nomix TDC system ensures targeted application, with virtually no spray drift or run-off and no breathable droplets.

## Nomix Dual delivers long lasting weed control



Nomix Dual is the only residual herbicide approved for use on hard surfaces and requires fewer applications than Glyphosate alone.

## Virtually no downtime



Nomix TDC is pre-mixed and ready to use, which means virtually no operator downtime when compared to using a conventional knapsack. Ask your Area Sales Manager how you can save money with our time and motion study.

## compliant weed control operations in accordance with Best Practice

covered in sq metres, for illustrative purposes. Note visible weeds on hard surfaces should be individually spot targeted with Glyphosate. Exposure Model (POEM) and OPEX Operator Exposure study 2015

# Nomix Total Droplet Control (TDC) applicators



## Frontline Classic

The Frontline Classic combines the latest in low volume application technology, with Nomix TDC herbicides, to control weeds safely, effectively and efficiently.

- Lightweight - 5 litre box of ready to use herbicide connects directly to the applicator
- Includes battery pack and charger plus 5 litre backpack
- Powerful battery - up to 2 days' spraying before recharging
- LCD readout - displays key information
- Optimal operator control in all situations - electronic trigger mechanism
- Pacer control - more accurate application and ease of use for the operator.



## Frontline Compact

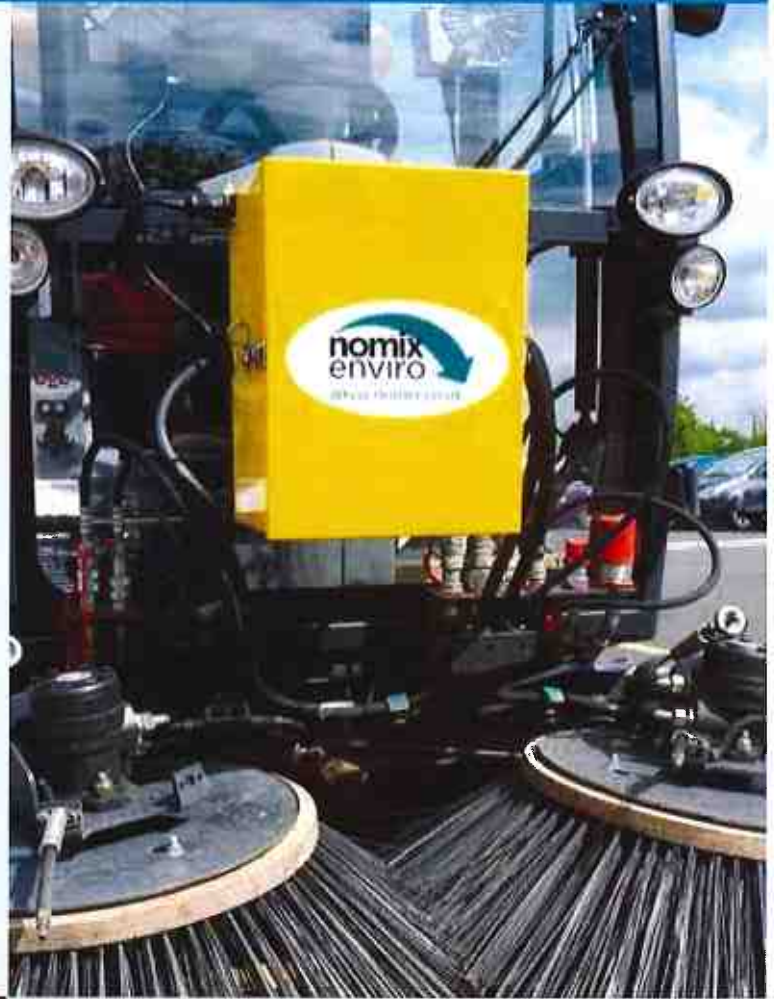
The Frontline Compact is a lightweight, easy to use low volume herbicide applicator. The 750ml herbicide cartridge connects directly to the end of the applicator.

- Ideal for smaller areas of use - no backpack
- Up to 35 hours' spraying time per charge - powerful rechargeable batteries
- Easy to store - wall hooks are supplied with the Frontline Compact
- Pacer control - more accurate application and ease of use for the operator.

## Kerbside Spraying Unit (KSU)

The Nomix KSU is a vehicle mounted TDC herbicide application system, designed to be fitted to road sweepers and similar vehicles. The KSU delivers targeted application on highways, kerb edges and fence lines.

- Easy to use - small and simple control box in the vehicle's cab
- Robust design - spray arm knocks back into place
- Easy to clean and maintain - modular components
- Available in three sizes - mini, midi and maxi
- Cost effective - maximise budgets by combining resources e.g. road sweepers.



## Nomix Genesis

Nomix Genesis is a vehicle mounted TDC herbicide application system, which can be fitted to virtually any type of vehicle, including ATV's and mini-tractors. It is the ideal solution for targeted weed control on footpaths and other hard surfaces, giving you complete peace of mind that you are compliant with weed control legislation.

- Cost effective - reduced labour costs over walking weed control methods
- Safe, targeted application on hard surfaces - compliant with legislation and Best Practice
- Simple to use controls - easy to use, with adjustable spray width for each spray arm
- Versatile - unique mounting system enables easy disconnection from the vehicle
- Safe controls - operator is in full control of the vehicle at all times
- Easy to maintain - modular design allows easy repair and maintenance.