

## **Glyphosate use:**

Information on the Nomix total droplet control system which reduces the amount of Glyphosate used by up to 70% can be found here:

<https://www.nomixenviro.co.uk/index.php/products/what-is-total-droplet-control-tdc>

**Overall conclusion of the assessment of Glyphosate licence renewal by the Assessment Group on Glyphosate (AGG):**

The AGG has compared the outcome of the evaluation with the criteria for approval, as provided in Regulation (EC) No 1107/2009. Based on the current assessment, the AGG considers that glyphosate does meet the approval criteria set in Regulation (EC) N° 1107/2009. The AGG considers that authorisation in at least one Member State is expected to be possible for at least one plant protection product containing the active substance for at least one of the representative uses. The AGG has also compared the outcome of the evaluation with the criteria for classification as provided in Regulation (EC) No 1272/2008. Based on this comparison, AGG proposes that glyphosate fulfils the criteria for classification for Eye Damage Category 1 (H318) “causes serious eye damage” and Aquatic Chronic 2 (H411) “toxic to aquatic life with long lasting effects”. This is the same as the present harmonised classification for glyphosate and no new classification is proposed.

**Tests on dilution rates:**

These tests consisted of reducing the concentration rates of the Glyphosate by 20%,40%, 50% in the water mix using a water softener. Unfortunately, the results were unsatisfactory because the large weeds above 3inch height survived and were not killed, which would make it necessary to re-spray the area, which would increase the amount of Glyphosate used. The manufacturer recommended application rates is 5l of Glyphosate per hectare in 200l water. Our Company tests all possibilities and cooperates with chemical manufacturers to reduce the application rates of Glyphosate.

This is the product we are using:

Application rates: 5l/ha

Active ingredients: 360 g/L glyphosate.

Monsanto Amenity Glyphosate XL is a clean label glyphosate formulation designed to provide cost effective control of emerged weeds in industrial and amenity situations, as well as forestry and on hard surfaces.

To reduce the amount of Glyphosate application Complete Weed Control has invested in specialized technology. Our Weed-it machines are equipped with Weed-it computer and dosatron chemical injector, (description below).

Weeds by definition are found in places we don't want them to be, and street pavements throughout the UK and Ireland are not exempt from this. Weed-IT technology – exclusive to Complete Weed Control – was developed specifically to meet the multi-faceted challenges

posed by the need to control weed growth on public footpaths and other hard surfaces in urbanised areas.

Cited as a “major advance in the field of weed control”, Weed-IT uses infrared technology to intelligently detect and automatically spot-treat weeds resulting in:

Vastly reduced (60-80%) herbicide usage

- Minimised off-target spray drift
- Increased public health and safety
- Increased operator productivity
- Reduced number of complaints by the public

Since its introduction Weed-IT technology has been used to treat hundreds of thousands of kilometres of street pavements nationwide whilst using only a fraction of the herbicide compared to traditional application methods. This has enabled local authorities to meet – and surpass – the objectives of their environmental and social policies.

Dosatron water-powered, non-electric chemical injectors are the easiest, most reliable way to accurately inject chemicals into water lines. Dosatron injectors work using volumetric proportioning, ensuring that the chemical mixture remains the same regardless of variations in pressure and flow.