



agrovista
amenity



*Non-selective
residual
broad-spectrum
herbicide*

*growing
through
innovation*

Katana

Katana® is a powerful, non-selective residual broad spectrum herbicide, for the **control of annual and perennial weeds.**

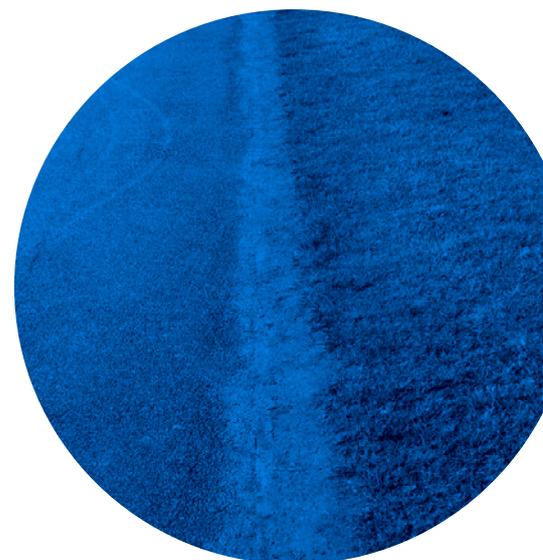


Introduction

Katana® is a powerful, non-selective residual broad spectrum herbicide, for the control of annual and perennial weeds on natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, and around amenity vegetation, which can drastically reduce hours spent strimming.

Katana® is formulated as a water dispersible granule that is long-lasting and effective at low dose rates.

It is an excellent cost-saving option as one application of Katana® can save repeated strimming visits to the same sites to tidy around obstacles and fence lines, reducing both cost and operator exposure to risks such as hand/arm vibration.



How Katana® works

Pre-emergence weeds

Once applied Katana® will move into the upper surface layers of the soil, however it has no effect on weed seed germination.

The weed seedlings, roots and shoots then absorb the flazasulfuron (the active ingredient of Katana®), which halts growth. Weed seedlings will sometimes develop normally through to the two-three leaf stage. Many affected weed seedlings will not emerge above soil level.

Post-emergence weeds

Katana® inhibits the growth of emerged plants. This is shown by a yellowing and reddening of the foliage, these symptoms can take up to 28 days to develop. The plant eventually collapses and dies.



Where to use

Katana® can be used on natural surfaces not intended to bear vegetation, permeable surfaces overlying soil and railway ballast.

Katana may also be used around amenity vegetation.

Due to the danger of run-off, Katana® must not be used on non-porous man-made surfaces such as concrete, tarmac and paved areas.

Areas of use include:

- ✓ Fence lines
- ✓ Around buildings
- ✓ Walkways and paths
- ✓ Around trees and shrubs
- ✓ Cemeteries
- ✓ Car parks
- ✓ Industrial areas

When to use

Katana® can be used at any time of the year, but for best results apply in early spring before the weeds germinate. If weeds are already present, tank-mix with a suitable contact herbicide such as glyphosate, when the weeds are small and actively growing.

Environment

Katana® presents negligible risk to birds, mammals, fish, aquatic invertebrates and bees when used in line with the directions on the product label. Katana® has no adverse effect on earthworms and soil-inhabiting microbes.

Total weed control

Katana® has a broad spectrum of activity. It provides initial knock-down and residual control of broad-leaved weeds and grasses.

Once in the soil profile, Katana® does not move, therefore it is especially effective for producing clearly defined edging along fence lines etc.

If weeds are already present, tank-mix Katana® with a suitable contact herbicide such as glyphosate and apply when the weeds are actively growing.

- ✓ Gives up to 5 months control
- ✓ Combines contact & residual action
- ✓ Pre-emergent weed control
- ✓ Early post-emergent weed control
- ✓ Can be tank-mixed with glyphosate
- ✓ Convenient water dispersible granule
- ✓ Low dose rate

Long-lasting effect

Just one application of Katana® at the recommended rate can have an effect for up to five months, although user feedback has shown much longer control can be achieved in many cases.



Cost-effective weed control

Katana® can help reduce operational costs whilst maintaining an effective total weed control programme.

The formulation of Katana® is highly active, giving excellent and persistent vegetation control from low application rates.

Just one application of Katana® can give up to five months control, customer feedback has shown even longer periods of control can be achieved.

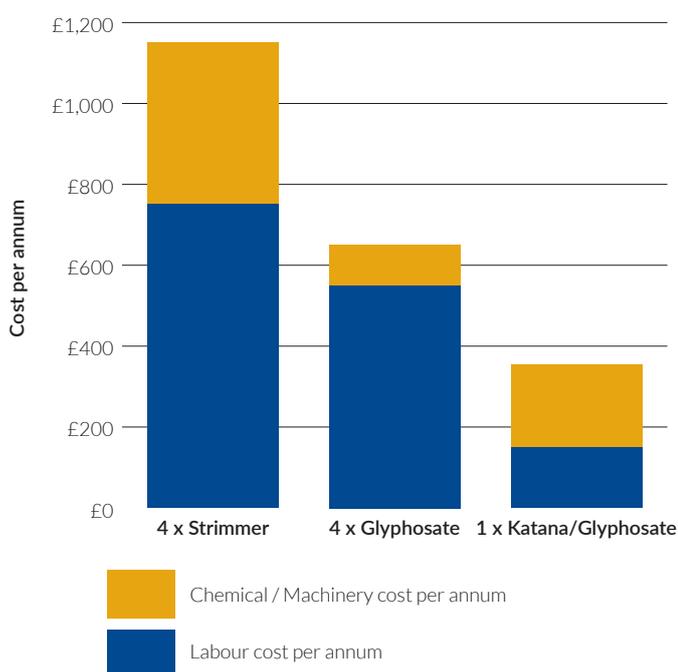
Reduced strimming

When compared to the cost of repeated strimming operations or frequent applications of non-residual herbicides (such as glyphosate), Katana® can offer significant savings.

The graph below shows the potential cost savings from a single application of katana to one hectare of ground, compared to a typical vegetation management programme of four strimming or glyphosate spraying operations.

This cost saving opportunity is ideal for local authorities and contractors.

Cost comparison



Wide control spectrum

Katana® controls a wide range of broad-leaved weeds and grasses including:

Weeds

- Black Medick
- Burdock
- Cat's-ear
- Charlock
- Common Bird's-foot Trefoil
- Creeping Buttercup
- Common Chickweed
- Common Nettle
- Common Ragwort
- Creeping Thistle
- Dandelion
- Dove's-foot Crane's-bill
- Fat-hen
- Groundsel
- Hawkweed
- Knotgrass
- Plantains
- Red Clover
- Red Dead-nettle
- Rosebay Willowherb
- Shepherds Purse
- Silverweed
- Small Nettle
- Willowherb
- Yarrow

Grasses

- Annual Meadow-grass
- Barren Brome
- Bristly Foxtail
- Cockspur
- Crabgrass
- Green Foxtail
- Italian Ryegrass
- Perennial Ryegrass
- Rough Meadow-grass
- Smooth Meadow-grass

Use glyphosate with Katana® on established weeds

Product and application guidelines

Best results are achieved by applying Katana® before weeds germinate. If weeds are present, tank-mix with a suitable glyphosate herbicide when the weeds are small and actively growing. Only one application of Katana® permitted per year. Avoid spray drift and treatment of shallow rooted plants. Read the product label before use.

We only recommend the use of Roundup Pro Biactive or other approved glyphosate formulations in mixture with Katana®.

Contains : **25% w/w flazasulfuron**

Pack size: **50g**

LERAP: **B**

Product application rates:

Application rate: **150g /ha**

Water rate: **200 - 600 L/ha**

Knapsack sprayers:

Application rate: **15g**

Water rate: **20 litres**

Coverage: **1,000m²**

We suggest the use of a 1 bar flow regulator with a Polijet AN 0.6 deflector nozzle (0.5m swath), 3 mph forward speed.

Add 15g Katana® +/- 500ml glyphosate 360 in a half-filled knapsack and top up to 20 litres.





HEAD OFFICE

Agrovista UK Ltd
Rutherford House
Nottingham Science and Technology Park
University Boulevard
Nottingham
NG7 2PZ

T: 0115 939 0202

REGIONAL OFFICES

Agrovista Amenity
Unit 3G (off Lyncastle Road)
Warrington South
Distribution Park
Appleton
Cheshire
WA4 4SN

T: 01925 758 886

Agrovista Amenity
The Pines
Fordham Road
Newmarket
Suffolk
CB8 7LG

T: 01638 721 888

Agrovista Amenity
Unit 11
Manor Farm Business Park
Manor Loan
Stirling
FK9 5QA

T: 01786 478 777

Agrovista Amenity
Allscott Park
Shawbirch Road
Allscott
Telford
TF6 5DY

T: 01952 897 910

E: enquiries@agrovista.co.uk

Follow us on social media:



@AgrovistaUK

www.agrovista.co.uk/amenity

