

Is weed wiping for me?

- Effective against bracken, rush, thistle, nettle etc.
- Applies herbicides directly onto the target species
- Economical, versatile and effective
- Rapid return on investment
- Easy to set up and operate
- No 'chemical drift' even in breezy weather



Why use a weed wiper?

A weed wiper enables you to target certain weed species simply by taking advantage of the difference in height between taller weeds and the shorter plants (like grasses and clovers) you wish to preserve. Weed wiping uses herbicide pumped from a tank onto an applicator which has an adjustable height setting. The chemical is only transferred when the tall weed comes into contact with the applicator, leaving the shorter plants unaffected.

As an alternative, you could simply spray the whole infestation with a selective weed killer, but that may not be desirable or possible for a number of reasons, for example, excessive cost, the desire to retain clover, a desire not to 'check' grass growth or proximity to a water course. The other factor to consider is the extent of the infestation: you may prefer a spot sprayer for very light infestations. At the other end of the scale where weed levels are very dense a boom sprayer could be used on a whole field/paddock or just in badly affected patches. Using selective weed killers can target certain species while leaving the desirable grass swards intact. However, where infestations are medium to dense and good grass sward still exists below, weed wiping allows the use of excellent, low-hazard herbicides like glyphosate to kill only the taller weeds, allowing the remaining grass to grow back in and bringing the land back into production much more quickly. An efficient weed wiper will maintain a well-saturated applicator without excess chemicals dripping onto

the underlying vegetation. This is particularly important when weed wiping across a slope, where the applicator may not be held horizontally. There is a tendency on older or less effective weed wiper designs for chemical to run to the lower end of the applicator (due to gravity) and then over-saturate, leading to dripping. Not only that, but the upper end of these applicators is too dry, leading to uneven application and 'striping'.

It's also very important that the applicator makes very good contact with the target plant, transferring enough herbicide to kill the weed. High work rates can be achieved if this can be done at just one pass. When applying any herbicide, it is important that the target plant is not put 'into shock' by damaging its structure or applying too strong a concentration. Avoiding 'shocking' the plant allows the herbicide to be carried by the plant's own circulatory system to all areas of the plant, including roots, rhizomes and tubers etc., ensuring an effective kill.

As well as being a much more environmentally friendly way of applying herbicides, weed wiping is also a very cost-effective system: it uses much less chemical than spraying and there is no waste. And whereas spraying requires buffer zones to be observed, weed wiping allows operation right up to the edge of a boundary. Weed wiping can be done even in windy conditions.



Why use a Logic weed wiper?

Logic's weed wiper, Contact 2000, represents the very best in weed wiping technology. At the heart of the system is Logic's unique cylindrical brush applicator. The specially chosen long fibres allow saturation levels to remain high while at the same time eliminating unwanted dripping. Approximately 2 - 2.5 litres of herbicide can be carried by a standard Contact 2000 brush before over-saturation occurs. The brush contra-rotates so that as it meets the tall weed, the chemical is 'painted' up the plant and on the underside of the leaf. The unique long fibre bristles on the Contact 2000 brush penetrate between the weed stems (particularly important where growth is dense) delivering a one-pass dose to the weed. This is an important benefit of the Contact 2000—other systems often require wiping to be done in two directions to provide sufficient contact. The Contact 2000 thus maximises your work rate and gives unbeatable results.

Every aspect of the Contact 2000 has been designed for a purpose:

- the offsettable drawbar with 'swan neck' design minimises flattening of the plant (and thus shocking it) in advance of the wiper. This arrangement also allows easy working under trees and on slopes
- the unique brush applicator gives unrivalled plant contact allowing higher work rates and lower chemical concentration to be used for an effective kill
- The herbicide tank can be mounted on an ATV rack, or on the drawbar if the towing vehicle requires
- The metering unit is accurate and provides a controllable method of keeping the brush system fully loaded with chemical
- The spray tank is made from high-impact, rotational-moulded plastic—strong and durable
- Professional-quality pumps, spray lines and nozzles are used throughout – the positive pressure system helps avoid over-saturation.

What weeds can I target?

Contact 2000 can be used on any weed that has a height difference between the weed and the required species. Commonly targeted weeds are: thistle; rush; bracken; nettle; ragwort*; docks; woodland weeds (e.g. self sown rhododendron, gorse, etc.). Timing your application of weed killer is vital in order to get the best results and a full guide to the most commonly used chemicals; the time to use them; and on which weed species, is given in your Contact 2000 handbook and on the Logic web site.

See **CONTACT 2000** at work!
A video clip and more information is available at:

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What chemicals can be used?

All of the water-soluble herbicides are suitable for use with Contact 2000. Usual mix rates are just 20:1 (i.e. twenty parts water to one part chemical). In trials, Logic has found this dilution to be the most effective at delivering an effective dose without shocking the weed. It also means that expensive chemicals can be economically used. At Logic, we have considerable experience with using many types of herbicide – a detailed guide is available on the web site and in the owner's handbook that is shipped with each Contact 2000.

Logic advocates safe use of chemicals – always refer to manufacturer's guidelines.

When should I use my Contact 2000?

Careful planning of your weed eradication campaign is essential. Contact 2000 will give exceptionally good kill rates for weeds such as nettle or thistle with just one pass. However, some plants (e.g. bracken) may have mechanisms which can sprout when the primary growth has died back (secondary/detached rhizomes). In these cases, follow-up treatment should be carried out when secondary growth is at its most vigorous. Bear in mind that secondary growth is not likely to be as dense as the original infestation, so the follow-up treatment will use much less herbicide than the first. It is usual in these instances to plan a five-year treatment regime to ensure the land can successfully be brought into productive use. However, once the infestation has been successfully treated, keeping on top of the problem from year to year becomes easier and uses much less chemical, simply because the number of individual plants in contact with the weed wiper is fewer.

Hints and tips for using your Contact 2000 are given in the owner's handbook and this should be consulted for most situations. Where unusual situations are encountered, or for additional advice, Logic experts are always happy to help.

**When treating ragwort, be aware that dead or dying ragwort is very toxic. Remove all livestock from fields for six weeks after treatment or until the dead plants have broken down fully.*

For advice and guidance for your weed problem, contact Logic today:

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