

# FACTSHEET

## FOAMSTREAM - A PROVEN TECHNOLOGY

weedingtech

“The overall efficacy of Foamstream was comparable to that of glyphosate. In addition, the use of Foamstream appears to outperform other non-chemical methods that provide only a moderate level of weed control.”

Department of Crop Science, Agricultural University of Athens, 2022.

### HOW FOAMSTREAM WORKS

Foamstream is the world's leading herbicide-free weed control technology. Foamstream is approved for organic use by the British Soil Association, and the Organic Farmers and Growers Association, meaning it can be used around people, animals and waterways. It kills weeds, moss and algae using a combination of near boiling water covered by a biodegradable foam. Foamstream is uniquely effective because the foam acts as a thermal blanket, ensuring the heat is retained in the water while it's applied to the plant, keeping the plant in the kill zone for 6x longer than any other herbicide-free alternative.

### ABOUT WEEDINGTECH



OVER 700 CUSTOMERS  
WORLDWIDE



AVAILABLE IN 24+  
COUNTRIES WORLDWIDE



AVAILABLE IN 43+  
DEALERSHIPS WORLDWIDE

We operate globally, selling direct and through a network of first-class dealerships who typically sell machinery from manufacturers such as Toro, John Deere and Kubota.



JOHN DEERE



- Headquarters in Acton, London
- Manufactured in France and the UK
- Offices in London, USA and Europe

- Weedingtech has been serving the North American municipal market since 2018
- Weedingtech has been serving the European municipal market since 2016

### AWARDS AND ACCREDITATIONS



Institute  
of Water



## FOAMSTREAM PRODUCT RANGE

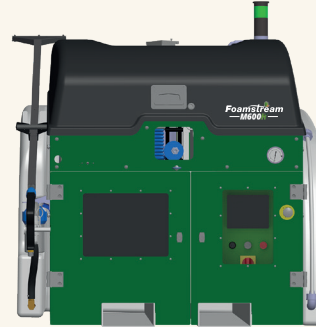
At Weedingtech, we constantly invest in R&D to develop our products further, to ensure we equip our customers with the best technology. Our product range includes the L12 and M600H:

### Foamstream L12



- Suited for large scale operations
- Ultra-quick start up time
- 260kg
- 12L per minute flow rate

### Foamstream M600H






- Suited for smaller scale inner city jobs
- Battery powered (60dB)
- 240kg
- 7L per minute flow rate

“Foamstream was by far the best herbicide-free solution we tried. It’s very safe to use in public areas. There’s no need to barrier off treated areas, and we don’t have to worry about working close to water courses, or about using the system in public areas – even around curious children or dogs.”

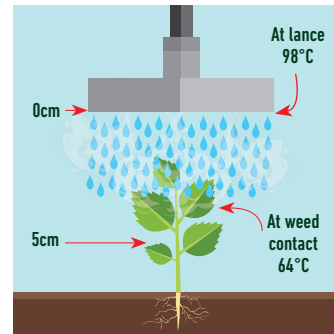
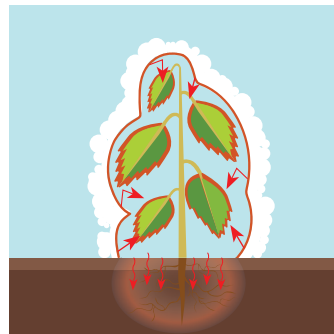
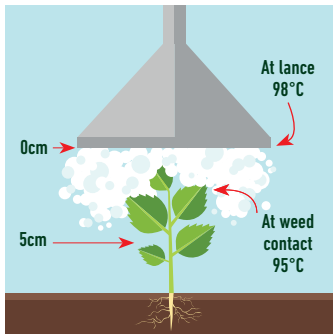
Jon Greatrex, Vale’s Parks and Open Spaces Officer

## FOAMSTREAM VS TRADITIONAL METHODS

	<b>EFFICIENCY.</b> 	<b>EASE OF USE.</b> 	<b>SAFETY.</b> 
<b>Strimming/ weed-whacking</b>	Ineffective as a long-term option. This is due to disturbing the seedbed and spreading seeds and spores – increasing total weed coverage and causing rapid weed regrowth over a wider area.	Easy and simple to use, although vibration and white finger risk.	A low safety risk outside of the risk posed to the operator and passers-by due to flying debris and stones during operation.
<b>Herbicide</b>	Provides good continual weed control. It is effective, however is heavily reliant on weather conditions being suitable on and after application. Increasingly there are cases of weeds becoming herbicide resistant.	Easy to spray but not easy to formulate due to the number of variables that have to be considered. On-going sprayer licence and training required. Protective clothing needed.	In public spaces, people and operators are highly exposed to herbicides and their residue. Irrespective of whether herbicides are deemed as safe or not, there is an increasing trend of residents concerned with herbicide exposure.
<b>Foamstream</b>	Fast, instantly visible results. As heat transfer goes from leaf to root, and the heat is held on the plant for an extended period by the insulating foam blanket.	Machines are easy to use and simple to start up.	Safe for unrestricted use around people, animals, and waterways. It is approved for organic use and organic food production. Made from natural plant oils and sugars, making it biodegradable.

# FOAMSTREAM VS HOT WATER

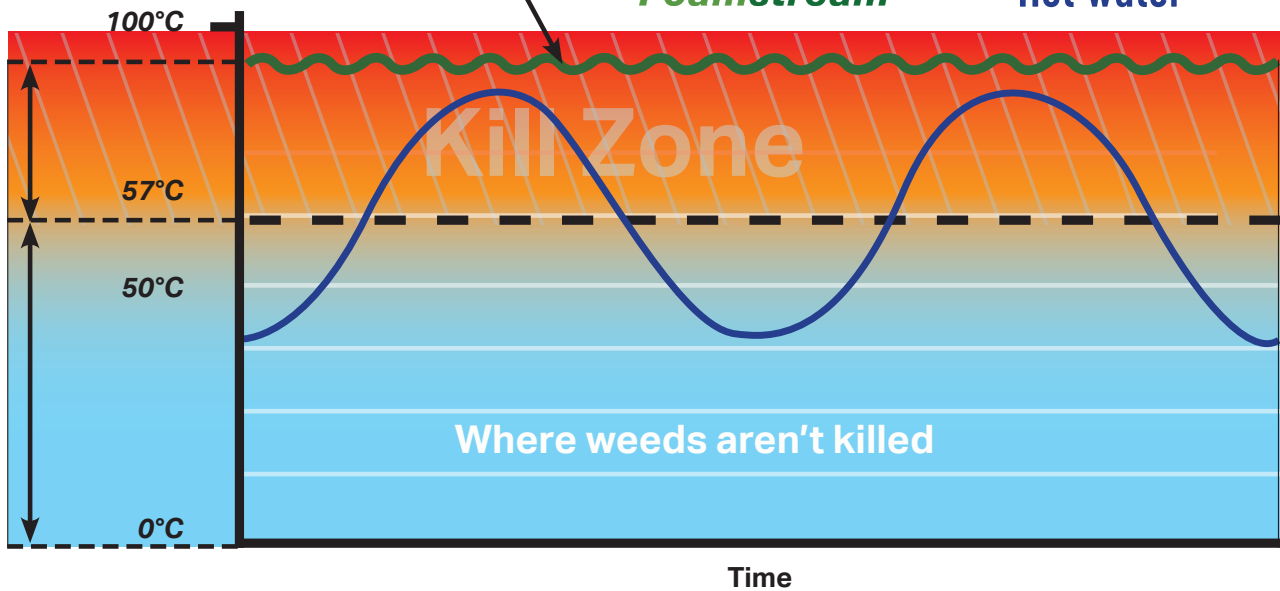
## Foamstream



- KILLS THE WEEDS
- STERILISES SEEDS AND SPORES
- KILLS OR SUFFICIENTLY DAMAGES THE ROOT
- KILLS THE LEAVES
- NO EFFECT ON SEEDS
- VERY WEAK EFFECT ON ROOT STRUCTURE

Foamstream systems guarantee delivery of stable temperature and pressure because they feature an electronically-automated, dual phase burner.

## Foamstream — Hot water



\*Kill-zone = 57+ degrees. The high temperature is what causes the plant structure to break down.

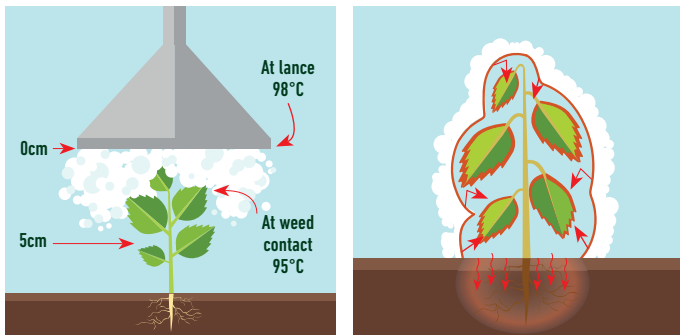


## FOAMSTREAM VS STEAM

“Our company has tried various alternative weed control solutions since 2010 and Foamstream is without doubt the most effective. Whereas hot water solutions only killed 50-60% of weeds on site, Foamstream instantly killed over 95% of weeds on first application, with just 2-3 applications (depending on the state of the soil) needed each year from then on. Foamstream is now the only weed control product for us.”

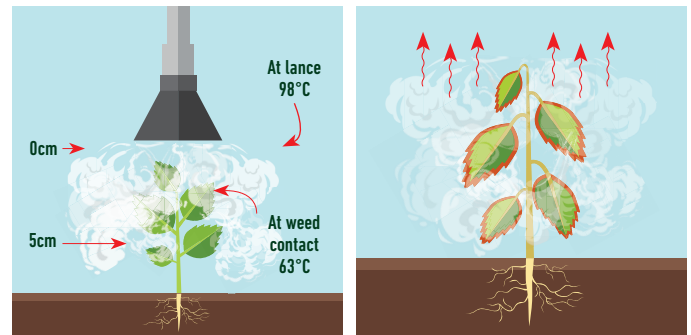
Mr. Lemire, MD, Lemire Greenspace

### Foamstream

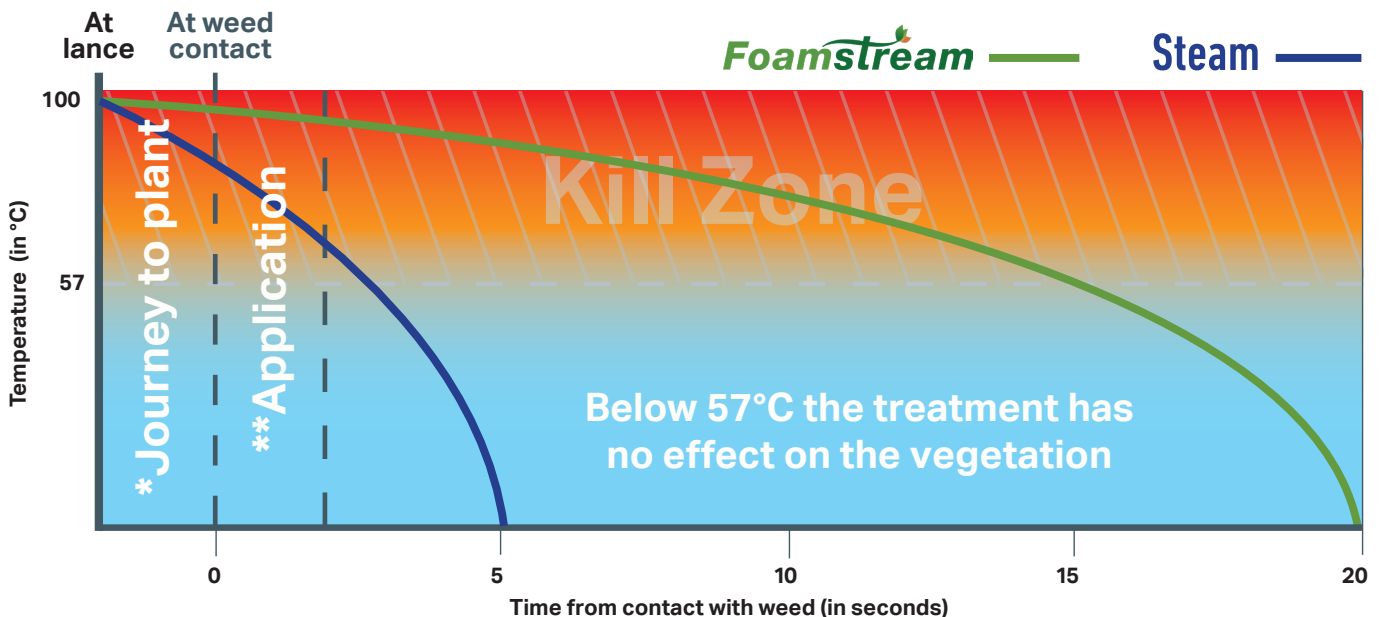


- KILLS THE WEEDS
- STERILISES SEEDS AND SPORES
- KILLS OR SUFFICIENTLY DAMAGES THE ROOT

### Steam



- KILLS THE LEAVES
- SOME EFFECT ON SEEDS
- VERY WEAK EFFECT ON ROOT STRUCTURE



\* Time taken for the water/Foamstream to travel from lance to weed.\*\* Time taken to cover the weed with the water/Foamstream

“Weeds treated with Foamstream require just two to three treatments per season or as little as one if you’re treating moss and algae. Steam systems would require ten to twelve treatments per season. Fewer treatment cycles mean lower labour costs and greater cost savings including less use of water and diesel.”

Dr Mike May, Leading UK Agronomist



## FOAMSTREAM VIDEOS



L12



Foamstream global testimonial video



Our mission



Foamstream process video

## ENVIRONMENTAL CREDENTIALS OF FOAMSTREAM



- Made from 100% biodegradable and environmentally friendly natural plant oils and sugars



- Cleared for organic use, safe, and non-toxic by many accreditation bodies across Europe and North America



- Safe for use around people, animals and delicate ecosystems including waterways



- Annually uses less water and diesel to achieve the same results as a hot water system



- No decalcification chemicals required unlike other systems

## APPROVED FOR ORGANIC USE



## CLEARED FOR USE BY THE FOLLOWING ACCREDITATION BODIES:

- Kemi (Sweden)
- Department of Agriculture (Washington State)
- Department of Environmental Protection (New York)
- NOFA-NY Certified organic (New York)
- Environment Agency (UK)
- DEFRA (UK)
- CRD (UK)
- Schweizerische Eidgenossenschaft (Switzerland)
- EPA (Denmark)
- Aministerstwo Rolnictwa I Rozwoju Wsi (Poland)
- Tukes (Finland)
- CTGB (Netherlands)
- EPA (New Zealand)
- REACH (Europe)
- AVPMA (Australia)
- Biogrow (New Zealand)

## OUR CUSTOMERS

### NORTH AMERICA



### UNITED KINGDOM



### EUROPE



## WHAT OUR CUSTOMERS HAVE TO SAY ABOUT FOAMSTREAM

“Foamstream ticks so many boxes for us. Everything from the environmentally friendly credentials and improving health and safety for our workforce through to cost and time savings by reducing the number of treatment cycles needed and the efficiency of application.”

Lewis Jones, Future Quality Obligations & R&D Manager, South West Water.

“Foamstream is a very safe product from both the perspective of the operator and the surrounding environment. It has created great interest with the public and even requests for us to treat private properties. Thanks to Foamstream we no longer have to worry about our operators injuring themselves or becoming fatigued.”

Barry Boguski - Public Works Services, City of Courtenay.

“Since using Foamstream, we’ve cut down on the health and safety issues associated with strimming and laborious methods such as hand weeding. It’s changed the way that we weed hard surfaces, soft surfaces and playgrounds and we don’t have to use herbicides. It’s clean and easy to use and allows us to properly allocate labour, which has helped to save 75% of our time compared to using previous methods of weed control.”

Terry Burns, Senior Contact Manager, idverde.

## ACADEMIC JOURNALS

- Hot foam: Evaluation of a new, non-chemical weed control option in perennial crops
- The Use of Different Hot Foam Doses for Weed Control
- Are there alternatives to glyphosate for weed control in landscapes?

## 3RD PARTY ACADEMICALLY VALIDATED RESEARCH

“Foamstream has shown to be a very efficient method and a great alternative to the use of chemical herbicides.”

Department of Agriculture, Food and Environment, University of Pisa and Department of Agricultural and Food Sciences, University of Bologna



“Foamstream has the potential for future use, not only in urban areas and railways, but also as a desiccant for controlling weeds in no-till soil bands before the transplant of high-income vegetable crops.”

Department of Agriculture, Food and Environment, University of Pisa



“Foamstream appears to outperform other non-chemical methods that provide only a moderate level of weed control.”

Department of Crop Science, Agricultural University of Athens

