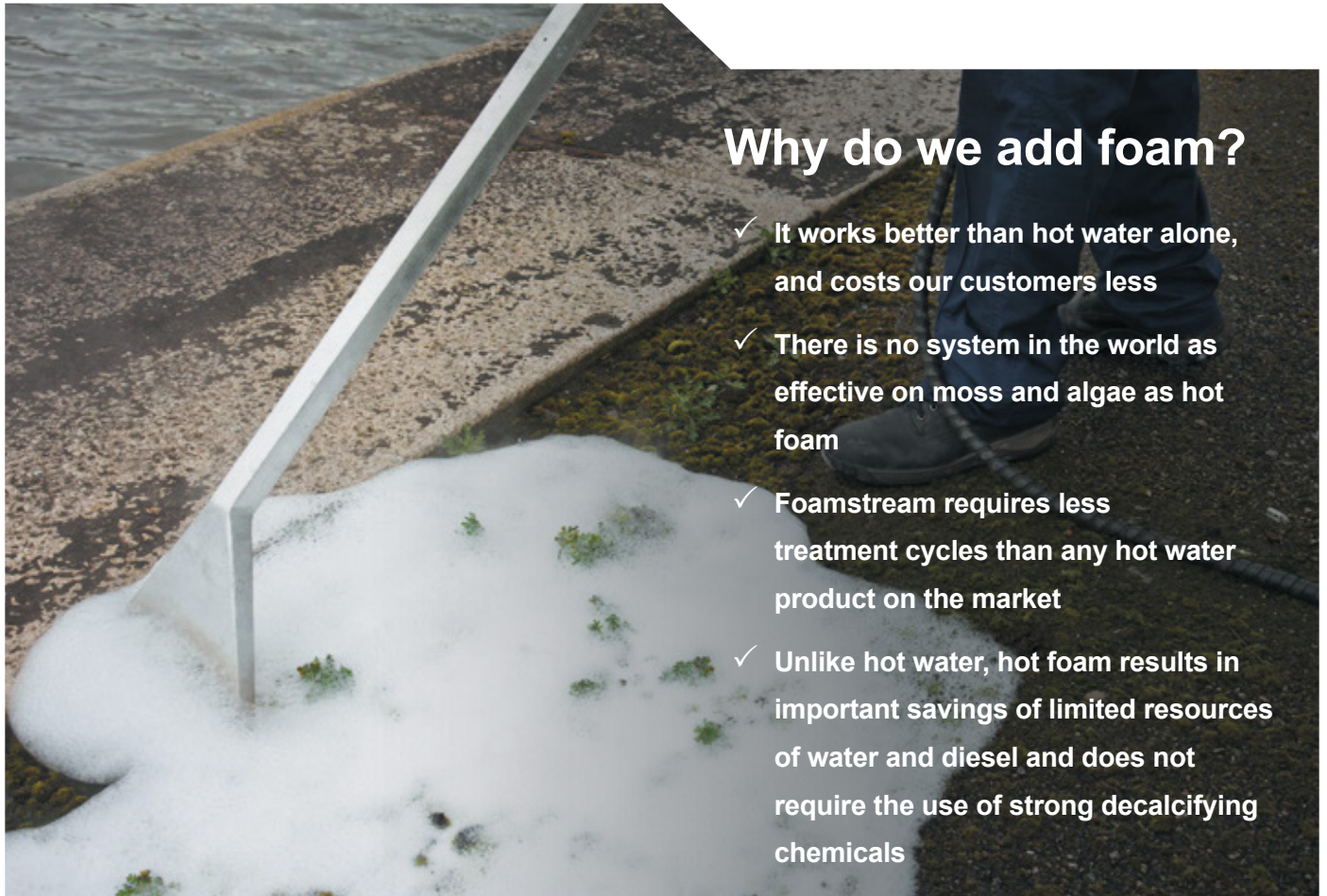


Foamstream

Vital ingredient:

Why hot foam is the best herbicide-free weed control solution



Why do we add foam?

- ✓ It works better than hot water alone, and costs our customers less
- ✓ There is no system in the world as effective on moss and algae as hot foam
- ✓ Foamstream requires less treatment cycles than any hot water product on the market
- ✓ Unlike hot water, hot foam results in important savings of limited resources of water and diesel and does not require the use of strong decalcifying chemicals

The environmental and business case for herbicide-free weed control has never been stronger. While confusion continues to reign concerning the safety and environmental impact of traditional weed control products such as glyphosate, it's little wonder that those who use these products are turning to alternatives to limit their risk.

Of these alternatives, Foamstream and the MW-Series is the most effective system available. What's more, there is no solution in the world, including traditional herbicides, that is as effective as Foamstream on moss and algae.

"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."

M. Lemire, MD, Lemire Greenspace

So what does foam do that alternatives like hot water alone can't?

We asked our in-house world-leading weed expert, Dr. Mike May to explain:

“Put in the simplest terms, it works better and costs less. Scientific study after scientific study, from the Clean Region Project, to independent research by experts such as Dr Arndver Schwele at JKI and Palle Kristoffersen from the University of Copenhagen, has conclusively proven that water insulated by the addition of foam, delivers greatly improved weed and vegetation control compared to hot water on its own.

“This is because the foam gets the heat into the plant faster, more precisely and keeps the heat on the plant for longer. This leads to the fastest heat transfer into the plant structure, better control, better sterilisation of seeds and spores and, therefore, fewer annual treatments. Overall this means that Foamstream and the MW-Series unequivocally represent the cheapest total cost of ownership for users.”

How can Foamstream contain more active ingredients but be more cost-effective to use than a hot water system?

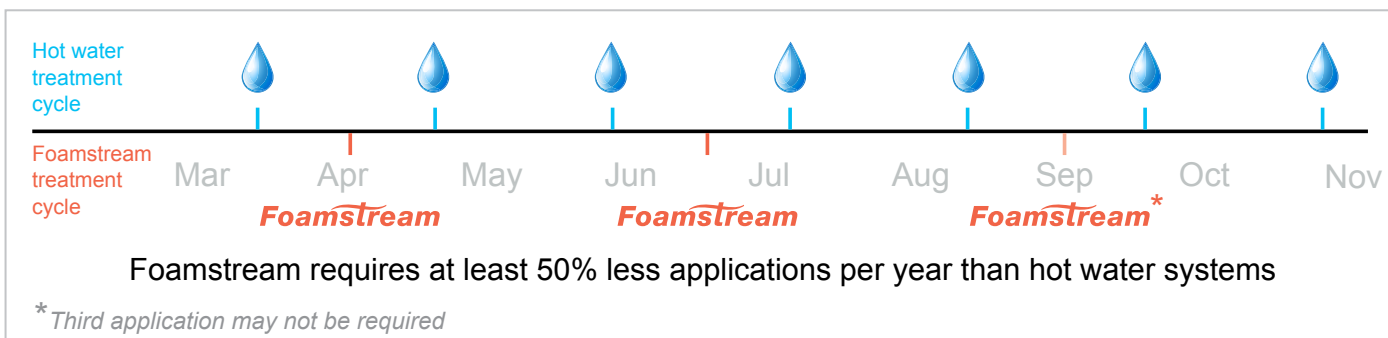
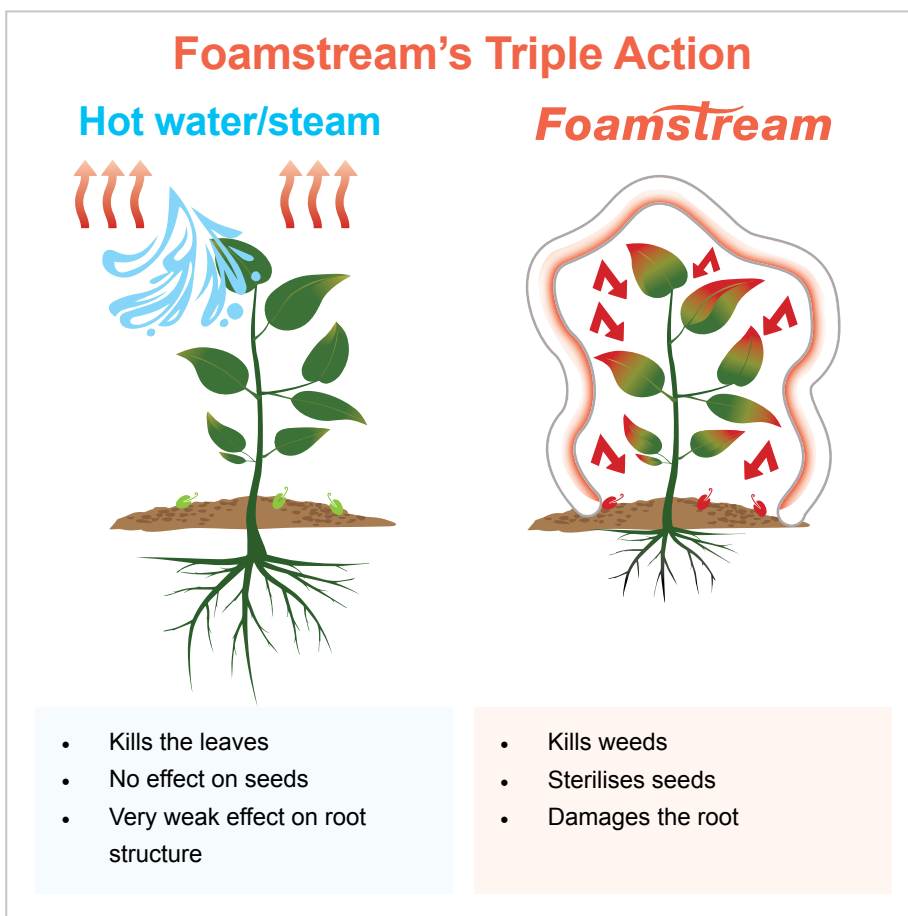
“It comes down to treatment cycles. Typically, weeds treated with Foamstream require just two to three treatments per season (or as little as one if you're treating moss and algae) – that means that it delivers the lowest cost of ownership for users. If you were to take foam out of the equation and use a hot water system instead, you would require between five and seven treatments per season and a minimum of two on moss

and algae. Clearly, fewer treatments equate to a considerable reduction in labour required and therefore a significant cost saving for users. In addition, it also results in an important saving of limited resources water and diesel.”

How environmentally-responsible is the product and system?

“Extremely. The foam itself is made from 100% biodegradable, organic materials, making it completely safe and sustainable

no matter where it's used. When it comes to energy consumption, Foamstream and the MW-Series uses less water and diesel annually to achieve the same results as a hot water unit would. It is also a low pressure system, unlike many hot water systems which operate under high pressure, causing them to lose heat quickly compared with Foamstream and the MW-Series. And because Foamstream prevents calcification in units, it means no calcification chemicals are required to keep the unit from seizing up, unlike hot water systems where we'd advise users to look into the extremely strong chemicals used in this process.”



What do users think about the product and experience of using it

"They love it! From the visual impact of the foam itself during treatment, which clearly and proudly demonstrates an organisation's environmental commitments, prompting interest and positive interactions among everyone from colleagues in the user's organisation to members of the public, to the product's performance and impact on the bottom line. They see it as a win-win."

Dr. Mike May

"There are so many benefits to choose from but the single best thing about Foamstream has to be the cleanliness and finish once the Foamstream has been applied. We're excited about Foamstream's possibilities as a public engagement tool as well as the positive feedback from potential clients and increased chances of getting onto new approved supplier lists."

Terry Burns, Senior Contract Manager, Quadron

"One of our highlights was the interest of passers-by and interaction with the public when we were out and about using the product".

Neil Reeves, Countryside Manager, SWLT

Why the delivery device makes a difference

Continuous scientific testing between the MW-Series and leading hot water companies makes it clear why using the MW-Series with Foamstream requires fewer treatment cycles.

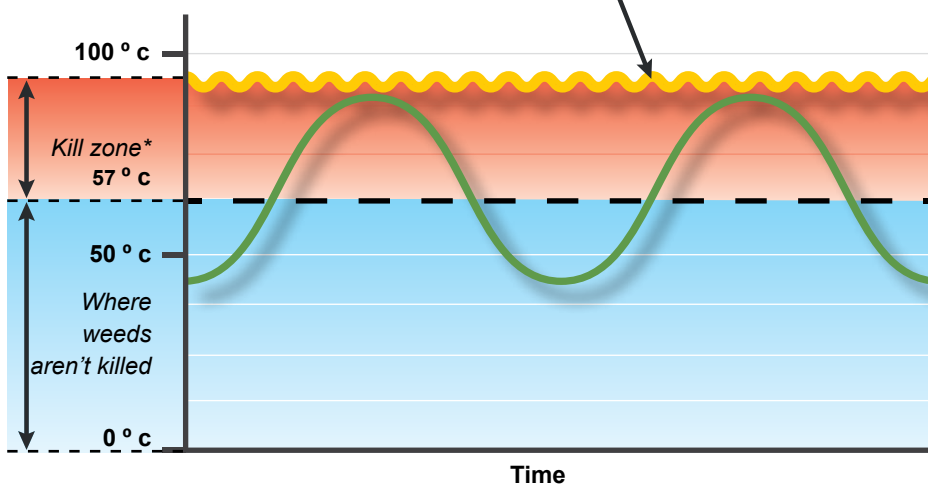
Hot Water System

- 40 bar variance in pressure
- Large temperature variance and heat loss
- No automation

MW-Series

- Automated Pressure
- Automated Temperature
- Low Pressure

The MW-Series is the only system on the market with an electronically-automated dual phase burner, which guarantees stable temperature and pressure, unlike hot water systems that fluctuate in and out of the kill-zone.



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

Worried about Palm Oil?

So are we. Which is why we use less than 0.001% of it in the production of Foamstream. Furthermore we support the sustainable production of palm oil through the GreenPalm programme, which means we only source the oil from producers who follow the Roundtable on Sustainable Palm Oil's (RSPO) strict guidelines for social and environmental responsibility. For those who want a totally palm-free product, we're also launching a premium, **palm-free version of Foamstream** later this year.



Foamstream and the MW-Series don't simply outstrip the competition on price, performance and environmental impact – they outstrip the market on innovation. Dr Franck Balducchi, Head of Technology for Weedingtech, explains:

"We've invested heavily in research and development to make sure that Foamstream and the MW-Series are constantly evolving to meet customer needs and responding to their feedback on how they use it. Firstly, we've made it easy-to-use for operators with minimal training required, a clear traffic light system for operation and a system that, through its dual burner, guarantees to only deliver foam at balance, stable heat at correct temp with a constant flow and even pressure.

"Like all the best technology, it is low-maintenance – for example, there is no

annual steam pressure testing required like there is on some other systems. It's low-risk too, with no danger of steam damage and, with safe operation, low risk to surrounding environment, water quality, people and animals. What's more in 2016, the next generation MW-series will feature increased automation, resulting in less checks needed and even further increased ease of use.

"The system is robust, coming with a life-expectancy of at least five years, plus a 12 months parts and labour warranty.

"Just like its users, the system is great at multi-tasking, offering multiple accessory devices for different applications beyond weed, moss and algae control. For example, chewing gum removal, cleaning of hard surfaces especially flags and paving, or drain and gully clearing. Its unlimited hose extensions allow users to access hard-to-reach areas. Add to this

modular tank sizes for increased run time and the ability to mount the system on a trailer or vehicle for added flexibility and the case is even more compelling'

It's not just the product and machinery that makes Weedingtech the world's leading herbicide-free weed control company – it's our people. In addition to our team of globally-renowned technologists, scientists, botanists and environmentalists, we provide market-leading post-sales support through our highly-skilled service team. This consists of regular follow-up visits, unlimited top-up/refreshers training for new team members, quarterly training sessions for users, tips workshops and the soon-to-be-launched Foamstream Forum where members will be able to attend exclusive industry events and help inform the evolution of Foamstream through our beta-testing initiative.

Ready to try **Foamstream**?

Get in touch to book a demo and start your journey to becoming part of Europe's herbicide-free future: [contact details depending on market]

