

ROOTWAVE PRO™  
ELECTROTHERMAL  
**WEEDER**

---

**Hot**  **Grass**  
ELECTRIC ORGANIC SYSTEMIC

The Rootwave Pro™ Electrothermal Weeder is the leading solution for killing weeds without applying any chemicals.

The technology is the most effective and affordable alternative to chemical herbicides and helps organisations achieve a sustainable approach to weed management.

## RESULTS

Independent case studies performed by UK's largest provider of environmental consultancy confirms the efficacy of the RootWave Pro™.



# EFFECTIVENESS

## Weed Control Effectiveness and Suitability Matrix

Weed category	Kills below ground parts of plant	Suitable for invasive weeds	No residues	Allowed in certified organics
Rootwave™ Pro Electricide Weeder	✓	✓	✓	✓
Contact Herbicide	X	X	X	X
Systemic Herbicide	✓	✓	X	X
Organic Contact Herbicide	X	X	X	✓
Flame & Steam	X	X	✓	✓

## Treatment time for different weeds

Weed category	Fleshy weed	Fibrous stem	Extensive roots
Less than 5cm	0 - 1 sec	1 - 2 sec	1 - 2 sec
Between 5 and 30cm	1 - 2 sec	2 - 4 sec	2 - 4 sec
Greater than 30cm	1 - 5 sec	2 - 15 sec	2 - 15 sec
Treatments required	Single	Single	Multiple (2 or 3)

### Weed category examples (not exhaustive):

#### Fleshy weed:

Agapanthus, Arum lily, Buttercup, Dock, Onehunga weed, Oxalis, Ragwort, Thistle.

#### Fibrous stem:

Bamboo, Blackberry, Gorse, Heather, Pampas, Privet, Taiwanese cherry, Wild ginger, Wildling pines, Woolly nightshade.

#### Extensive roots:

Californian thistle, Horsetail, Kikuyu, Tradescantia, Wild asparagus.



## SAFETY

### Safety features are:

- Compulsory user training and certification.
- Earth continuity system ensures safe operation.
- High-integrity materials specified.
- Lance designed to ensure weeds treated at a safe distance.
- Integrated safe stop.
- Emergency stop for safe third party shut-down.
- Integrated lance shunt system delivers additional user protection.
- Operator refresher courses.
- Help with localised risk management process available on request.

## PRODUCT

The RootWave™ Pro is an award-winning professional hand weeder designed for growers, farmers and groundskeepers to spot weed and treat invasive species.

### Key features include:

- Runs all day without refuelling from generator.
- Compact design suitable for small utility vehicles.
- Rapid deployment.
- 25m treatment cable with optional extensions.
- Light and ergonomic treatment lances with simple user controls.
- Variable output powers for treating different species and size of weed.
- Integrated mechanical lift and tie down points.
- Easily changeable electrodes to cover different weeding scenarios.

**Hot**  **Grass**

# TECHNOLOGY

The RootWave™ Pro uses electricides to boil weeds inside out from the root upwards.

It is efficient as heat is generated within the weed itself so there is no waste.

Electricides treat deep into the roots making RootWave™ ideal for treating all weed types, including any tough species of invasive weed.

The process is localised and does not damage surrounding plants, soil or wildlife.

# BENEFITS

## **Environmental**

Organic with no additives or residues and suited for use where herbicides are banned or restricted.

## **Effective**

Systemically kills all species of weed.

## **Safe**

No impact to surrounding plants or wildlife with treated areas safe to return to immediately after treatment.

## **Affordable**

Lower running costs than any other weed management product.

## **Quick**

Near instantaneous treatment of weeds.

## **High utilisation**

No down time for refilling and suitable for use immediately before or after rain and in cold or windy weather.

## **Fewer retreatments**

Weeds treated without disturbing soil, which maintains soil nutrients and reduces dormant seed regrowth.



please consider the environment before printing

## CONTACT

Kazel Cass

kazel@hotgrass.co.nz

021 0332428

[www.hotgrass.co.nz](http://www.hotgrass.co.nz)

**Hot Grass**  
ELECTRIC ORGANIC SYSTEMIC

**rootwave**   
Zaps weeds. Zero chemicals.