

rootwave

eWeeder for Fruit

Better Weed Control



Full control of weeds. Zero chemicals

rootwave.com

rootwave

Better weed control

Systemic action | Zero chemicals.

RootWave kills weeds using electricity to give better weed control whilst protecting health and helping nature restore its soils, water and biodiversity.

Designed for fruit growers. The RootWave eWeeder for fruit kills all weeds and their roots. eWeeding generates heat within the weed and root, killing it instantly.



Better efficacy.

Electricity generates heat within the weed itself, which treats deep into the roots, killing the whole plant.



Better Flexibility.

Treat in a range of weather conditions, near water and sensitive areas. Plan treatment programmes to fit busy schedules.



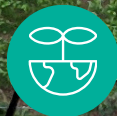
Better Health.

Chemical-free keeping the environment and food safe and free of harmful chemical residues.



Better Safety.

RootWave has patented the use of electricity to kill weeds at higher frequencies, which is intrinsically safer.



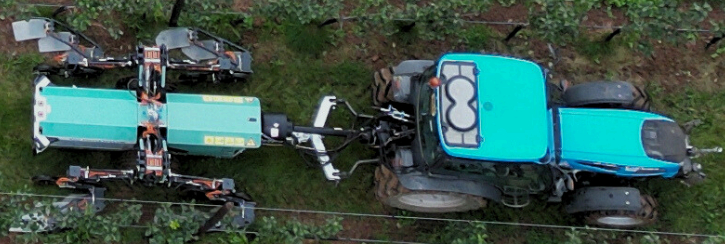
Better Soils.

Friendly for micro and macrofauna including earthworms, and doesn't disturb the soil, allowing it to heal and capture more carbon.



Better Affordability.

Farmers will save money on a per hectare, per season basis when using eWeeding.



Specifications

Technical

Safety: 18kHz higher frequency electricity

Versatile: suitable for use in multiple crops

Treatment width: 0.3m-0.6m (x2)

Row width range: 1.8-4.5m

Speed: up to 5km/h

Weight: 1.4 tonnes

Minimum tractor power: 75hp

Output power: 36-60kW*
*based on tractor power range 75-125hp

Robotic & Automatic

Smart: power electronics and firmware sense and understand operational environment

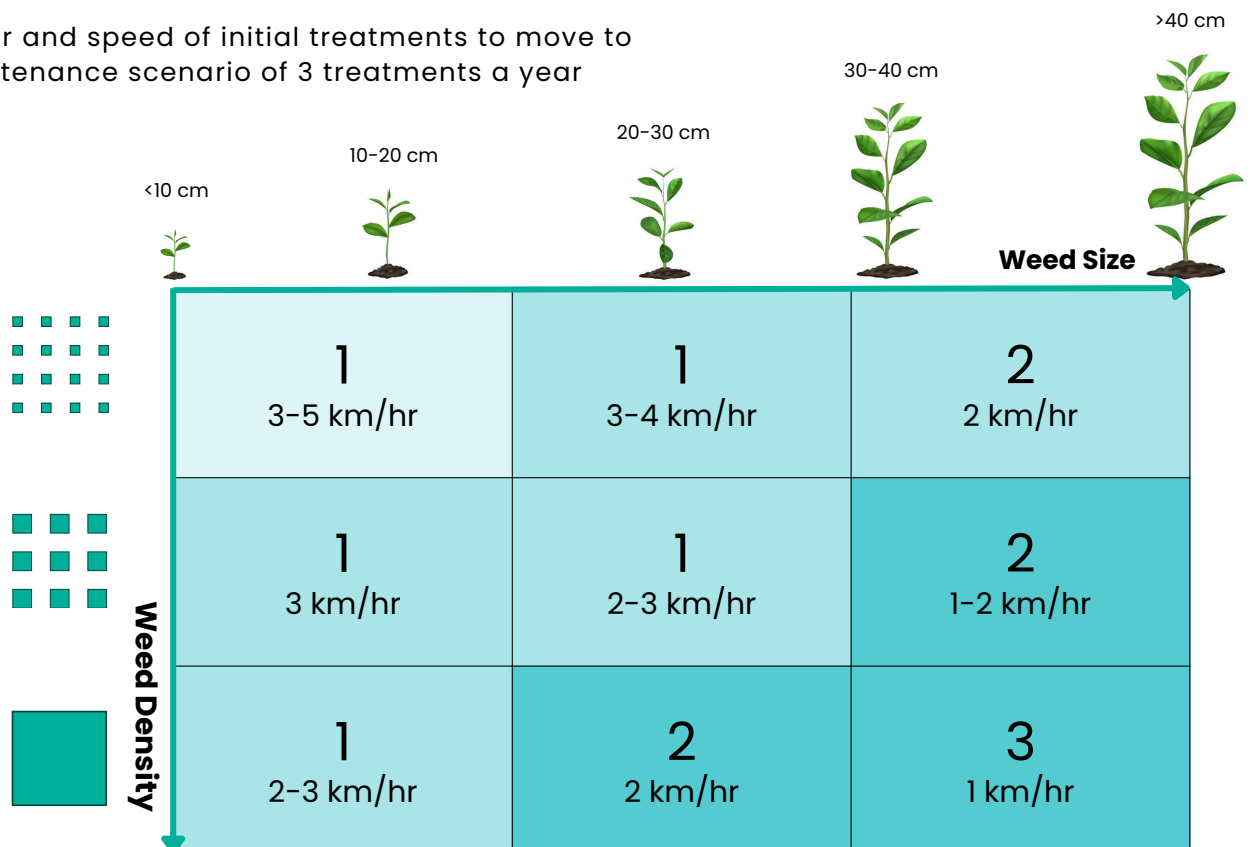
Reactive: continuous measurement of weed and soil to adjust power

Accurate: system automatically distinguishes weeds from crop

Automatic: treatment arms sense the crop and engage break-back function moving arms in-between and around crop whilst continuously treating weeds

Treatment

Number and speed of initial treatments to move to a maintenance scenario of 3 treatments a year



Treatment schedule is based on RootWave experience from small plot field trials in UK conditions. The actual number and speed of initial treatments may differ according to site specific scenario and grower requirements.

Order now

and receive a free 3-year warranty

Significant grant funding available

- £50,000 via Defra Farm Equipment & Technology Fund (FETF422)*
- Further grant funding available

Usage Payment

Receive annual payment of £101/ha (for 3 years) when using the eWeeder* as an action for precision farming in the combined environmental and land management offer.



*application for grants and payments are responsibility of landowners and growers

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