

REVOPLAST

BY MAQUINAPLANTADORA

8 IN 1

GPS RTK

ZERO HERBICIDE

The GPS planting that lays the plastic mulch on the very first pass

8-in-1 GPS-guided mechanized planting · Vineyard · Olive · Almond · Orchard

THE PROBLEM

Laying the plastic is still an operational bottleneck

In mulched crops, operations remain fragmented, costly and hard to make reliable.



BEFORE REVOPLAST

- 1 Staking and line correction
- 2 Planting, staking, watering
- 3 Drip line installation
- 4 Plastic placement
- 5 Punching, alignment, touch-ups

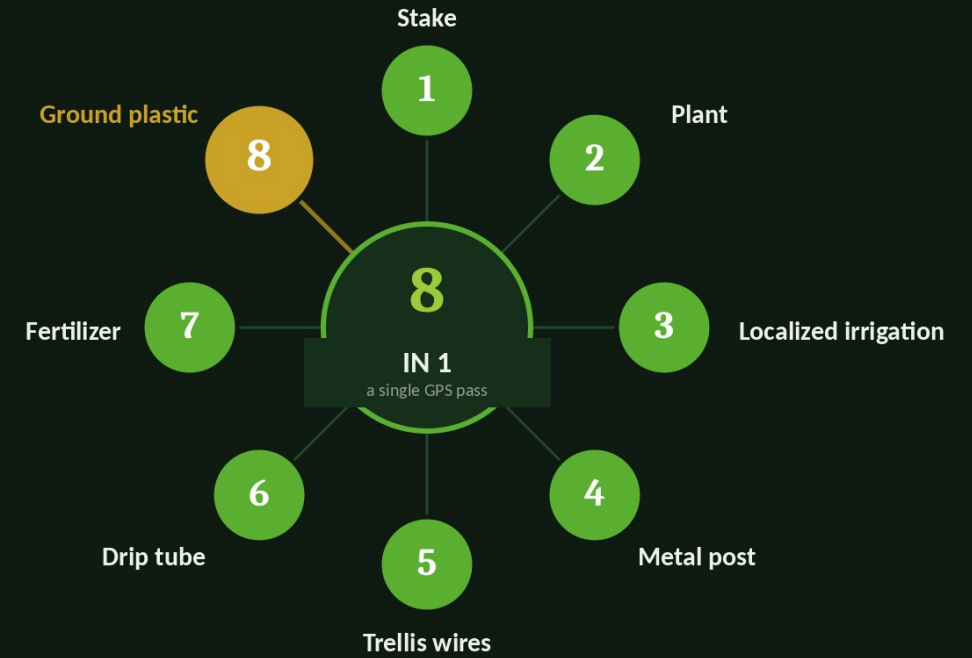


Consequence more passes, more time, more risk of errors and more compaction.

THE SOLUTION

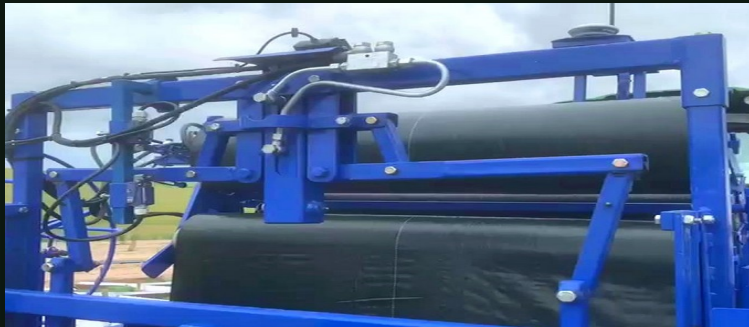
An 8-in-1 planting machine

REVOPLAST turns a complex agricultural sequence into an integrated, GPS-guided operation completed in a single pass.



The core innovation

Transport + punching + unrolling of the plastic roll, synchronized with planting.



THE PRINCIPLE

From the GPS plan to the protected row

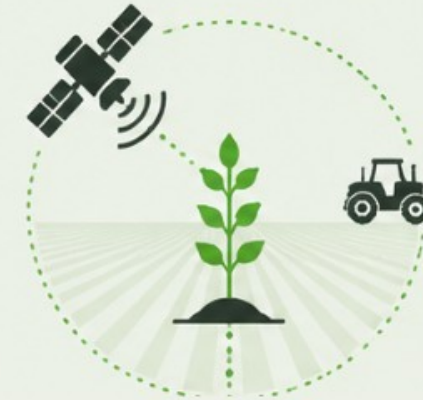
REVOPLAST doesn't just add an accessory: it synchronizes the row, the plant, the water, the supports and the mulch.



Result an agronomically ready row — more uniform, more protected, easier to manage from planting day.

PRECISION & SYNCHRONIZATION

GPS technology for a fully controlled planting



Centimetric precision

Every element placed in the right spot, at the right time.



Perfectly straight row

A uniform layout across the whole plot.



Time savings

Everything done in one pass, with no extra intervention.



Better establishment

An optimal start for lasting productivity.

THE DIFFERENTIATION

The plastic becomes a planting operation

Instead of laying the mulch afterwards, REVOPLAST integrates it mechanically and spatially into the planting project.



GPS synchronization

The position of the plant, the stake and the hole in the plastic is consistent within the same pass.



Laying quality

The roll is unrolled and applied uniformly along the crop row.



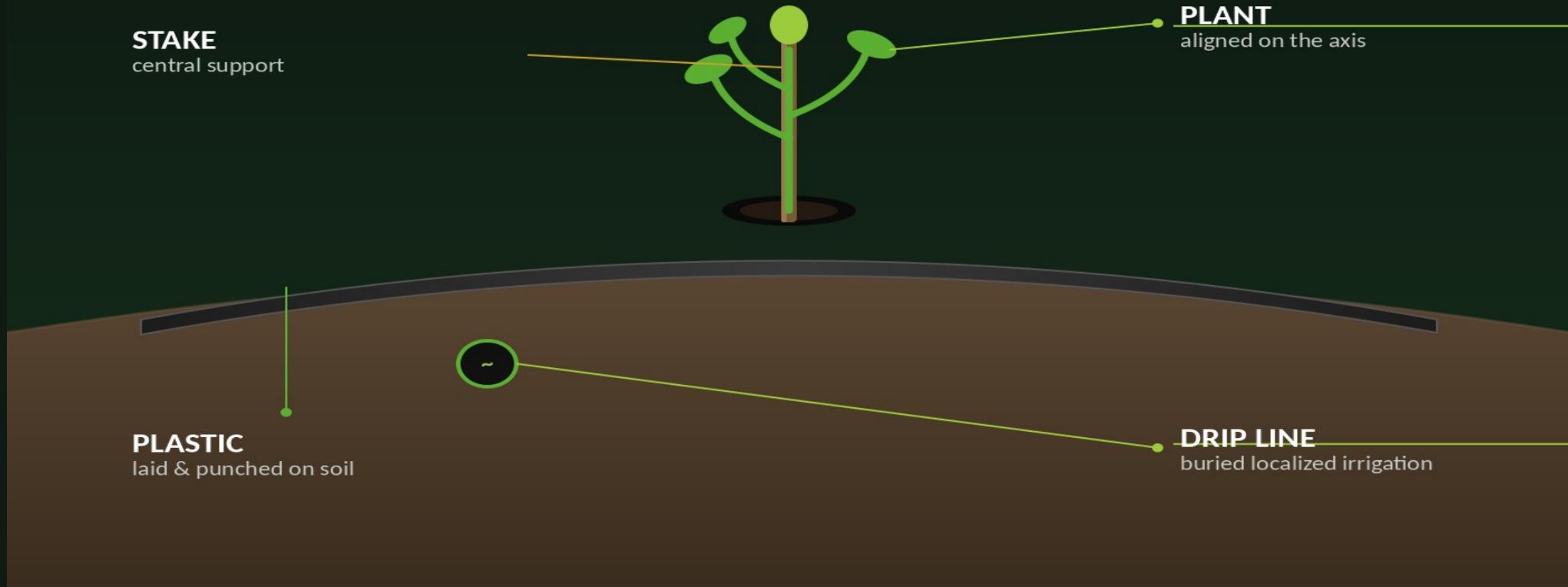
Fewer touch-ups

Fewer manual corrections, less risk of misalignment, better finish.



One row, four functions, a single axis

Plant and stake aligned on the plastic's central axis; buried drip line and localized irrigation — laid together.



A controlled start-up microclimate

Precisely placed mulch protects the row at the most critical moment: establishing the young plant.



Moisture

Water retained in the soil.



Weeds

Less competition, less need for herbicides.



Temperature

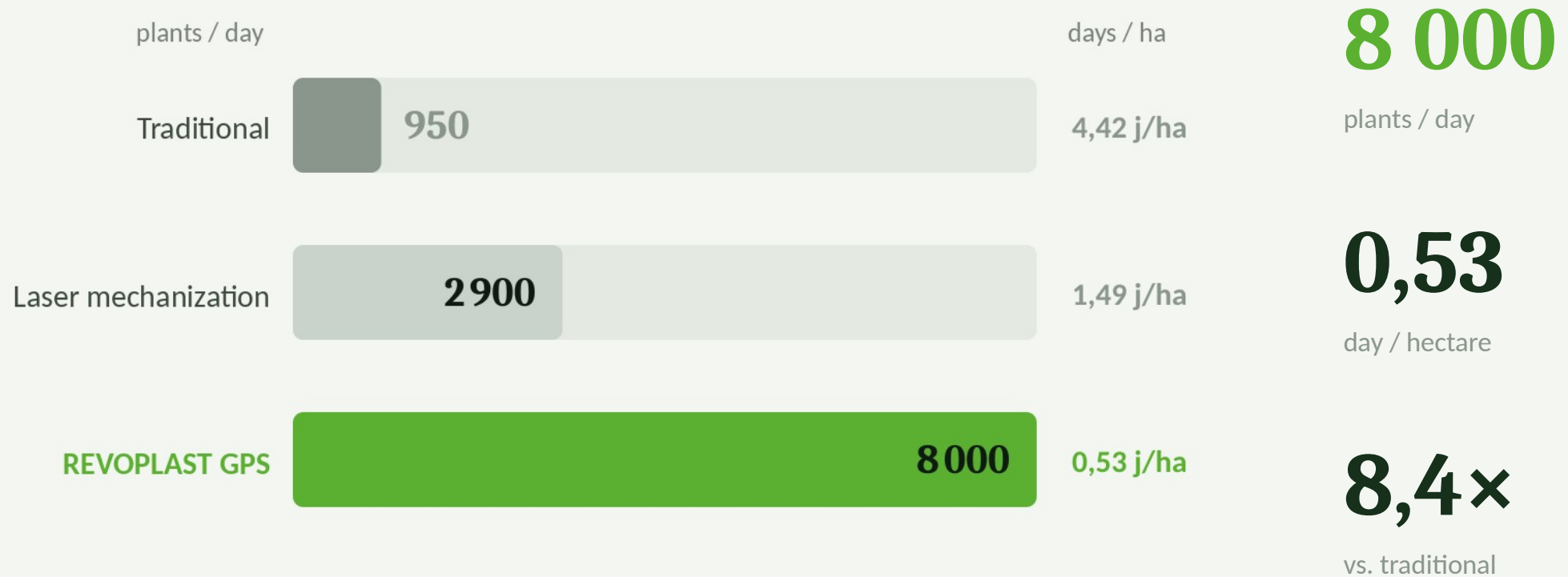
Thermal regulation of the soil at start-up



Quality

Uniform growth and better establishment.

Up to 8,000 plants / day, plastic applied



Assumption: 1 ha = 4,200 plants — REVOPLAST also lays the plastic in the same pass.

Fewer passes, more precision

The innovation rests on a sustainable principle: do it right the first time, with fewer field interventions.



Soil

Fewer passes and less compaction.



Water

Moisture retained, irrigation better used.

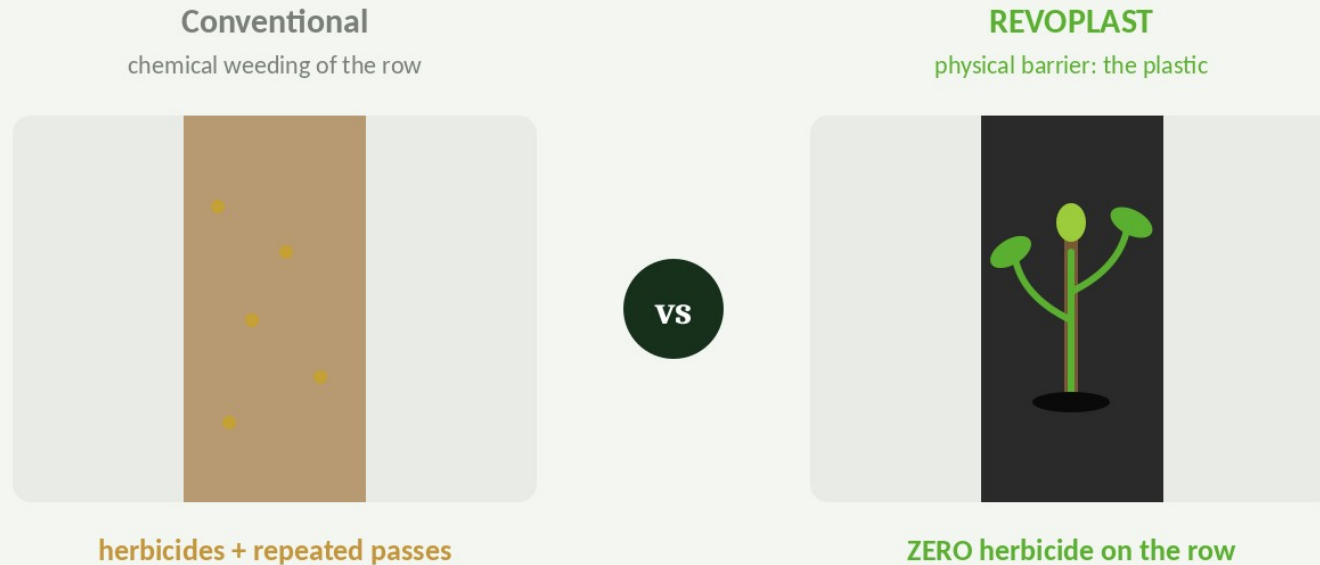


Inputs

Weed limitation, more targeted use of resources.

Zero herbicide on the crop row

Precisely laid mulch acts as a physical barrier: it smothers weeds with no chemistry on the row.



Physical barrier

The film blocks light: no weed emergence on the row.



Less chemistry

Clear reduction in herbicides and pressure on the plot.



More biodiversity

A leaner agriculture, aligned with the sector's expectations.

A greener footprint, reusable materials

The innovation extends MAQUINAPLANTADORA's sustainability: do it right the first time, value resources and reuse materials — including the application film.



Reusable plastic

Recoverable and revalued film, or biodegradable certified to EN 17033.



Water preserved

Moisture retained under the film, localized irrigation better used.



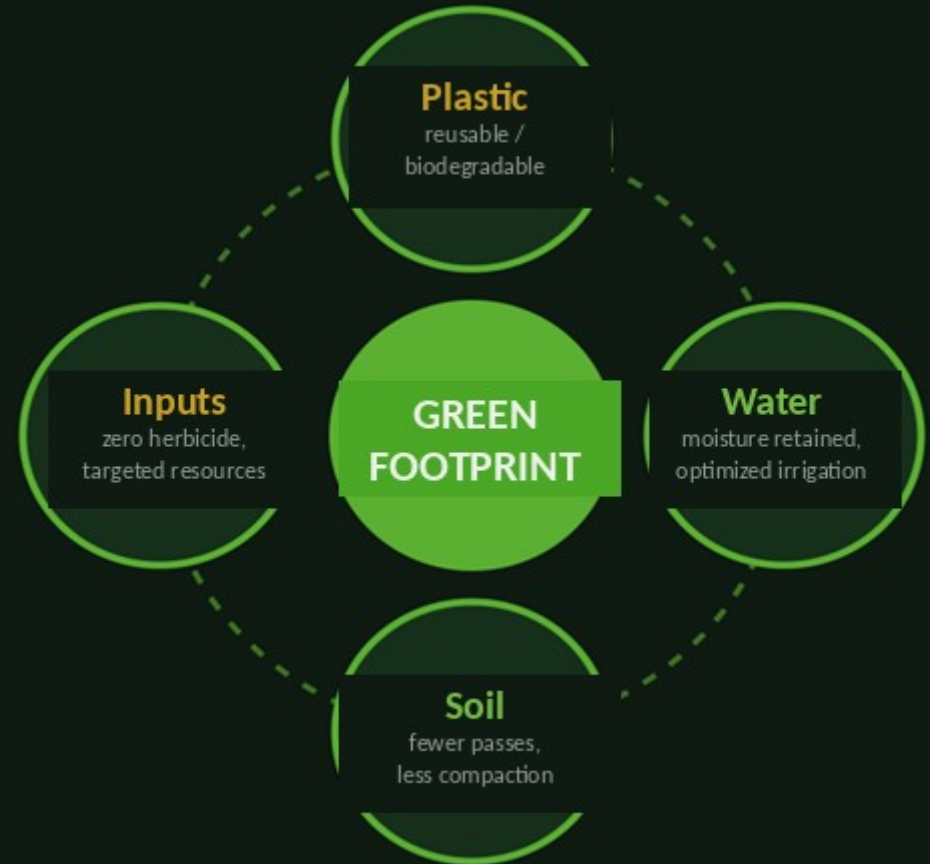
Protected soil

Fewer passes, less compaction, preserved structure.



Targeted resources

Zero herbicide on the row, inputs applied where needed.



An innovation that reduces physical strain

Fewer manual operations: less exposure, less handling, less fatigue.



Fewer manual touch-ups

Aligned, coordinated laying reduces ground-level corrections.



Less repetitive handling

One integrated operation replaces several successive stations.



Better risk control

GPS precision and automation reduce improvisation.



Simplified organization

A single work logic, steerable and controllable in real time.



Vineyard, olive, orchard, market gardening, others...

REVOPLAST is aimed at farms seeking precision, row protection and fast establishment.



Diffusion potential reinforced by MAQUINAPLANTADORA's international experience, already a world reference in GPS-mechanized planting.

Innovation is not a promise, it's a track record

REVOPLAST belongs to a line of GPS equipment already industrialized and internationally recognized.

45+

machines in operation

25 M

plants / year

GPS RTK

high-precision alignment

8 in 1

the new step



Plant better, the first time

REVOPLAST changes when soil protection enters the farming process: no longer after planting, but during planting.

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