A REVOLUTIONARY NEW TRELLISING SYSTEM FROM NEW ZEALAND

ECO TRELLIS® offers a complete vineyard trellising solution.

ecotrellis.com
Since 2009, NZ Tube Mills product development engineers have worked closely with winegrowers and viticulturists to develop ECO TRELLIS® steel posts and clips. Their research involved intensive testing of steel posts used in New Zealand vineyards to analyse success and failure rates in extreme weather conditions and thus determine a safety range for the ECO TRELLIS® post design.

Research and testing covered:

▶ Strength in high winds
▶ Load-bearing capacity for full canopies
▶ Ability to withstand machine-harvesting and pruning – unlike wood, the steel post can flex and maintain its strength
▶ Ease of installation and ongoing maintenance
▶ Development of a patented footing at the base of the intermediate posts to provide up to four times more retention than alternative systems

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“Many companies have tried in the last decade, but only ECO TRELLIS® has been prepared to make the investment in product development and testing to get the product right.”

Marcus Wickham
VITICULTURIST AND KLIMA DIRECTOR
Marlborough, NZ

"The combination of using KLIMA and ECO TRELLIS® innovations is the most technologically advanced thing to have happened to our business. We have been able to make amazing savings on the labor costs of running our vineyards. ECO TRELLIS® also allows fits well with our approach to organic winegrowing."

James Aubrey
VITICULTURIST
JANZ Yalumba, Tasmania
BENEFITS OF **ECO TRELLIS®** VERSUS THE T-POST AND LINE STAKE SYSTEMS

- The traditional VSP systems most often used in the United States do not allow for mechanical pruning.
- Those systems require more posts per acre than the ECO TRELLIS® system.
- This means that ECO TRELLIS® offers significant savings when a vineyard is first planted.

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**Patented Clips**

High-strength nylon clips are subjected to stringent laboratory testing to ensure superior overall quality. Simple to insert by hand, they also work well with automated vine-stripping applications. The clips are also available in different colours to aid wire positioning.

- Rotalock Dual Hook
- Rotalock Permanent Wire Clip
- Rotalock Self-Releasing KLIMA Clip Black
- ECO TRELLIS® Plug
- Rotalock Single Hook
- Rotalock Self-Releasing KLIMA Clip Red

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**Patented footing**

A patented footing (bulge) at the base of the intermediate posts gives up to four times more retention than an alternative post. If the soils are undulating, the ground retention (only if required) flange plate prevents lifting or sinking under the base of the post.

- **Bulge**
- **Flange**
To allow current US trellising to be used with the KLIMA Cane Pruning System ECO TRELLIS® has developed the patented ‘clamp-on’ ECO SLEEVE®. This is compatible with US T-Posts. Premier crossarms available for other post systems.

ECO SLEEVE®

The KLIMA Cane-Pruner has halved our stripping-out costs and given our team more time to concentrate on making the cuts. The need for casual labor is now minimal. Using the KLIMA cane pruner has given us much more control in the vineyard which has lead to better canopy management, increased yields and improved vine quality.

Matt Oliver VINEYARD MANAGER
Huia Vineyards Limited, Marlborough, NZ

RETROFIT WITH ECO SLEEVE®
and Premier Crossarms

ECO TRELLIS® AND KLIMA

KLIMA has developed, refined and now sells a highly efficient vineyard pruning system, consisting of a revolutionary machine which is mounted to a tractor or a harvester coupled with an extensive range of highly effective ECO TRELLIS® products, provides significant labor saving opportunities.

Today KLIMA pruning machines and ECO TRELLIS® products are used by the world’s leading viticulturists in vineyards. KLIMA products are saving substantial dollars in vineyard labor costs.

www.kilma.co.nz
THE ECO TRELLIS® ADVANTAGE

- Meticulous research and testing, followed by a comprehensive product-development process in the vineyard.
- Environmentally friendly, free of contaminants (thereby eliminating potential ground leaching) and reflecting sustainable and organic winegrowing philosophies.
- Made from high-strength galvanised carbon steel coated with a thick layer of zinc, ensuring high durability against corrosion – posts are welded longitudinally to provide additional strength to counter the pressures of mechanical pruning and harvesting.
- Fully recyclable, with a life expectancy of 15 to 20 years plus, after which posts can be replaced and the discards returned for recycling.
- Simple installation with the flexibility of variable clip height; round profiles allowing easy post orientation; and manual attachment of wire clips.
- High density ultra UV resistant nylon clips.
- Lightweight and safe through use of posts with rolled ends, making end caps unnecessary.
- Guarantee against any material or manufacturing fault.
- 2 ½ “dia x 18 g – standard 8 foot posts – alternate lengths also available.

“ECO TRELLIS® is a very good product and looks far superior to any other steel post that I have seen in Australia. They certainly offer significant advantages over wooden posts in our part of the world. I will be using them exclusively from now on in my own vineyard.”

James Thorpe, VITICULTURE MANAGER
Nova Vita Wines, Adelaide Hills, South Australia
We have run trials with ECO TRELLIS® to identify the best steel vineyard posts as they suit our narrow vineyard rows. We prefer a narrow canopy to allow greater light exposure and air movement amongst the grapes and vine canopy. The narrow vineyard layout also provides a higher vine density, which in turn produces enhanced fruit intensity in the grapes. The ECO TRELLIS® team has been very helpful in adapting the steel posts to our needs. Nothing has been a problem. We recently planted our new vineyards using ECO TRELLIS®.

Gus Struthers  GENERAL MANAGER  Indevin and Bankhouse Wines, Marlborough

Photo credit: Indevin Bankhouse, Marlborough, NZ