



trellising systems and accessories

. about CarmoFarm

At CarmoFarm, we know that a good trellis support and conducting **structure is essential to the success of a crop**. That is why we combine technical excellence with top-quality materials, ensuring solid and durable structures that support the growth and productivity of your crop.

Wood we are.



2 FACTORIES
PEGÕES
OLIVEIRA DE FRADES



**+40 YEARS
OF EXPERIENCE**



**+50 EXPORT
MARKETS**



+50% € EXPORTS

. wires & accessories



Agriculture uses posts, **wire** and **accessories to support and guide plants**. Those we manufacture and offer at CarmoFarm are made from **robust, long-lasting materials**. As such, on top of the posts we manufacture, we offer a wide range of wire and accessories used for professional connecting and tensioning, with several benefits:

- **Fast, efficient assembly:** reduced labor and installation time thanks to Gripple, Fenox and other purpose-built accessories.
- **Long-lasting and technically reliable:** robust components that are resistant to wear and repeated stress.
- **Simplified maintenance:** quick repairs without having to completely disassemble the structure.
- **High versatility:** accessories designed to be used with planting stakes, wood and metal posts, among other supporting structures used in crops and fencing, resulting in modular, customizable systems.
- **Uniform finish:** a professional look with neatly aligned, sturdy fasteners.





. products



ACCESSORIES FOR ANCHORING, CONNECTING, TENSIONING, AND REPAIRING WIRE

At CarmoFarm, we are the exclusive distributor in Portugal, Spain, and France of Gripple products for agriculture. These accessories are used to connect, **tension, and repair wires in agricultural systems such as vineyards, olive groves, orchards, and fences**. This partnership has been in place for decades and is in line with the group's strategy of offering high-quality products with a strong value proposition.

Gripple Agriculture products are the industry standard for the installation, tensioning, and maintenance of crop support and conducting structures and offer unique technical features with clear benefits:

- **Join and tension at the same time:** With Gripple accessories, you eliminate the need to tie the wire and use traditional methods.
- **Greater versatility:** Gripple products are suitable for most types of wire, from conventional steel to professional-grade high-tensile wire, even with different diameters.
- **Save time and effort:** From initial installation to maintenance and repair, Gripple products are quick and easy to install, creating a safe, professional finish that is simpler than conventional methods.
- **Cost-effective repairs:** Gripple materials make repairs easy: with just two Gripple Plus, you can repair an entire section of wire.



FENOX RANGE

Faynot, founded in 1912, is a manufacturing company that processes metal in the form of wire or strip, specializing in the **production of agricultural accessories under the Fenox brand**, specifically for the installation and maintenance of plantations and support and training **structures for crops**. Fenox offers a complete range of accessories for your agricultural project, offering multiple benefits:

- **Ease of installation:** Fenox products are designed to be simple to assemble and install, saving time and effort.
- **Canopy Management:** The Fenox range plays an essential role in vineyard canopy management, promoting healthy growth and minimizing the risk of disease and pests.
- **Vineyard Production Management:** By making the process more efficient and reducing the risk of damage, it is possible to achieve higher productivity and better harvest quality.





. products

WIRE

With the right structure, it is possible to **control the amount of fruit produced, maximize sun exposure, improve ventilation**, and provide adequate support for **healthy growth**. The combination of these factors contributes to the production of high-quality products.

- **Klasse Carmo:** The result of applying new production technologies to meet the specific needs of vineyards, orchards, and olive groves, Klasse Carmo wire guarantees high performance through reinforced galvanization, lower elongation than its counterparts, and controlled-tension coiling, allowing for more efficient uncoiling.

DIAMETER (MM)	METERS/COIL	RESISTANCE IN KG/MM ²	KG/ROLL	STRETCHING IN %
1.8	1250	70/90	25	10%
2.0	1000	70/90	25	10%
2.2	825	70/90	25	10%
2.5	650	70/90	25	10%
2.8	515	70/90	25	10%
3.0	450	70/90	25	10%



- **Crapal Evolution:** A wire bearing the ArcelorMittal mark, supplied with a Zn+Al galvanized coating. It has twice the service life of a wire with triple galvanization per EN 10244-2; a smooth, durable surface—excellent adhesion and coating uniformity. It offers superior strength and tensile strength, and lower elongation (comparison table).

DIAMETER (MM)	RESISTENCE IN KG/MM ²	BREAKING LOAD (KG)	ELONGATION IN %
COMMERCIAL GALVANIZATION			
2.70	40/50	255	20
3.00	40/50	315	20
3.50	40/50	450	20
CRAPAL EVOLUTION			
2.00	75/95	295	8
2.20	75/95	355	8
2.50	75/95	450	8



