



SUPPORTING & PROTECTION



SOLUTIONS

Design and implementation of the best technical solutions for the vineyards and orchards of our customers, following the options related to their needs and supporting them throughout the life of the installed systems.

By choosing a Valente system, you invest in success.

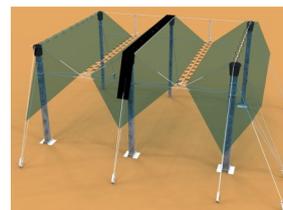


ANTI-RAIN SYSTEM



Anti-Rain system consists of a tensile structure made of concrete posts that are connected to each other by wires and cables and kept under tension by the anchorages (anchors or cement plates) installed in the ground.

The cover consists of an anti-rain film and, if needed, an anti-hail net, which are simultaneously opened to protect the plants against adverse weather conditions.

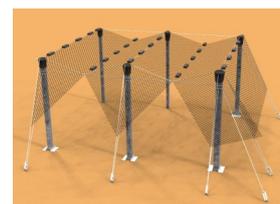


ANTI-HAIL SYSTEM



Anti-Hail system consist of a tensile structure made of concrete posts that are connected to each other by wires and cables and kept under tension by the anchorages (anchors or cement plates) installed in the ground.

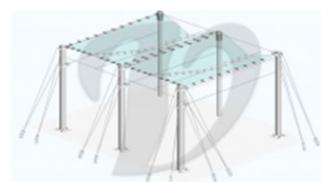
Above this structure, a net fully covers the rows of fruit plants. The net is fixed film by film and is slightly larger than the rows, until achieving an inclined position aimed to confer the right amount of elasticity to bear stress from hail. Furthermore, between one film and the other, small openings allow hail stones to flow out.



SHADING SYSTEM



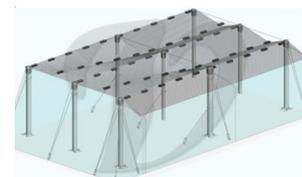
SIKURO SOLE PLUS system has a max. height of 5 m above the ground and can protect all orchards cultivated with V-shape, vase or for tall plants, plant nurseries and full plant structures. Structure is built with P.R.C. posts set at a max. distance of 8 m, connected lengthwise and transversally with wires and cables anchored to the ground all along the perimeter, ensuring safety and stability.



INSECT-PROOF SYSTEM



Insect-Proof system The real "cancer" of orchards are insects such as the *Drosophila Suzukii*, the so-called "fruit fly", that has laid siege to European orchards in the last few years striking different species of fruit and *Carpocapsa*, a little butterfly or moth, lethal for apple trees, which is pink larvae with brown head penetrate fruit while still green, digging out tunnels until reaching the seeds.



ORCHARDS



The structure of each system depends on the customer's type of cultivation. The type of plantation can now be summarized into five categories (Spindel, Superspindel, V-shaped, Y-shaped, Vase and Pergola), which are the most technologically advanced international standard structures that ensure quality production standards.

The type of plantation is designed according to several variables. The most important variables are:

- the land and climatic conditions of the area
- the types of plants, their rootstocks and density
- the possibility to protect plants from the weather
- the most suitable irrigation system
- protection against frost

VINEYARDS



Choosing the right type of installation depends on an in-depth technical study. A vineyard should be designed around the mechanical operation of the various crops and protection from the weather should be taken into account when planting vines. There are many choices to be made and most decisions are made while the system is installed: this is why it requires a precision system.

In order to choose the most appropriate solution, farmer must be able to rely on the experience, reliability and professionalism of experts.

Most common systems:

- Espalier
- Pergola/GDC
- Free Cordon

SAFE AND RESISTANT SYSTEMS BASED ON ADVANCED TECHNOLOGY

CONTACT US FOR THE RIGHT SYSTEM BASED ON YOUR NEEDS