



" 30 years working alongside the agricultural sector "

www.criadoylopez.com

TAILOR - MADE AGROTEXTILE SOLUTIONS



MANUFACTURERS AND DISTRIBUTORS OF AGROTEXTILES (Nets and Non woven fabrics) as well as PLASTIC DISTRIBUTORS and accessories for agriculture.

PRESENT IN MORE THAN 20 COUNTRIES

Since 1989, we work to provide farmers with solutions ad hoc, being pioneer in producing tailor-made fabrics for agricultural protection.

30 YEARS OF EXPERIENCE

We have experience of more than 30 years in the agricultural market. In our facilities of approx. 40,000 m2 (including our own laboratory, experimental greenhouse and a production plant with more than 6,000 m2), we have the necessary technology to cut and manufacture the nets and non woven fabrics according to the needs of the clients.

ENVIRONMENTAL PROTECTION

We firmly believe in protecting the environment. For us, agro-textiles are "ecological solutions" that reduce the need to use chemical elements in crops, positioning ourselves as the only green alternative to protect your crop.

CONSTANT INNOVATION

We collaborate with our Suppliers, Clients, Laboratories, Research and Development Centers as well as with Universities with the aim of improving and developing new products, allowing us to anticipate the needs of the farmer and his crops.

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BRAND NETWORK

KEY ICONS:

- > Small fruits (Blueberries, berries, raspberries, strawberries, cherries ...)
- > Stone fruits (Grapes, plum, peach, pear, apple, apricots ...)

> Citrus (Orange, lemon, lime ...)

> Tropical and subtropical (Kiwi, mango, banana, avocado ...)

> Vegetables (Tomato, cucumber, pepper, zucchini, aubergine, lettuce, cauliflower ...)

> Summer fruit (Watermelon and melon)

> Greenhouse crop (Tunnel and macro-tunnel greenhouse ...)

> Any vertical crop



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QUALITY AND R&D

"Criado & López always takes into consideration its customers because quality is a fundamental concept attached to our infrastructure and qualified team to guarantee full satisfaction, in accordance with our quality policy."

Our products follow a strict quality control check, traceability and after-sales service therefore offering a quick response to our customers' needs.

Criado & López has the AENOR and IQNET Certificates in ISO 9001 which ratify our highest quality standards. Certificados AENOR e IQNET en ISO 9001 which confirm that we meet the highest quality standards.

LABORATORY EQUIPMENT

* We have the latest equipment to guarantee our customer with a certified product that is of excellent quality and long lasting.

ACCELERATED AGING TEST CHAMBER

GEOMETRIC FEATURES

UNIVERSAL TESTING MACHINE

AERODYNAMIC PROPERTIES

LIGHT TRANSMISSION

ASSESSING THE EFFECTIVENESS

ANALYSIS OF EXTERIOR LIGHT AND THERMAL EFFECT







R+D+I

Criado & López is always on the move to improve and innovate; as a result our Research and Development Department strives to improve its products and applications.

> We improve our process performance by minimising manufacturing and fabric elaboration defects.

Characterization of the products of Criado & López:

> Assessment of durability and stretch curve of the materials over time, and after the exposure to weather conditions.

 > Measurement of the interaction with solar radiation, by studying the transmission and diffusion of light.
> Its behaviour when exposed to rain.

We develop innovative and high-performance products, by measuring parameters through selected or designed devices for this purpose and in collaboration with qualified bodies such as universities, research institutes or companies.

MAIN RESEARCH TOPICS

TEMPERATURE CONTROL

AIR FLOW

SAVING WATER

DIFFUSION OF LIGHT

RAIN CONTROL

RESISTANCE







* Detailed image of CyLhail 2,6*3 Warranty: 7years

CyLhail 2,6*3 Anti-hail reinforced

This net is specially manufactured to make hail bounce off and fall to the ground while ensuring that the structure withstands the weight and does not damage the crop. It is the best insurance policy for your crops. This product is designed to protect fruit trees, vineyards and other plantations against hail.

APPLICATION

> Shade House-type cover for greenhouses.

- > Coverage of fruit trees and vines.
- > Suitable for reducing strong sunlight.

BENEFITS

> Total protection against hail storms.

> It allows the passage of light, air and water.

CHARACTERISTICS

- > Option of installing grommets, polyester thread, etc.
- > Tailor made dimensions for easy installation.
- > Width(m): 1'2 2'5 3'2 3'5 3'75 4 4'2 4'5 5
- > Colours: Crystal / Black / Pearl-Black.

SUITABLE FOR CROPS



VEGETABLES







CyLnet 6*6 Windbreak / Mosquito net

Anti-insect nets are designed to protect plantations therefore prevent large size insects from entering the greenhouses and the areas of crops. Such insects can be harmful for plants as they could carry viruses and other diseases, as a result the commercial value of fruits is diminished. At the same time , windbreak nets help to control air on the crop, avoiding any parachute effects and preventing any damage to structures and plants.

APPLICATION

- > Shade House-type cover for greenhouses.
- > Windbreak hedges.

BENEFITS

- > Prevents entry of large insects.
- > Offers maximum ventilation possible.
- > Significantly reduces wind speed.
- > Can be used as a sunshade depending on the color of the threads, preventing the effects of heat stress.

CHARACTERISTICS

- > Option of installing grommets, polyester thread, etc.
- > Tailor made dimensions for easy installation.
- > Width(m): 1 1'5 2 2'5 3 3'5 4 4'5 5
- > Colours: Crystal / Black / Crystal Black.









FRUIT TREES











* Net dimensions based on the number of threads per cm2.



CyLnet 6*9 Windbreak / Mosquito net

Anti-insect nets are designed to protect plantations therefore prevent large size insects from entering the greenhouses and the areas of crops. Such insects can be harmful for plants as they could carry viruses and other diseases, as a result the commercial value of fruits is diminished. At the same time , windbreak nets help to control air on the crop, avoiding any parachute effects and preventing any damage to structures and plants.

CyLnet 6*9 provides greater protection than the CyLnet 6*6 against large insects and strong winds.

APPLICATION

- > Shade House-type cover for greenhouses.
- > Windbreak hedges.

BENEFITS

- > Prevents entry of large insects.
- > Significantly reduces wind speed.
- > Can be used as a sunshade depending on the color of the threads, preventing the effects of heat stress.

CHARACTERISTICS

- > Option of installing grommets, polyester thread, etc.
- > Tailor made dimensions for easy installation.
- > Width(m): 1 1'5 2 2'5 3 3'5 4 4'5 5
- > Colours: Crystal / Black

SURTPOPICAL

SUITABLE FOR CROPS













CyLnet 10*8 Drosophila Suzukii

Anti-insect net is designed to protect plantations by preventing the entry of large insects which harm the plants' health since they carry viruses and other diseases and reduce the commercial value of the plants. CyLnet 10*8 is specially designed in conjunction with Agrotextile Laboratory of the University of Almería (Spain) to achieve 100% effectiveness against Drosophila suzukii while providing the maximum possible ventilation.

APPLICATION

- > Shade House-type cover for greenhouses.
- > Installation on greenhouse zenith and/or lateral windows.

BENEFITS

- > Reduces access of insects such as houseflies and thrips.
- > Provides 100% effective protection against Drosophila suzukii and the maximum possible ventilation.
- > Allows reduction in pesticides hence contributes towards the betterment of environment.
- > Especially recommended for stopping the Tuta Absoluta access.

CHARACTERISTICS

- > Tailor made dimensions for easy installation.
- > Width(m): 1-1,5-2-2,5-3,3,5-4-4,5-5
- > Colours: Crystal.

SUITABLE FOR CROPS





BERRIES

FRUIT TREES









^{*} Net dimensions based on the number of threads per cm2.



* Detailed image of CyLnet 10*16 (40 mesh) **Warranty: 5 years**

CyLnet 10*16 (40 mesh) Anti-Thrips / Maximum ventilation

Since they cause severe damage to the fruit and the health of the plant, thrips and aphids are among the worst enemies of farmers and their plantations. Our CyLnet netting are effective against this type of insects that reduce the commercial performance of the crop.

The variety of pore size in the available textiles enables you to select the most appropriate net for your crop, taking the ventilation, humidity and temperature needs and the pests that may affect the plantation into account.

APPLICATION

> Shade house-type cover for greenhouse.

> Installation on greenhouse zenith and/or lateral windows.

> Utilised to protect seedbeds where we want to avoid entering any thrips, aphids and other insects.

BENEFITS

> The CyLnet 10*16 (40 mesh) offers the best protection possible against thrips, aphids.... with no elimination of ventilation.

> Fabric that is very useful for the greenhouses where temperatures are very high and there is a need for better ventilation.

CHARACTERISTICS

> Option of installing grommets, polyester thread, etc.
> Tailor made dimensions for easy installation.
> Width(m) : 0,5-1-1,5-2-2,5-3-3,5-4-4,5-5
> Colours: Crystal / Black.

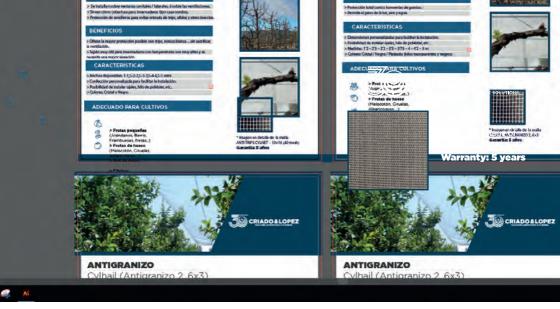
SUITABLE FOR CROPS











The variety of pore size in the available textiles enables you to select the most appropriate net for your crop, taking the ventilation, humidity and temperature needs and the pests that may affect the plantation into account.

APPLICATION

> Shade house-type cover for greenhouse.

> Installation on greenhouse zenith and/or lateral windows.

> Utilised to protect seedbeds where we want to avoid entering any thrips, aphids and other insects.

BENEFITS

> Optimum balance between the ventilation required for the crop and pest control.

> Has a smaller pore than CyLnet 10*20, improves the protection against aphids and thrips.

CHARACTERISTICS

> Option of installing grommets, polyester thread, etc.

> Tailor made dimensions for easy installation.

> Width(m): 0,5-1-1,5-2-2,5-3-3,5-4-4,5-5

> Colours: Crystal / Black.

SUITABLE FOR CROPS











CyLnet 10*22 (55 mesh) Anti-Thrips / Whitefly

Since they cause severe damage to the fruit and the health of the plant, thrips and aphids are among the worst enemies of farmers and their plantations. Our CyLnet netting are effective against this type of insects that reduce the commercial performance of the crop.

The variety of pore size in the available textiles enables you to select the most appropriate net for your crop, taking the ventilation, humidity and temperature needs and the pests that may affect the plantation into account.

APPLICATION

> Shade house-type cover for greenhouse.

> Installation on greenhouse zenith and/or lateral windows.

> Utilised to protect seedbeds where we want to avoid entering any thrips, aphids and other insects.

BENEFITS

> The CyLnet 10x22 (55 mesh) provides highly effective protection against insect like thrips.

> It provides highly effective against Bemisia tabaci (whitefly), which it achieves over 97% effectiveness.

CHARACTERISTICS

> Option of installing grommets, polyester thread, etc.
> Tailor made dimensions for easy installation.
> Width(m) : 1-1,5-2-2,5-3-3,5-4-4,5-5
> Colours: Crystal

SUITABLE FOR CROPS











CyLnet 13*31 Anti-Thrips / Whitefly (Maximum protection)

Since they cause severe damage to the fruit and the health of the plant, thrips and aphids are among the worst enemies of farmers and their plantations. Our CyLnet netting are effective against this type of insects that reduce the commercial performance of the crop.

The variety of pore size in the available textiles enables you to select the most appropriate net for your crop, taking the ventilation, humidity and temperature needs and the pests that may affect the plantation into account.

APPLICATION

> Shade house-type cover for greenhouse.

> Installation on greenhouse zenith and/or lateral windows.

> Utilised to protect seedbeds where we want to avoid entering any thrips, aphids and other insects.

BENEFITS

> It offers the smallest pore in the market achieving total protection against insects and maximum protection against thrips.

> This net is also used for the double doors of the greenhouse, isolating it from external threats.

CHARACTERISTICS

- > Option of installing grommets, polyester thread, etc.
- > Tailor made dimensions for easy installation.
- > Width(m): 1-1,5-2-2,5-3-3,5
- > Colours: Crystal.

SUITABLE FOR CROPS











CyLshade 50-65-80% Sun Shade

Excessive solar radiation can cause burning of plants and fruit. Our nets are designed to offer suitable shade for each type of crop. So, the farmer can get the maximum performance and no loss of production. These nets can also be used to cover reservoirs, parking lots, parks and public areas. The shading or masking nets are manufactured with monofilament threads and twine.

These nets avoid solar and water stress in plants therefore there is a significant improvement in their vegetative growth and acquisition of greater vigour in the leaves and fruit, as result increase in production.

APPLICATION

- > Protection against excessive solar radiation and high temperature.
- > Shade House-type cover for greenhouses.
- > Can be utilised to reduce the temperature in the greenhouse.
- > Utilised as a windbreak screen or crop concealment at the edges of plantation.

BENEFITS

- > Controls the amount of sunlight that reaches the crop and therefore
- stabilises the temperature inside the greenhouse.
- > Regulates the entry of air into the greenhouse.
- > Prevents sudden day/night temperature changes.
- > Reduces water consumption since it lowers the temperature that affects the plant.

CHARACTERISTICS

- > Diversity of shade types.
- > Option of installing grommets, polyester thread, etc.
- > Tailor-made dimensions for easy installation.
- > Width(m): 1 1'5 2 2'5 3 3'5 4 4'5 5
- > Colours: Silver / Green / Black.











CyLtutor Trellis Net

CyLtutor is a trellis net designed to help grow straight.

This trellis net encourages the growth and ventilation of the plant by fostering excellent training to obtain higher productivity per square metre. It is especially suitable for vertical horticultural crops such as beans, peas, peppers and raspberries.

APPLICATION

> Horticultural training.

BENEFITS

- > Rectification of stems during growth.
- > Straight stems, free of deformations.
- > Better plant ventilation.
- > Easy harvesting.
- > Better access for treatment products.
- > Greater productivity per square metre.
- > Smaller workforce required.

CHARACTERISTICS

- > Fast, easy installation.
- > Can be manufactured in various colours.
- > Tailor made dimensions for easy installation.
- > Large: 500 ml.
- > Colours: Green / Black.

SUITABLE FOR CROPS





VEGETABLES



VERTICAL CROP







CyLcover 105/130 grs. Ground Cover / Anti-Weed

This net, made from a woven polypropylene tape, is ideal for seed beds, greenhouses and nurseries. The non woven fabric prevents the growth of weeds between rows by impeding the passage of sunlight while allowing water to filter through, thus preventing the formation of puddles. It breathes and helps to provide the plant's roots with oxygen and nutrients. It is extremely tough and long-lasting and will continue to perform its function properly even if trodden on by workers and agricultural machinery.

This net can also be used to cover reservoirs. It prevents evaporation and keeps the water clean. Moreover, it filters the rainwater that falls on the pond area, ensuring that only clean water is stored.

APPLICATION

- > Ground cover adaptable to the plantation lines.
- > Application to crops in the exterior such as nurseries and greenhouses.
- > Reservoir cover: prevents growth of algae in tanks and ponds.

BENEFITS

- > Prevents growth of weeds between rows.
- > Allows water to drain.
- > Keeps humidity in the soil for longer periods.

CHARACTERISTICS

- > Optional installation of grommets, polyester thread, etc.
- > Option of including holes that fit the plantation framing.
- > Tailor made dimensions for easy installation.
- > Weight(gr): 105/130
- > Width(m): 1'05 2'10 3'30 4'20 5'25
- > Colours: Black / Green / White.

SUITABLE FOR CROPS















BERRIES



CyLbird Bird Netting / Extruded Anti-Bird Net

CyLbird is a net designed to protect crops and fruit trees against the action of birds.

Even the slightest peck mark on the fruit is a very serious threat to your crop because it can be a starting point for rot and at all events destroys its commercial value. Our netting respects the birds themselves as to stops them without causing injury.

APPLICATION

> Cover for plantations and orchard.

> The ideal protective system thanks to the high-strength netting that is also light, easy to install and adaptable to a wide variety of crop types.

BENEFITS

> Avoids any damages to crops caused by birds, such as pecking and rotting of fruit.

CHARACTERISTICS

> The anti-UV, bacteria, mould and chemical-resistant additives prolong its useful life.

> A strong, light bi-directional oriented polypropylene mesh highly resistant to deformation over time.

- > Tailor made dimensions for easy installation.
- > Measurements: Width: 2-4-5,2-5,9 m. Large: 1525 ml.
- > Colours: Black.









CyLnet Plast Rain protection cover

This net protects the fruit against cracking due to the nets waterproof laminated properties. These mechanical properties work by diffusing the light and preventing sun damage to the fruits. This net is stronger than usual plastic film.

APPLICATION

- > Coverage for shade house type greenhouse.
- > Used to protect fruit trees such as cherries and grapevines.

BENEFITS

- > Protection of fruit trees against rain and hail.
- > Prevents pathologies such as cracking.
- > Achieves more homogeneous fruit colouring.

CHARACTERISTICS

- >Totally impermeable.
- > Rings can be installed or holes can be included on the sides.
- > Net with lateral and central reinforcements (on request).
- > Width(m): 1 1'2 1'5 2 2'3 2'5 3 3'5 4 4'5 5
- > Colours: Translucent.









CyLnet Plast Plastic - Coated 1 or 2 Sides

Plastic-coated netting is doubly useful because it can be applied in the greenhouse for the lateral strips or in the open field to cover fruit trees with a strong, thin structure.

This net is very useful for controlling wind inside the greenhouse by using it on the lateral strips. It is tough and durable, with better mechanical properties than simple plastic. It also provides great diffusion of light, thus preventing the plants it protects from sun burns.

APPLICATION

- > Designed to protect the sides of the greenhouse and its zenith.
- > Coverage for shade house type greenhouse.

BENEFITS

- > Prevents the entry of insects.
- > Used on the lateral strips, it controls the wind in the greenhouse.
- > 10 times as strong and lighter than a plastic mesh.
- > Prevents sun burns on plants.

CHARACTERISTICS

- > Totally impermeable.
- > 1/2 sides plastic-coated.
- > Far more tear-resistant than plastic.
- > Option of installing grommets, polyester thread, etc.
- > Tailor-made dimensions for easy installation.
- > Widht(m): 1 1'2 1'5 2 2'3 2'5 3 3'5 4 4'5 5
- > Other widths (Double-sided plastic coated net): 8,5 10'5 12'30 m $\,$
- > Colours: Translucent.

SUITABLE FOR CROPS







TREES 2







CyLthermic

Non Woven crop cover

Our non woven are made with fabric that is resistant to solar radiation, designed to avoid frost, morning dew and entrance of small insects which can transmit virus such as New Dehli. The porosity of the fibre allows air and water to pass through, making sure a correct ventilation for the crop.

APPLICATION

> Non woven provides the crops protection against frost and viruses (New Delhi).

> Can be used in the open fields and in the greenhouses.

> Is installed spread over the crops as a floating cover, or supported by small arches.

> It is used for double roof in greenhouses.

>We also have a tube-shape blanket to protect fruit trees recently transplanted such as avocado, lemon or orange.

BENEFITS

> Protect against ultraviolet rays allowing the passing of solar light.

> Protect against frost hence increasing the crop temperature.

> Protection against rain and hail on fruit trees.

> Anti-insect barrier, which allows the avoidance or reduction of herbicide and pesticide use.

> Increases the crop advancement therefore improve its performance.

CHARACTERISTICS

> Standard resistance to UV radiation.

> Possibility of being tailored made to specific sizes according to customer's needs. Certain sizes are available with special lateral reinforcement.

> Regular widths(m): 1-1,2-1,5-2,5-3,2-4,5-6,4-12,8(R) (consult for other widths).

> Widths available for Tube Blanket : 0,3-0,4-0,5-0,8-1-1,5-2

> Colours: White.









Plastic Covers

Plastic covers are used in order to protect greenhouses. Apart from being protective, they bear effect on some variables that most affect the crop, such as light, temperature and humidity; therefore they protect the crop from their diverse effects by increasing the productivity. Depending on the plastic, it has special properties which adapt themselves to each crop, such as the thermal property, anti-drip effect, etc...

GAUGE	WARRANTY	COLOURS	CHARACTERISTICS
800 glg.	36 months	White / Yellow	Thermal 3000-5000 ppm
800 glg.	24 months	White / Yellow	Non thermal
800 glg.	36 months	White / Yellow	Non thermal
800 glg.	36 months	White / Yellow	Thermal 5000 ppm

CyLplast Water Collector

It's a 1,200-gauge plastic, with 2 or 3-year guarantee, and is especially designed to gather water in greenhouses. Besides, it may be delivered with polyester string, which offers increased resistance.





Plastic Mulch

A film made with linear low-density polyethylene which is resistant to traction, ripping, stretching and withstands very low temperatures. It preserves temperature stability and prevents weed growth. Types of mulch available: white, black and black-white. Plastic mulch gives multiple solutions depending on its colour:

> Black: it preserves temperature stability and prevents weed growth.

> White: it is rather focused on disinfection. Both of them are very resistant to traction, ripping, stretching and withstand low temperatures.

GAUGE	WARRANTY	COLOURS	CHARACTERISTICS
60/100 glg.	1 Use	Natural	
60/100 glg.	1 Use	Black	Microperforated /normal
170 glg.	1 Crop season	White / Black	Microperforated /normal
> 300 glg.	2 Crop season	White / Black	Microperforated /normal

Plastic Silaje





Plastic for double roof

The plastic for the double roof is a fine plastic which is used in winter months under the roof greenhouse cover to retain heat during the night time. Therefore it allows us to provide a better heat retention during the night giving the plants greater protection, it also protects the cover from chemicals.

WARRANTY	COLOURS	CHARACTERISTICS
1 Use	Natural	Thermal / no thermal - antivaho
1 Use	Natural	Thermal. High transparency Antivaho (Powerlux)
	1 Use	1 Use Natural

Plastic

Solarization / Disinfection

It is used when the process of disinfection is only employed with water. This plastic enhances the retention of ground heat to a maximum. It is essential to combine this plastic with roof plastic so that the greenhouse may receive possible sunlight.

GAUGE	WARRANTY	COLOURS	CHARACTERISTICS
120 glg. 100 glg. 120 - 150 glg.	1 Use 1 Use 1 Use	Blue Natural Natural	Thermal / non thermal - special disinfection Thermal. High transparency - special disinfection Thermal. High transparency - special solarization



Accessories STEEL WIRE

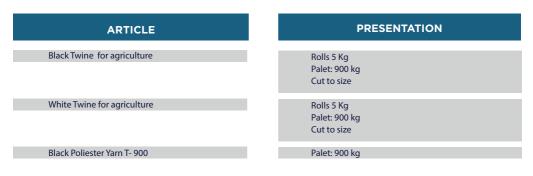
CORD

Cord / 1×7 = 5 mm Cord / 1×7 = 8 mm Cord / 1×7 = 6,4 mm Cord / 1×7 = 4 mm Cord / 1×7 = 6 mm Aluminium cord / 1×7 = 8 mm



BRAIDS

Triple galvanised steel braids/ 3 hilos – 3 mm Triple galvanised steel braids / 2 hilos – 3 mm Triple galvanised steel braids/ 2 hilos – 2,5 mm Aluminium braids / 1 x 2 x 3 mm Aluminium braids / 1 x 3 x 3 mm Aluminium braids / 1 x 2 x 2,5 mm



Accessories

Others

Our agriculture accessories are essential as well as varied. Thanks to these accessories, we can improve our harvest output and make our crops grow healthy and strong so that the produce is ready for commercialization.

> Flowerpot stand

- > Peat moss
- > Tomato clip
- > Garden post
- > Polyester string

> Greenhouse paint

- > Cord
- > Net clips
- > Connectors
- > Pole cap

BRAND NETWORK CRIADO & LÓPEZ





Our agricultural nets are manufactured and distributed from Spain, Mexico, Chile, Morocco and Peru. We are present on four continents.

Through our international delegations we serve our clients in more than 20 countries, meeting the needs of each of them on a daily basis.

SPAIN

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