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BENEFITS

1

Long-lasting: Composite bars are highly durable, enabling them to be reused for decades.

2

Plant support: The stakes and supports offer great support for young plants, evenly distributing the load and preventing deformation or breakage caused by the wind.

3

Environmentally friendly: The composite materials used in the stakes and supports are non-toxic and environmentally safe.

4

Resistance to mold and insects: Composite stakes and supports are immune to the spread of harmful insects, mold, bacteria, and fungi.

5

UV protection: Stakes contain a component that reflects UV rays, which prevents cracking or damage to the supports.

6

Corrosion and chemical resistance: The composite materials exhibit excellent resistance to chemicals, salt, and corrosion.

7

Lightweight: Composite materials are significantly lighter than wooden or metal poles, weighing only 8-9 times less than metal and 2-3 times lighter than wood.

8

Flexibility and smoothness: Composite materials' flexibility eliminates the load on the plant stem at tying points, ensuring smooth growth



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Composite supports are highly versatile and can be used to create various structures to support plants of all types, including grapes, young plants, seedlings, and vegetable crops like tomatoes and beans.

Fiberglass bars are an excellent option for trellis systems as they offer greater resilience and flexibility than wooden stakes while also being more affordable than metal ones.

Additionally, fiberglass stakes are highly reliable and durable, making them an ideal choice for supporting a wide variety of plant species.



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Fiberglass bars vs wooden alternatives

Durability

Durability: Fiberglass bars are much more durable than wooden bars, as they are resistant to rot, corrosion, and insects. They also have a much longer lifespan, typically lasting up to 80 years, compared to wooden bars which may only last a few years.

Strength

FComposite bars are stronger than wooden bars, and can support heavier loads without bending or breaking. They are also more flexible, which allows them to better withstand high winds or other environmental stresses.

Weight

Fiberglass bars are much lighter than wooden bars, making them easier to handle and transport. This also means that they put less stress on the structure they are supporting, which can be important in some applications.

Resistance to mold and insects

Composite supports are immune to the spread of harmful insects, mold, bacteria, and fungi. Bars are ideal for use in structures located in high humidity or insect-prone areas, offering superior durability and longer service life compared to traditional wooden materials.

Environmental impact

Fiberglass bars are generally considered to be more environmentally friendly than wooden bars. Wooden bars, on the other hand, require the harvesting of trees and may contribute to deforestation.

Cost

While fiberglass bars may have a higher initial cost than wooden bars, they can save money over the long term due to their increased durability and longer lifespan. They also require less maintenance, which can save time and money in the long run.



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