

Bezinal® Fruit Solutions

Maximize the fruits of your work

Wire solutions for fruit support and protection





**Are you ready to experience the benefits
of Bezinal® Fruit Solutions?**

Contact us today to learn more about our wire solution and how it can transform your orchard trellising and protection systems. Don't settle for anything less than the best - choose Bezinal® Fruit Solutions for unmatched strength, longevity, and environmental sustainability.



Easy installation, low maintenance

Long lifetime

No harm to soil and fruits

Light yet strong and flexible

Peace of mind

If you're a fruit grower, you need a strong and sustainable trellis and protection system for low maintenance and higher yields. Our wire solution is engineered to be flexible, allowing easy bending and shaping without compromising strength. Say goodbye to sagging and hello to a well-supported and flourishing orchard. With our Bezinal® coating, you can rest assured that you only need to concentrate on growing your fruit.

Growing fruits sustainably

Fruit orchards face harsh weather conditions that can impact yield. Bekaert is committed to reducing its environmental impact by reducing 46,2% of greenhouse gas emissions by 2030 and using 15% less water intake in water-stressed regions. Our ambition is also to increase our share of sustainable solutions to ~65% by 2030. Our aim is to help you increase yield without harming the environment. Let's establish new possibilities for growing fruits in a more durable and eco-friendly way.

Maximizing yield by thinking long-term trellising and protection

The advantages of Bezinal® Fruit Solutions



Easy installation, low maintenance

We understand that time is valuable, especially when it comes to managing an orchard. Our wire solution is incredibly easy to install, cutting down the time and effort required. Due to its low elongation, less maintenance is needed while still providing strong support. This system requires little maintenance, allowing you to focus on producing top-quality fruit.



Unmatched lifetime protection

Any crop protection system should provide reliable protection throughout the orchard's lifetime and beyond. Regardless of the weather conditions - heavy rain, strong winds, hail, or harsh sun rays - you want the best protection for your investment. Our wire is built to last, ensuring the longevity and stability of your orchard trellising and protection systems no matter how hot, cold or windy it gets.



Robust, flexible, and lowest cost per hectare

With Bezinal® Fruit Solutions, you can trust that your orchard trellising and protection systems will stand the test of time. Our solution is engineered to provide maximum strength & corrosion protection, without compromising on flexibility. This means that you can install, bend, and maintain your orchard with ease, all while enjoying the assurance that it will not sag or become brittle over time.

Even with a smaller diameter, our Bezinal® wire solutions offer the same breaking load as larger-diameter solutions. As a result, your trellis can be light and yet very strong. It's also ideal for attaching add-ons to maintain your orchard, such as a water drip irrigation system. So you can focus on what matters most - growing healthy and fruitful trees.

Commercial Galvanized Wire (400/550 N/mm ²)							Bezinal® Fruit Wire (1100/1300 N/mm ²)						
JDP	Diameter	Breaking Load	Weight	Elongation	m per	Total	JDP	Diameter	Breaking Load	Weight	Elongation	m per	Total
	mm	kg	kg for 1 m	%	hectare	kg		mm	kg	kg for 1 m	%	hectare	kg
17	3,0	335	0,056	15	26 000	1 456	13	2.0	380	0.025	4	26 000	650
20	4,5	755	0,125	15	2 900	363	14	3.0	850	0.056	4	2 900	162
22	5,5	1 130	0,186	15	8 600	1 600	18	3.5	1 155	0.076	4	8 600	654
						3 418							1.466

Difference by weight: **57%**

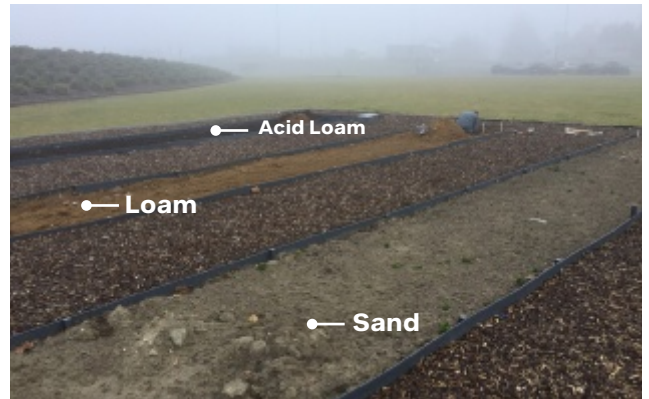


Environmentally friendly

Up to 50% better corrosion protection than Heavy Galvanized wire. Thanks to its innovative coating solution you benefit from superb corrosion protection while the system is harmless for your soil and plants.



Want proven solutions? Let's put it to the test.



Easy for bending, smooth and damage-free

When asking customers, a crucial aspect is to effortlessly bend or twist by hand without any cracks or damage. To make sure your trellis won't harm your apples or pears, we have put this to the test at our technology center in Deerlijk.

Our Bezinal® tensioning wires were twisted around their axes at a speed of 1 round per second. When reviewing the result under a microscope with a magnifying rate of 50x, the photo of our Bezinal® wires show a smooth surface without cracks.

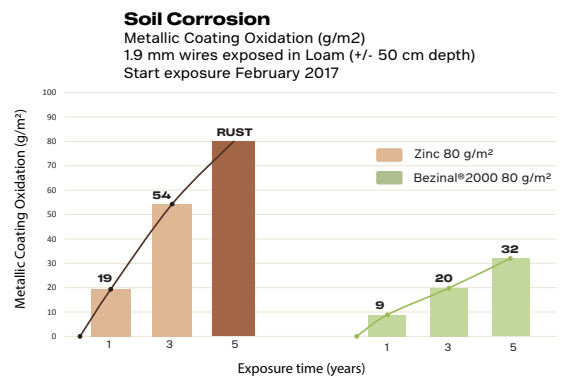


Bezinal® wires
50x magnifying ratio

Less risk for soil contamination due to corrosion

Maintaining soil health is crucial for healthy fruit growth. Choose a corrosion-resistant trellising system to prevent harmful substances from entering the soil. Prioritizing soil health is essential for optimal fruit yield.

When putting it to the test, our Bezinal® coated wires performed well at salt spray tests in our Bekaert Technology Center and in a 5-year soil corrosion test conducted at an outdoor test site at OCAS NV. We observed superior performance from the Bezinal® wires compared to ordinary galvanized wires.





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