Bezinal® Vineyard Solutions

Your vines deserve the best support possible

Wire solutions for vineyard trellising

Easy installation and low maintenance

Long lifetime

No harm to soil and fruits

Strong, flexible & ductile

Premium solutions to cultivate the best wines

As a seasoned viticulturist, you know it takes years of hard work and investment before you can cultivate and produce a fruitful vineyard business. To achieve long-term profitable vineyard management, it is essential to invest in high-quality materials. With **+40 years of experience in the viticulture market**, our Bezinal® vineyard wire solution is engineered to maintain strength and stability over time.

Your partner in growing a higher yield in the long run

Maximize your investment with our Bezinal® Vineyard wire solutions, offering **30 to 60% more meters per coil compared to heavy galvanized wire**, resulting in higher yields per hectare. Laboratory and field tests prove their superior resistance to atmospheric and chemical corrosion, thanks to Bezinal® patented coating technology zinc-aluminum alloy.

Say goodbye to frequent wire replacements and enjoy a longer trellis lifetime with our innovative wire solution. With over 140 years of experience in steel wire manufacturing, Bekaert guarantees consistent quality from the factory to your local vineyard establishment.

Maximizing yield by thinking of long-term support for your vines

The advantages of Bezinal® Vineyard Solutions

Easy to install, low maintenance

We understand that time is valuable, especially when managing a vineyard. Our wire solution is incredibly easy to install due to individually re-wound coils; cutting down the time and effort required. Also, because of its low elongation of 4-8%, our wire solution is engineered to provide maximum strength without sagging over time. It keeps your trellis perfectly straight even under stresses caused by machinery, chemical treatments, or adverse weather conditions.

With Bezinal® Vineyard Solutions, you can trust that **your vineyard trellis will stand the test of time.** This means that you can install, bend, wrap and maintain your vineyard with ease, all while enjoying the assurance that it will not sag or become brittle over time.

Durable, flexible, and lowest cost per hectare

Even with a smaller diameter, our Bezinal® wire solutions offer the same breaking load as traditional larger-diameter solutions. This means that Bezinal® wires at the same weight **give you 30% to 60% more usable length per roll** than standard galvanized wires, resulting in higher yields per hectare. So, you can focus on what matters most – growing healthy and fruitful grapes for wine production.

Commercial Galvanized Wire (400/550 N/mm²)

JDP	Diameter mm	Breaking Load kg	Weight kg for 1 m	Elongation %	m per hectare	Total kg
16	2,8	290	0,048	15	27 000	1 296
18	3,5	450	0,075	15	4 500	338
						1 634

Bezinal® Vineyard wire SUPER / SELECT (1 100/1 300 N/mm²)

JDP	Diameter mm	Breaking Load kg	Weight kg for 1 m	Elongation %	m per hectare	Total kg
12	1,8	300	0.02	4	27 000	540
14	2,2	460	0.029	4	4 500	131
						671

Difference by weight: **59%**

* All diameters in the tables above are for comparison. To see other comparisons, please get in touch with our local contact person or download our latest vineyard data sheet.

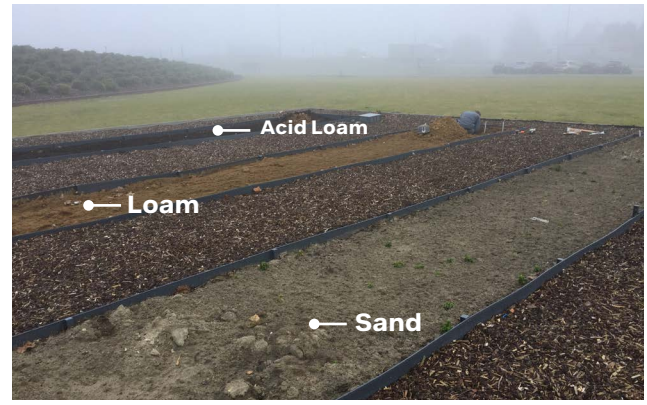
Unmatched lifetime protection

A trellis system should provide **reliable support throughout the vineyard's lifetime (20 years and more)**. Regardless of the impact during its maintenance (machinery processing, heavy rain or strong winds), you want the best trellis for your investment. Our wire is built to last, ensuring the longevity and stability of your vineyard trellis system no matter what.

With respect to soil and vines

After a 5 years outdoor soil test, we noticed that galvanized wires were fully corroded while the Bezinal® wires kept their corrosion-protective coating. Thanks to its innovative coating solution, you can enjoy superior corrosion protection without harming your soil or 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 bend or twist by hand without any cracks effortlessly. We have **tested this at our technology center in Deerlijk (Belgium)** to ensure your trellis won't damage your grapes.

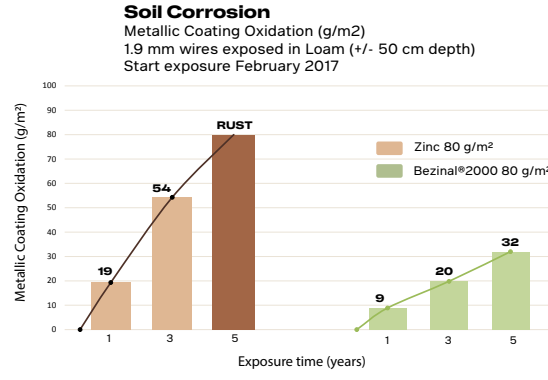
Different tensioning wires were twisted around their axes at a speed of 1 round per second. When comparing both results under a microscope with a magnifying rate of 80x, the photo of our Bezinal® wires shows significantly fewer cracks than traditional wires.

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 soil corrosion test site, OCAS NV[1] observed superior performance from the wires compared to heavy galvanized wires.

Bezinal® wires
80x magnifying ratio



[1] www.ocas.be/cases/outdoor-soil-corrosion-site-now-available/

Are you ready to support your vines with the best support possible?

Contact us today to learn more about our wire solution and how you can maximize yield at your vineyard. Do not settle for anything less than the best - choose Bezinal® vineyard Solutions for unmatched strength, longevity, and environmental sustainability.

Bekaert

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