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**POLES AND  
STRUCTURES FOR  
VINEYARDS AND  
ORCHARDS**



**EMILIA ROMAGNA**  
SEPTEMBER 5, 2015



# Anti-hail

## A PRIME EXAMPLE

An exceptional hailstorm devastated more than 100 hectares of orchards near the cities of Ferrara and Modena. Wind gusts of more than **120 Km/h** destroyed entire orchards causing damage to many anti-hail covering systems. One among the very few installation which was able to resist to the storm had been developed by Spinazzè in cooperation with Fruit Security and Austrian installators.

Contact us: [info@spinazzegroup.com](mailto:info@spinazzegroup.com) - T. +39.0422.743036 / Luca Peretto +39.348.3108971

## FLAT NET SYSTEM: SPINAZZÈ, 100% OK



- Length of rows 360 m
- Prestressed concrete poles 8,5x8,5 - braids 6x3 wires
- Perimetral poles 8x12 - braids 8x3 wires
- Special drill anchors 160 cm/ Ø 26/400/8mm
- Pole cap with chemical cement R = 370/400 Kg
- Net clips installed every 150 cm
- Anti-hail net Ø 0,36 - R = 4,15 kg per thread



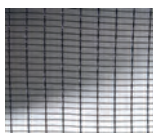
### NET CLIP

Wiesel Plakette  
opening at 80 kg



### POWERFIRSTFIX POLE CAP

Wiesel system with  
chemical cement



### ANTI-HAIL NET

Ø 0,36 mm R = 4,15  
Kg single thread



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## OTHER SYSTEMS 100% KO

- Anchorage is too weak
- Hut style systems: cross rope breaks poles and net, the net is not discharging
- Other systems: damaged net, clips not opening

