CEREA FCP

Table grape

Improving the photosynthetic activity of the plant, tackling iron chlorosis and reducing the risk of berry detachment increasing shelf-life

HydroStar is a formulation made from pure and highly soluble raw materials with a high percentage of organic nitrogen. It is an effective product **at low doses, has a rooting and strengthening action of the plant while promoting flowering,** thanks to the presence of pure extracts of the alga Ascophyllum nodosum.

VigorGreen is a cold-extracted Canadian alga Ascohpyllum Nodosum. The associated microelements (chelated iron DTPA, complexed boron and molybdenum) **stimulate the metabolism of the plant by improving flowering, fruit set and uniformity of production.**

Crisco is a concentrate of Canadian Ascophyllum Nodosum (25%), rich in biologically active substances that promote cell division. It **optimizes and improves nitrogen absorption and promotes spine elongation.**

Giove Bio Gold, rich in plant amino acids, has anti-stress and carrier effect.

SuprEmo Rich in essential amino acids and organic iron, biologically very active. Its constant use allows to keep the plants green and active.

Calcito improves **the absorption calcium and other fundamental nutrients.** A correct absorption of calcium reduces the risk of rachis desiccation, splits in the grape and **increases berry quality**, specifically crunchiness, preservability and shelf-life.

Leaf P-Ca favours the formation of **longer and more homogeneous clusters with big and crunchy grapes**.

Glycos Plus by stimulating the production of **pigments** (anthocyanins and carotenoids), determines a major **uniformity in grape colouring**.

Nano.T CaPO prevents and treats calcium deficiencies and helps strengthen plant tissues, **limiting the phenomenon of berry detachment.**

HydroNova BTC is a high-quality, water-soluble fertilizer with a very high phosphorus and potassium content, enriched with humic acids. When used during the ripening stages, it promotes fruit enlargement (thanks to the phosphorus) and enhances fruit quality, without any risk of over-ripening.



Grow well to eat better

Technical Line

Product	Dosage	Treatment	Period
HYDROSTAR*	10 kg/ha	Fertigation	Vegetative growth Sprouts development
VIGORGREEN	1-1,5 L/Ha	Foliar every 10-12 days	From prouts development until pre-flowering
HYDROSTAR*	10 kg/ha	Fertigation	Pre-flowering
VIGORGREEN	1,5 l/ha	Foliar	
VIGORGREEN	1,5 l/ha	Foliar	End of flowering
CRISCO + NANO.T CAPO	1 l/ha + 4-5 l/ha	Foliar	Fruit set / After fruit set
SUPREMO*	20 l/ha	Fertigation	Lengthening of the bunch
GIOVE BIO GOLD + CRISCO	1 l/ha + 1 l/ha	Foliar	
NANO.T CAPO + GIOVE BIO GOLD + GLYCOS PLUS	4-5 l/ha + 1,5 kg/ha + 2 l/ha	Foliar	Grape growth
CALCITO	10 l/ha	Fertigation	
NANO.T CAPO + GIOVE BIO GOLD	4-5 l/ha + 1,5 l/ha	Foliar	Grape closure
CALCITO	10 l/ha	Fertigation	
GLYCOS PLUS + NANO.T CAPO	2 l/ha + 4-5 l/ha	Foliar	Veraison
CALCIOMAGNO + SUPREMO	20 l/ha + 20 l/ha	Fertigation	
GLYCOS PLUS + HYDRONOVA	2 l/ha + 2-2,5 kg/ha	Foliar	After 10-15 days
CALCIOMAGNO + SUPREMO	20 l/ha + 20 l/ha	Fertigation	After other 10-15 days
HYDRONOVA	2-2,5 kg/ha	Foliar	Post-harvest

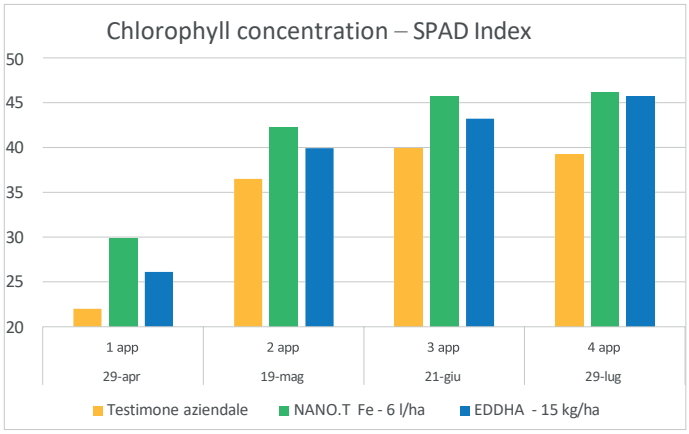
* in case of ferric chlorosis problems **Nano.T Fe** is a product based on nanotechnology which does not precipitate and does not leach, and provides a long-lasting iron reserve.

for more details: agronomia@fcpcerea.it

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Results of the trial in Trani (BAT) in 2024

Variety: Regal



SPAD monitoring has been carried out after 15 days from each treatment.

In the chart, it is possible to observe the trend of chlorophyll concentration (SPAD index) in the trials considered:

- trial 1: protocol without any iron intake
- trial 2: intake of Nano.T Fe 6 l/ha
- trial 3: intake of EDDHA chelate 15 kg/ha

The trial treated with Nano.T Fe has shown from the earliest treatment a major vigour as compared to the effect of the chelated product, although using **a much inferior quantity of iron:**

Phenological phase	Total Chelate Dosage	**Total dosage of Nano. T Fe**
Vegetative growth	15 kg/ha	**5,6 L/ha**
Foliar development	15 kg/ha	**5,6 L/ha**
Flowering	15 kg/ha	**5,6 L/ha**
Fruit set	15 kg/ha	**5,6 L/ha**

Total: 60 kg of chelate vs 22.4 liters of nano. T Fe

Variety: Supernova



TEST: scarce and non-uniform colouring of the grapes not treated (august)



FCP TRIAL: intense and uniform colouring of the grapes treated with Glycos Plus (august)

In the pictures it is possible to observe the effect of Glycos Plus on grape colouring:

- trial 1: non treated protocol
- trial 2: intake of Glycos Plus 2 l/ha per 3 applications

In the treated trial the hardness of the berry was similar to the protocol, guarantee of a good shelf-life.



Circular cracking caused by calcium deficiency present in field trials without Calcito.

Trial carried out in Grottaglie (Ta) in 2020

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