Product information



BIOZ®

Keep Green

Green light for plant strength and production

Description

Bioz® Keep Green is the first biofertilizer developed to protect coffee tree leaves from excessive solar radiation, providing an increase of up to five sacks per hectare in terms of productivity, close to 9% more earnings on average.

*Bioz® is a registered trademark of ICL Europe Cooperative UA

Mode of Action

When solar radiation reaches the leaves, the chlorophyll absorbs the solar energy and transforms it into chemical energy. The plant will use this energy to transform the atmospheric CO_2, which enters the leaves through the stomata, into carbohydrates (sugars: fructose and glucose). These carbohydrates are the energy that plant cells use for their metabolism to make the plant grow and produce coffee beans.

But excessing sunlight can result in high temperatures in the leaves and leads to thermal and water stress. Bioz® Keep Green increases the chlorophyll content in the leaves and improves stomatal control, which helps plants make better use of the sunlight, boosting photosynthesis, and reducing damage caused by solar radiation, leading to greener plants and improved yields.

The recommendation is that growers apply Keep Green to new coffee crops after transplanting and repeat the application after 60 days. In adult crops, each application should be 7.5 L/ha between September and October.

Our research demonstrates that this improves protection from excessing solar radiation throughout the crop cycle and delivers significant gains in productivity. And the product is 100% compatible with the other main products available on the market, which means they can be applied at the same as Keep Green.

Benefits

- Increases stomatal conductance
- Boosts total chlorophyll content
- Improves rate of photosynthesis
- Reduces radiation of leaves

Application rates

It is recommended that growers apply Bioz® Keep Green to new coffee plantations after transplanting and repeat the application after 60 days.

In adult crops, each application should be 7.5 L/ha in spring, after flowering or maximum until early fruit development.

Attention

Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results. Contact your ICL advisor for more detailed advice.

https://icl-growingsolutions.com/agriculture/products/keep-green/

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