



Nephrite

Nitrogen. Energy. Productivity. It's all about BIOZ Nephrite.

Description

Nephrite is a technology to boost nitrogen metabolism throughout the crop cycle. Nitrogen is one of the most required nutrients by crops and is demanded throughout the whole crop cycle. We took a long period of studies, more than 6 years, to identify the factors that interfere in this process. From that we developed a new technology to enhance biological nitrogen fixation in legumes and nitrogen metabolism in other crops.

Benefits

- \\ Provides the continuous formation of young, strong nodules, through the modulation of the plant's hormonal balance.
- \\ Makes nitrogen fixation much more efficient, providing more energy for the plant to grow.
- \\ Quick transformation of the nitrogen provided by the nodules into proteins and heavier grains.
- \\ Maintains the supply of energy to the nodules.
- \\ Reduces the formation of ethylene in the plant, avoiding premature death of the nodules.
- \\ Provides essential elements to keep the nodules physiologically active.

Application rates

Crop	Dose (g/ha)	Application method	Application time
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Rice and wheat	500	Foliar	Apply at start of tillering
Beans	300	Foliar	Apply in the vegetative phase from V4 (3rd unrolled trifoliate leaf).
Maize	500	Foliar	Apply between stages V4-V6 (4th to 6th expanded leaf).
Soybeans	300	Foliar	Apply between stages V3-V5 (3rd to 5th unrolled trifoliate leaf).

For other crops please contact your technical support.

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.