

MIST ILEX



MIST-ILEX® MIST-ILEX® is a nanomineral dispersion specifically developed to provide nutrients for yerba mate crops.

Thanks to the versatility of MIST's mineral base, it is possible to formulate dispersions tailored to the specific needs of each crop, achieving high efficiency at low doses.

- Calcium enhances the cellular delivery of all nutrients.
- Magnesium is vital for photosynthesis and atmospheric nitrogen fixation.
- Potassium plays a key role in water regulation within the plant, affecting both root absorption and stomatal loss.
- Phosphorus is involved in every process requiring energy transfer.
- Sulfur is a structural element of organic compounds.
- Silicon and copper strengthen the plant's resistance to biotic and abiotic stress, as well as disease.

GUARANTEED CONTENT:

Nitrogen: 5.6%
Phosphorus: 0.2%
Potassium: 2.9%
Calcium: 6.5%
Magnesium: 1.5%
Copper: 0.07%
Molybdenum: 0.01%
Iron (Fe): Traces
Manganese (Mn): Traces
Zinc (Zn): Traces

PHYSICOCHEMICAL PROPERTIES:

pH: 6.8 at 20 °C
Density: 1.29 – 1.41 g/cc
Reaction / Index: NEUTRAL

STORAGE CONDITIONS:

Store between -5°C and 35°C.
Keep in a cool, dry place, protected from direct sunlight.
Avoid vapor formation

VOLUME:

2, 5, and 15 L (Bag-in-Box)

PACKAGING:

Standard pallet: 56 x 15 L units (840 L total)
→ Easy transport in light trucks
→ Covers 70 to 140 hectares

APPLICATION & DOSAGE

Crop: Yerba Mate
Dose: 3 to 6 applications of 1.5 to 2 L/ha
Application window: From late August to March
(General recommendation. Consult with a technical advisor for specific criteria.)

USE RECOMMENDATIONS:

- Remove the bag from the box and homogenize before use
- Product may show phase separation; shake vigorously to restore optimal condition

Sprayer:

- Clean the equipment beforehand
- Prepare the solution by mixing the dose with 50% of the required water volume, under continuous agitation
- Recommended spray volume: 50 to 180 L/ha, depending on equipment
- Rinse equipment after use, then perform standard cleaning

Aerial Application:

- Same process as above, with 8 to 10 L/ha of water
- Clean equipment after each use

PRECAUTIONS & WARNINGS:

The company guarantees the declared content and concentration.

However, effectiveness may vary due to factors beyond our control, such as mix preparation, application method, and weather. The user is responsible for any damage to crops, soil, or applicators due to improper use or failure to follow instructions.

Use only when agronomically necessary and do not exceed the recommended dosage.

Agronomic supervision is strongly recommended.

MIST products are compatible with most agrochemicals. However, pre-mixing tests in a separate container are recommended before large-scale application.