

MIST BLC (Balance)



Mist-BLC (balance); is a mineral nanoparticle dispersion developed from extensive experience in soybean crop nutrition. It provides an optimal blend of primary, secondary, and micronutrients essential for root development and nodule formation.

- Calcium governs the cellular transport of all nutrients.
- Magnesium is vital for photosynthesis and atmospheric nitrogen fixation.
- Sulfur and boron contribute to protein synthesis.
- Potassium supports protein synthesis and plays a crucial role in water regulation (osmosis).
- Phosphorus is involved in all energy transfer processes in plants and soils.

GUARANTEED CONTENT:

Calcium: 5.2%

Magnesium: 1.3%

Sulfur: 1.6%

Nitrogen: 3.3%

Phosphorus: 0.3%

Potassium: 1.7%

Also contains traces of: Boron and Silicon

(Expressed as % on dry matter basis)

PHYSICOCHEMICAL PROPERTIES:

pH: 6.8 at 20 °C

Density: 1.20 – 1.35 g/cc

Reaction / Index: NEUTRAL

STORAGE CONDITIONS:

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

VOLUME:

15 L Bag-in-Box.

PACKAGING:

Shipping unit: 56 units per pallet (total 840 L)

→ Easy transport via light truck

→ Sufficient for more than 400 hectares

APPLICATION & DOSAGE:

Crop: Soybean

Dose: 1 to 2 L/ha (foliar spray)

Application Timing:

Vegetative Stage: V4 to V10

Reproductive Stage: R1 to R4

(General recommendations; may vary depending on agronomic criteria—consult your advisor.)

USE RECOMMENDATIONS:

- Remove the bag from the box and homogenize before use
- The product may show phase separation; vigorous shaking restores optimal condition

Sprayer (ground application):

- Clean the sprayer thoroughly
- Prepare the solution using the recommended dose and 50% of the total water volume with continuous agitation
- Recommended spray water volume: 50–60 L/ha
- After application: rinse with 200 L of clean water, then proceed with regular cleaning

Aerial Application:

- Same preparation as above
- Recommended spray water volume: 8–10 L/ha
- After application: clean equipment as usual

PRECAUTIONS & WARNINGS:

This product is guaranteed for the declared content and nutrient richness.

However, various external factors—such as mix preparation, application, and weather conditions—may influence its performance.

The user is responsible for any damage caused to crops, soil, or applicators due to partial or complete non-compliance with these instructions.

Use only when agronomically required and do not exceed the recommended doses.

Agronomic supervision is highly recommended.

MIST products are compatible with most agrochemicals, but compatibility testing in a separate container is advised before mixing.