

# Sil-MATRIX<sup>®</sup> LC

FUNGICIDE/MITICIDE/INSECTICIDE

INCREASE YOUR INDUSTRIAL  
HEMP YIELD WHILE PROTECTING  
FROM HARMFUL DISEASES,  
INSECTS, AND MITES.

Labeled for use on industrial hemp



## PRODUCT HIGHLIGHTS

Active ingredient Potassium Silicate controls powdery mildew, aphids, whiteflies, and mites. See label for additional diseases and insects.

Excellent rotational product that can be tank mixed with other fungicides and insecticides.

Exceptional crop safety will not burn even young plants.

Broad-spectrum resistance management tool for control of insects and diseases in hemp production.



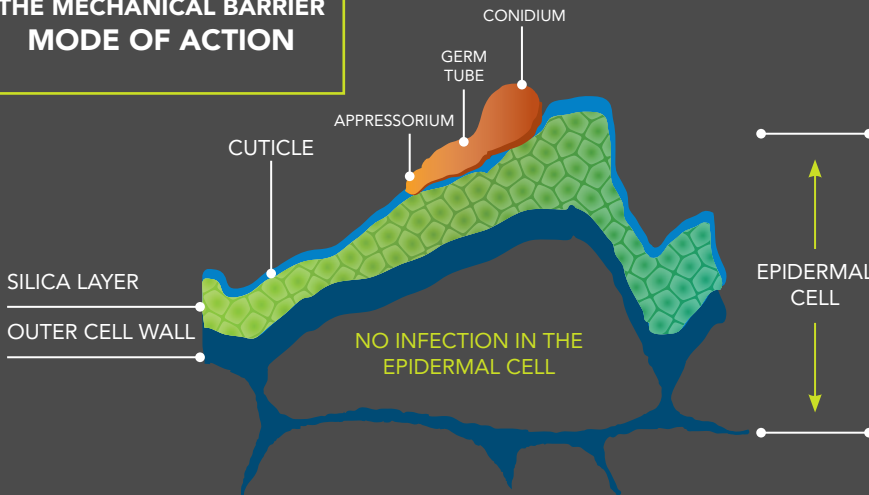
NON-FOOD USE ONLY.  
Always carefully read and  
follow label instructions.



# HOW IT WORKS

Once **Sil-Matrix® LC** contacts the plant surface the active ingredient (silica) acts as a desiccant and creates a protective barrier on or around the leaf surface. **Sil-Matrix® LC** controls diseases by preventing the penetration of fungi and making the surface less palatable and abrasive to insects.

## THE MECHANICAL BARRIER MODE OF ACTION



When applied as directed, **Sil-Matrix® LC** creates a silicon barrier on the leaf surface that controls diseases and insects. Sil-Matrix is OMRI-listed and NOP-compliant and can be used in organic production. With limited availability of approved products for use on industrial hemp, Sil-Matrix provides a comprehensive fungicide, insecticide, and miticide to protect your crop.

TANK MIXING	STORAGE	TIMING
Compatible with most fungicides and insecticides. See label and compatibility chart for details on tank mixing.	Keep pesticide in original container. Keep container tightly closed when not in use. Store product above 40°F. Do not transfer in aluminum, fiberglass, copper, brass, zinc, or galvanized containers. Protect from excessive heat. Store in a cool, dry place.	Preventative application to protect leaf tissue. Optimum protection is achieved when Sil-Matrix® LC is applied in a regularly scheduled spray program. Apply no sooner than every 7 days.

RATE	PHI/REI
0.25% to 1% solution (1-4 quarts Sil-Matrix® LC/100 gal.) at a minimum rate of 20 gallons finished spray per acre.	0-day PHI/4-hour REI

**Sil-MATRIX® LC**  
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