

# ESPERSA

## Charity Organism Complex

Registro RSCO-073/IX/01

### DESCRIPTION

**ESPERSA** is a compound of microorganisms for protection against phytopathogens taking advantage of the antagonistic and antibiotic properties of *Bacillus subtilis* and *Trichoderma harzianum*, as well as contributes to the solubility of Phosphorus by means of *Pseudomonas fluorescens*, considerably increasing the disposition of this element by the plant and favoring the fixation of N by *Azospirillum* sp and *Bacillus Megaterium*. Add with minerals, humic and fulvic acids and growth-promoting microorganisms and plant nutrition, helping to destroy the plant as they are: *Azospirillum brasilense* (fixation of N<sub>2</sub>) and *Bacillus megaterium* (solubilization) of Phosphorus and Nitrification of N

### COMPOSITION

### CONTENT / VOLUME

ORGANIC ACIDS .....	250 ml/L
TRICHODERMA HARZIANUM .....	1.0 X 10 UFC/ml
BACILLUS SUBTILIS .....	1.0 X 10 UFC/ml
AZOSPIRILLUM SP .....	1.0 X 10 UFC/ml
BACILLUS MEGATERIUM .....	1.0 X 10 UFC/ml
PSEUDOMONAS FLUORESCENS ....	1.0 X 10 UFC/ml

### WAY OF ACTING

Ability to promote plant resistance inducers through the production of phytoalexins; ideal for the control of most diseases caused by fungi and bacteria in root, stem and leaves, produces Siderophores and increases antagonism against: *Fusarium*, *Erwinia*, *Pseudomonas*, *Xanthomonas*, *Botrytis*, *Rhizoctonia*, *Phytophthora*, *Cenicilla* or *Oidium*, *Pudricion texana*, *Alternaria*. It contributes to the nutrition of plants

### COMPATIBILITY

**ESPERSA** It is compatible with most agrochemicals applied to foliage. It is compatible with other organic products such as inorganic. Keep at a temperature of 14-24 ° C. It is not compatible with Fungicides or products with a strong alkaline reaction

### APPLICATION MODE

Apply 5 liters of product per hectare, diluted in the amount of water needed according to the application equipment via irrigation, drench or by inoculation. It can be mixed with other biologics to increase microbiology and achieve the combined effect

**ESPERSA** it gets along well with the environment, it does not harm insects, benefits, nor does it cause secondary diseases to emerge. Accommodates well in integrated management programs, particularly those directed

### INTEGRAL TECHNICAL ADVICE

All our products should be used in conjunction with a balanced fertilization program, where foliar and soil to achieve optimal growth and production. Consult your advisers at AGRONUTRIENTES DEL NORTE, SA DE CV



[www.agronutrientes.com](http://www.agronutrientes.com)

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