

**LIGNO  
SULFO  
NATES**

tangel<sup>AGRO</sup>

**LIGNO**

**NATURAL CHELATING AGENT  
(LIGNOSULFONATE ACID)**



# WHAT IS LIGNO?

The correctors LIGNO meet all the requirements for sustainable agriculture and offers farmers an efficient and natural source of micronutrients. LIGNO is safe to use because it is not phytotoxic and is environmentally friendly.

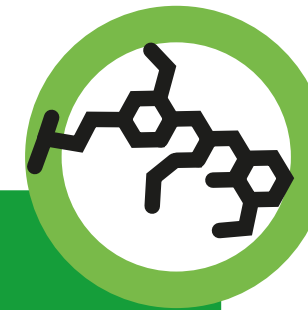


- **Complexed Micronutrients**
- **Correctors of deficiencies**
- **For application Foliar/Soil**
- **High Quality**
- **Natural complexing agent**
- **Natural origin**



# WHAT IS LIGNO?

## SULPHONIC GROUPS PRESENT IN THE LIGNO MOLECULE:



- Increase penetration in the leaf, under relatively low humidity
- Optimize foliar coverage, because they increase the superficial tension.
- Minimize the risk of phytotoxicity because its hygroscopicity spraying stays wet for a longer time.
- They are compatible with anionic and nonionic compounds, wetting agents, fertilizers and most pesticides. Not compatible with oils.
- Is a Bio-Degradable polymer and supportive of soil microorganism.



# LIGNO BENEFITS

LIGNO CAN BE APPLIED TO VEGETABLES, CITRUS, FRUITS, NUTS, ORNAMENTALS AND TURF FOR CORRECTION OR MAINTENANCE OF PLANT NUTRITION

- Improves availability of soil nutrients.
- Compatibility with fungicide and insecticides.
- Single element and elements combination available.
- Healthier plants endure adverse weather, disease and pest conditions.
- Excellent source of organic Carbon and Sulfur.



# LIGNO PRODUCT RANGE

## MACRO


### LIGNO Mg

COMPOSITION	%W/W
Magnesium (MgO)	7,0



### LIGNO Ca + B

COMPOSITION	%W/W
Calcium (CaO)	12,50
Boron (B)	0,20



### LIGNO Mg + Fe

COMPOSITION	%W/W
Magnesium (MgO)	15,00
Iron (Fe)	4,00



### LIGNO Ca + Mg + Fe

COMPOSITION	%W/W
Calcium (CaO)	2,00
Magnesium (MgO)	2,00
Iron (Fe)	1,00




# LIGNO PRODUCT RANGE

## MICRO

### LIGNO Cu

#### COMPOSITION

Copper (Cu)

%W/W

6,0



### LIGNO Fe

#### COMPOSITION

Iron (Fe)

%W/W

6,0



### LIGNO Mn

#### COMPOSITION

Manganese (Mn)

%W/W

10,0



### LIGNO Zn

#### COMPOSITION

Zinc (Zn)

%W/W

9,0




# LIGNO PRODUCT RANGE

## MICRO


### LIGNO Mn + Zn

COMPOSITION	%W/W
Manganese (Mn)	4,50
Zinc (Zn)	4,50




### LIGNO Mn + Zn + Mg

COMPOSITION	%W/W
Manganese (Mn)	10,0
Zinc (Zn)	10,0
Magnesium (MgO)	3,0



### LIGNO Fe + Mn + Mo + Zn

COMPOSITION	%W/W
Iron (Fe)	4,50
Manganese (Mn)	5,0
Molybdenum (Mo)	0,10
Zinc (Zn)	7,0



### LIGNO Mix

COMPOSITION	%W/W
Manganese (Mn)	2,50
Zinc (Zn)	2,50
Iron (Fe)	2,00
Copper (Cu)	0,30
Boron (B)	0,40




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