

NEW

LIGNO  
SULFO  
NATES

NATURAL CHELATING AGENT  
(LIGNOSULFONATE ACID)

## Datasheet

tangelAGRO



Lignosulfonic Acid  
Foliar / Soil



Complexed Organic Mn, Zn, Fe, Cu, B corrector  
(Lignosulfonic Acid)

## CHARACTERISTICS

**Ligno MIX MICRONUTRIENT** is a highly soluble liquid solution that is easy assimilated by crops. Its complexation with lignosulphonic acid provides high stability, promoting absorption. This ensures its effectiveness and speed of action, as well as its effect on the crop. Ligno MIX is a product based on manganese and micronutrients, with preventive and curative effects against deficiencies of these elements. The combination of micronutrients has been studied to provide the necessary content in each phase of the crop and to avoid the adverse effects of deficiency. In this way, basic metabolic and physiological processes are stabilised and improved for the development of the plant, covering all stages of the crop.

**LIGNO MIX activates the plant's metabolism resulting in an optimal physiological and nutritional state, to maximise yields.**

### What is LIGNO MIX important for?

- Micro elements contained in LIGNO MIX are in forms that are easily accessible to plants, thanks to which they quickly and effectively nourish plants and supplement any deficiencies.
- The properties of lignosulfonate, reducing surface tension, cause even coverage of the plants surface, without the need for additional surfactants. In addition, the biopolymer has low-foaming properties, facilitating the creation of complex tank mixtures.

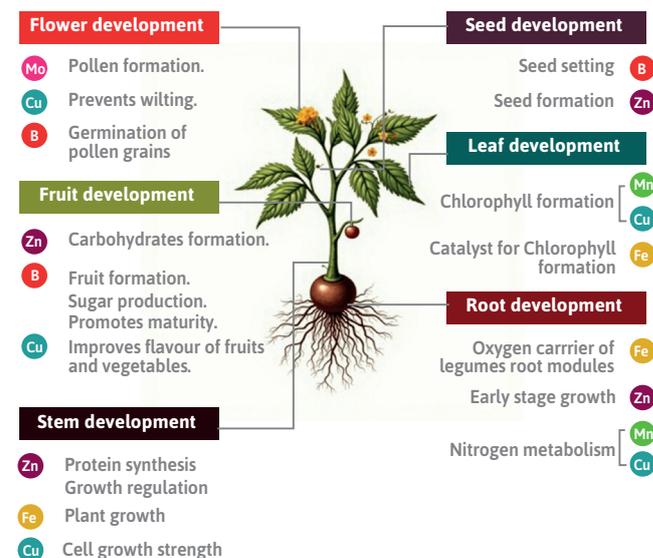
## BENEFITS

- Contains key microelements responsible for the proper development and growth of crops.
- Fertilizer completely soluble in water
- Increases the use of available nitrogen.
- Lowers the surface tension of droplets, prevents washing away of fertilizer from the plant surface.

# LIGNO MIX

## COMPOSITION

|  | %w/w |
|--|------|
| Manganese (Mn)                               | 2,50 |
| Zinc (Zn)                                    | 2,00 |
| Iron (Fe)                                    | 2,00 |
| Copper (Cu)                                  | 0,30 |
| Boron (B)                                    | 0,40 |
| Natural chelating agent (Lignosulfonic acid) |      |



## APPLICATIONS

| CROPS      | APP/QT | APP. DATE   | DOSE/ HA     | RECOMMENDED WATER QUANTITY |
|------------|--------|---|--------------|----------------------------|
| Cereals    | 3      | <b>AUTUMN:</b> From 3 leaf stage to winter dormancy                                       | 1L/ha        | 180-300L                   |
|            |        | <b>SPRING:</b> Tillering base; -Beginning of shoot formation; -Flag leaf phase            |              |                            |
| Rapeseed   | 3      | <b>AUTUMN:</b> From 4-5 leaf stage to winter dormancy.                                    | 1,0-1,5 L/ha | 180-300L                   |
|            |        | <b>SPRING:</b> From main shoot growth stage to green bud; Compact green flower bud stage. |              |                            |
| Maize      | 2      | Phase 3-6 leaf<br>Phase 6-8 leaf  | 1L/ha        | 180-300L                   |
| Sugar Beet | 2      | Phase 6-8 leaf<br>Compact inter-rows  | 1,5L/ha      | 180-300L                   |
| Potatoes   | 2      | Covering the inter-rows.<br>Flowering.  | 1L/ha        | 180-300L                   |
| Vegetables | 2 - 3  | Leaf growth and biomass building.   | 1L/ha        | 200-500L                   |
| Orchards   | 3 - 4  | Fruit growth phase.   | 0,5L/ha      | 300-800L                   |

Ligno MIX is compatible with most pesticides and fertilizers. However, if the desired combination has not been previously used, check for chemical mixture compatibility using a jar test prior to application

LIGNOSULFONATES  
tangelAGRO

www.tangelagro.com

AVAILABLE IN  
1L - 5L - 10L - 20L - 1000L  
Plastic Bottle/IBC



FERTILIZER



IMPORTED FROM EU

