

# Tannifusion

Repellent against Nematodes and Pests, chelating agent, antibiotic



## COMPOSITION

[Article](#) [Video](#)

Total polyphenolic substances	Min. 96% (on Dry Matter)
Dry matter	80%
pH (10% sol.)	4%
Organic carbon	1.5%

Product derived from aqueous extraction of domestic wood obtained exclusively by physical processes



**Appearance**  
Powder, liquid



**Application**  
Foliar / Fertigation



**Packaging**  
25 Kg, IBC

## DESCRIPTION

**Tannifusion** is entirely made of wood tannins, a natural substance able to stimulate and activate plant defense mechanisms.

Tannins are a **polyphenolic molecule with complexing properties that stimulates** the growth and the development of the root system of plants and also beneficial soil microflora, limiting the proliferation of phytopathogenic agents. Thanks to its acid pH, it creates an inhospitable environment to Nematodes.

Tannifusion is also an **effective repellent against predators and parasites**, because it decreases the digestibility of food or make it repellent, acting on the flavor (astringency) and on the hardness of the tissues.

Finally, it is a **powerful antibiotic**, capable to defend plants from several fungal pathogens, inhibiting the hydrolytic enzymes (cellulases, pectinases, xylanases) necessary to penetrate plant tissues.

Main Functions:

- It has an acidifying action on soil pH;
- It **increases fruit production and quality**;
- It **improves radical development** and the assimilation of trace elements;
- **It reduces the damage due to parasites** of the root system.

## DOSES AND METHOD OF USE

Powder formulation:

Step 1 - Preparation): solve 40% Tannifusion powder and 60% water. So for a treatment with lemons & citrus as example, dilute 2,5 Kg in 3,75 L of water (40 : 60 = 2,5 : x).

Step 2 - Dilution for fertigation) : supposing 10.000L/ha, 3.000 L of water to humidify the soil, 4.000 L of water + tannifusion (step 1), and 3.000 L to deepen Tannifusion in soil and clean irrigation system.

Crops	Foliar (Kg/ha)	Fertigation (Kg/ha)
Lemon & citrus	2 kg/ha fractioned in at least 2 applications: beginning of cycle 1 Kg/ha, first full flowering 1 Kg/ha, according progresses further 1 Kg/ha	7,5 Kg/ha fractioned in 3 applications: beginning of cycle 2,5 Kg/ha first flowering 2,5 Kg/ha second flowering 2,5 Kg/ha
Avocadoes	2 kg/ha fractioned in at least 2 applications: beginning of cycle 1 Kg/ha, first full flowering 1 Kg/ha, according progresses further 1 Kg/ha	5 Kg/ha fractioned in 2 applications: post harvest 2,5 Kg/ha full flowering 2,5 Kg/ha


# Tannifusion



**Naternova**  
THE FUTURE IS NATURAL



Woods Tannin - Repellent action against Nematodes and Pests, chelating agents, antibiotic

Crops	Foliar (Kg/ha)	Fertigation (Kg/ha)
Berries	During green fruits only. TOT 3 Kg/ha	8-16 Kg/ha fractioned in 4/8 applications during whole growth season
 Horticulture	TOT 6.5 L /ha	4 Kg/ha from 4 to 6 applications every 15 - 20 days
Other crops	TOT 4-5 Kg/ha	15-20 Kg/ha from 2 to 4 applications every 10 - 20 days

Best avoiding applications during very hot days, to avoid evaporation of solution