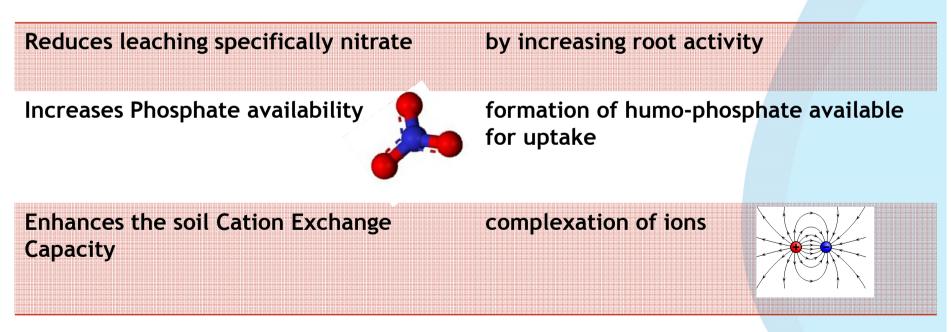




1. Why MENAHUMIC?

The benefits of *Menahumic* product





1. Why MENAHUMIC?

The benefits of Menahumic product



By converting nutrients into forms adequate for plants

Stimulates beneficial microorganisms

soil carbon for vital microbial activity that frees nutrients

Increases water holding capacity of

Helps resist drought





2. Humic acids and their sources

The best source of humic acids are the sedimentation layers of soft brown coal, which are referred to as Leonardite.



3. What are humic acids?

Since humic acids in raw Leonardite are not water soluble and are very slow released, a chemical transformation is needed to be able to release them in water and thus using them in fertigation

In Chemistry: Acid + Alkaline → Salt + H2O

When extracted from Leonardite, a strong alkaline is applied, Potassium Hydroxide.

The chemical reaction changes Humic acids into salts of potassium





These salts are Potassium Humates, Extremely soluble in water!

To sum it up:

<u>Leonardite</u>	Potassium Humates
Raw material	Extracted from Leonardite with KOH
Humic acids inside are not water soluble NB: it is very soluble in Alkaline solutions!	Humic acids inside are EXTREMELY water soluble
Very slow process	Fast action/results
Not suitable for fertigation	Ideal for fertigation



4. Menahumic importance

1. MenaHumic is

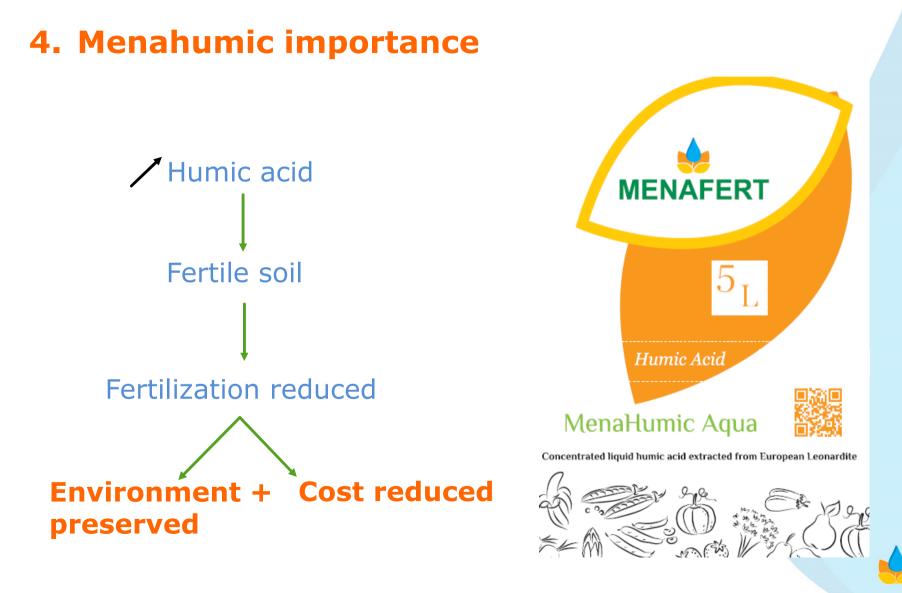
- a) a concentrated soluble source of potassium humate, extracted from European Leonardite
- a) a natural humic conditioner
- a) free of sulphates, choride and sodium
- a) Very soluble → no risk of clogging irrigation systems

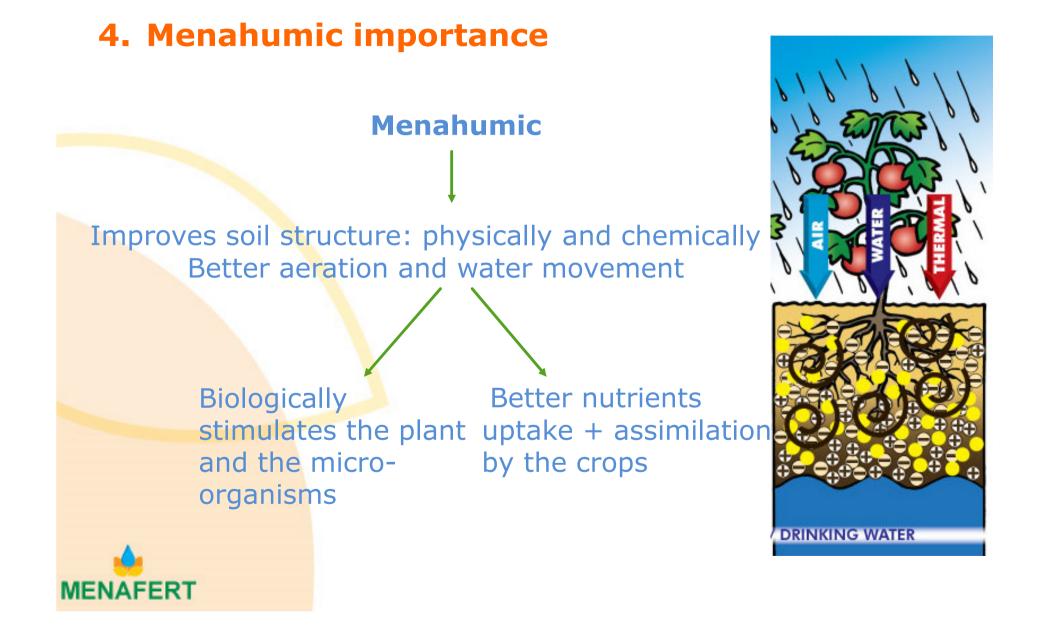














5. Menahumic Aqua

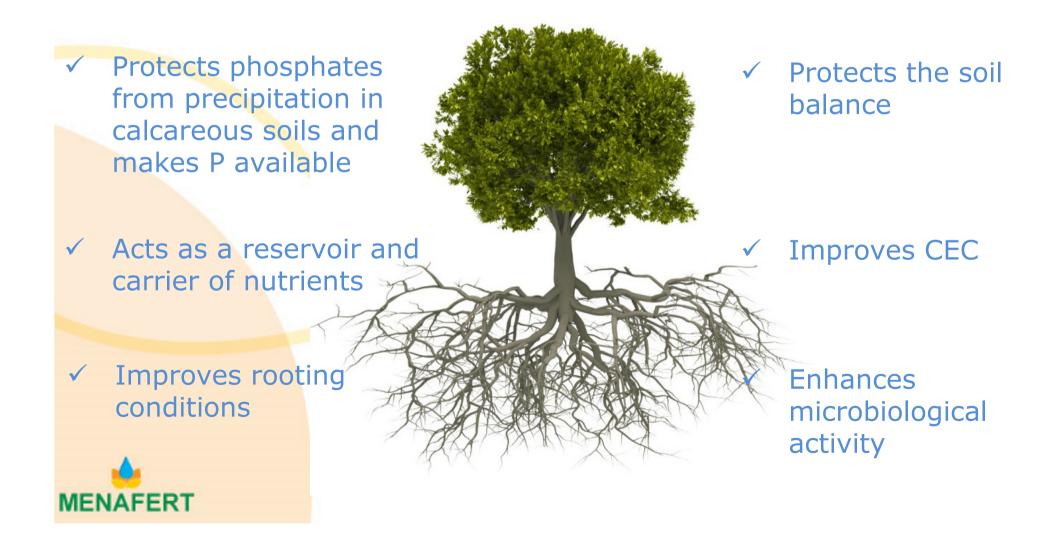
In addition of Menahumic powder, we also offer two high quality Liquids with Fulvic acids that penetrate into the plant and carry important nutrients!

- Menahumic Aqua 15% (7% HA + 8% FA) + 3.75 K₂O

- Menahumic Aqua 15% (12% HA + 3% FA) + 3.85 K₂O



6. Better results with Menahumic





Thank you for your attention

www.menafert.com

