



AQUAHOLDER



Seed applied soil conditioner for enhanced drought resistance



Drought resilient seeds
Better start, support
for high yields



Healthier plants
Improved germination
and emergence



Environmentally friendly
Microplastic free,
biodegradable and biobased



Industrially applicable
Proven industrial process



Standard handling
Easy logistic, storage
and sowing



Food security
Increased seed resistance,
more food



Why to use
AquaHolder?



What is the active substance
of AquaHolder and how does it work?

What is AQUAHOLDER ?

Aquaholder is a product designed to mitigate the abiotic stress, provide drought relief and support the better start. Aquaholder seed coat attracts available moisture around the seed even under low moisture conditions.

The hydrogel layer created around each seed serves as a reservoir of water for the germinating seed and allows the seed to germinate and grow normally even under drier than usual soil conditions. This better start supported by Aquaholder coat creates predisposition for higher yields also in favorable conditions or even in high moisture conditions.

For more information visit www.aquaholder.com

Primary benefits:

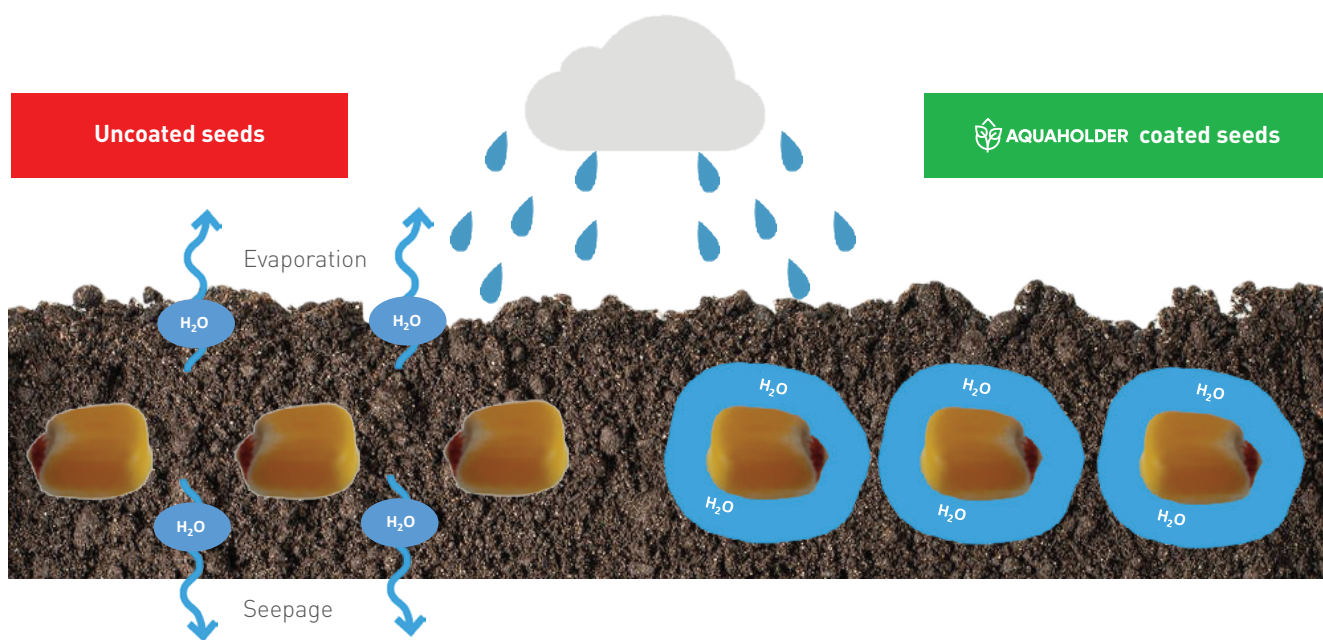
- enhanced speed of germination and emergence
- improved plant uniformity
- increased root & shoot biomass
- increased plant resilience

Secondary benefits:

- carrier for nutrients and microbes
- improved uptake of low water soluble actives
- reduced leaching of actives into the soil
- support microbial regrowth

Product Characteristics:

- Microplastic-free
- Plantability
- Application
- Seed safety
- Efficacy
- Regulatory



Effect proven on field and agriculture crops:



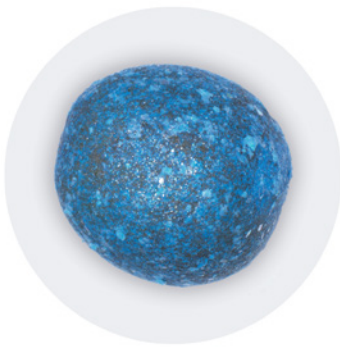
Effect proven on vegetables crops:



Effect proven on grasses, turfs, forage and cover crops:



Microscopic view of  AQUAHOLDER layer



Activated superabsorbent



Proven in lab and field conditions





Aquaholder product
now available



The Aquaholder project is realized by PEWAS

Pewas is a research organization focused on the research of alternative use of superabsorbent polymers in various industries. Pewas has analytical and production laboratory facilities, a team of laboratory researchers and more than 10 years of research of the effect of superabsorbent polymers and hydrogels on seeds and agricultural substrates.



PeWaS, s.r.o.,
Vansovej 2, 811 03 Bratislava, Slovakia, EU
Tel.: +421 2 4826 9350, +421 903 734 101
E-mail: info@pewas.com, www.pewas.com