

Humiverse®



# The Future of Farming



**Humiverse®**

More Yield the Natural Way



# The effective advantages of Humiverse® Plus

- Promotion of soil life
- Improvement of soil structure and increase of humus formation
- Increasing the availability of macro- and micro nutrients
- Increase of cation exchange capacity
- Increase of water holding capacity
- pH value equalisation on (strongly) acidic and alkaline soil
- Improvement of salt- and pollutant-contaminated soil
- Enzymatic effect on the formation of important plant hormones
- Protects the plant from UV radiation and increases chlorophyll formation



Germany, 2023, private Farmland



Senegal, Peanuts, ISRA

## Other Advantages:

- Improvement of nutrient uptake (activity / root extracts)
- Dissolution of salts and renewed bioavailability
- Increased resistance to abiotic stress, e.g. drought, heat, UV radiation, frost, salinated soils (due to overfertilisation with NPK fertilisers), Nutrient deficiency and pH-value-deviations
- Promotion of root growth (rhizosphere, gravitropism)
- General growth stimulation (seed germination, flowering and fruit development)
- Increase of disease resistance (e.g. fungal diseases, low hyperglycemia in the plant)
- Improvement and safeguarding of the qualitative and quantitative properties of the harvested products

*„Humiverse® Plus is a patented organic biostimulant of the highest purity and represents a new world standard. After scientifically accompanied tests and successful use in practice, nothing more stands in the way of product introduction in both organic and conventional agriculture. Humiverse® Plus means more quality and more yields the natural way.“*

**Terra Optima AG, Heiko Petermann, CEO**



Zulassung gemäß § 9a Düngemittelgesetz 1994 idGF. beim BAES, Österreich  
Zulassung gemäß EU Öko Rechtsvorschriften, etc. bei der FiBL, Deutschland

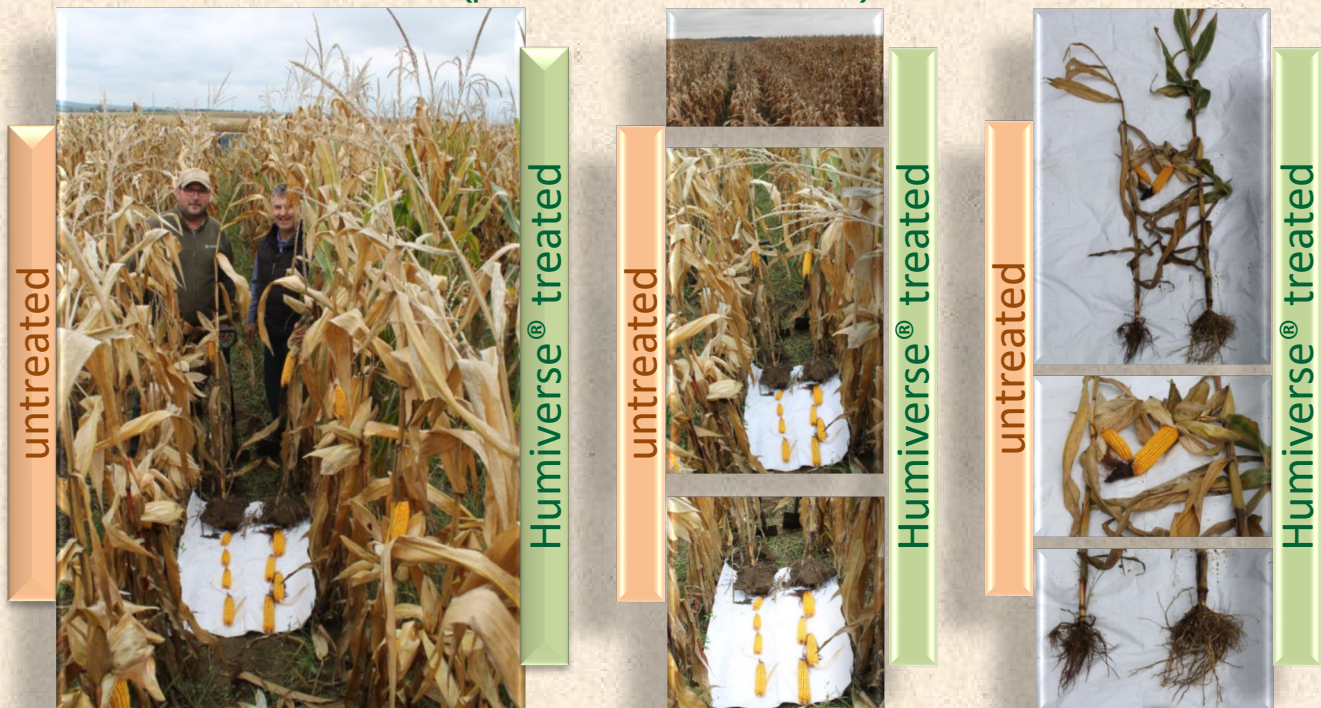


Humiverse® Plus (Patent pending)  
Is a registered trademark of Terra Optima AG Switzerland



# Humiverse® Plus Pat.Pend. - The future of farming

First testing of Humiverse® Plus on Maize  
(private farmland in Austria)



Operation Manager Mathias Holzer, A-3470 Großriedenthal (on the left)

## Yield increase through the use of Humiverse® Plus

Humiverse® Plus Maize Trial 2022 – Mathias Holzer, Harvest 2022/10/29



**Humiverse® Plus treated -> additional Yield 17% -> 568,80 €/ha additional Revenue**  
**Application costs: 42 €/ha Humiverse® Plus excl. VAT. Date 11/22**



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# Humiverse® Plus - The Future of Farming

## Recommendations for agricultural practice

These recommendations are based on scientifically monitored on-farm trials. Humiverse® Plus can be applied pre-emergence, but also post-emergence. A concrete recommendation depends very much on the respective conditions such as previous crop, soil condition and region.

<b>Crop Farming</b>	<b>As a soil additive for regeneration:</b>	
	Depending on soil type/humus content:	20,0 - 50,0 l/ha
	Water application rate:	500,0 l/ha
	Single dose or splitting possible.	
	Follow the regional recommendations!	
	<b>As a biostimulator on the Plant:</b>	4,0 - 6,0 l/ha
	From 2-leaf stage	
	Water application rate:	300,0 l/ha
<b>Green spaces, Grassland, Pastureland</b>	<b>As a biostimulator on the Plant:</b>	3,0 - 5,0 l/ha
	Water application rate:	300 l/ha
<b>Viticulture, Fruit growing Special crops</b>	<b>As a biostimulator on the Plant:</b>	50 ml/Plant
	Water application rate:	10,0 l/Plant
<b>Compost, Substrates Soil Production</b>	<b>For optimal effect:</b>	0,5 - 6,0 l/m³
	Application rate depending on origin and weight of the raw material.	



Humiverse® Plus is applied liquid and has an immediate effect on plants and soil.



For soil recultivation, irrigation and fertilisation, take advantage of the direct advice from our team!

### Consultancy and Sales:

Please send product related questions to:  
Please send orders to:

[hkp@terra-optima.ch](mailto:hkp@terra-optima.ch)  
[info@terra-optima.ch](mailto:info@terra-optima.ch)

**TERRA OPTIMA AG**  
Rathausstrasse 14  
CH-6340 Baar  
[www.terra-optima.ch](http://www.terra-optima.ch)  
[info@terra-optima.ch](mailto:info@terra-optima.ch)

**h.**  
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