



YDRO PROCESS® 21

Technical Data Sheet

Agricultural applications

Description

YDRO PROCESS® 21 is a product containing a specially formulated range of microorganisms capable of boosting the growth of plants, reducing fertilizer costs and improving the overall efficiency of agricultural crops. It reduces the required amount of fertilizers, increases the soil contained nutrients, and degrades the complex organic matter of the soil making it easier to be absorbed by the crops. The high performance facultative and aerobic microorganisms in conjunction with the contained minerals, stimulants, micronutrients, amino acids and enzymes create ideal conditions for the optimum operation of the soil. The application is easy, user friendly and creates no environmental effect or hazard. This product is 100% naturally occurring, non- pathogenic, not derived from animal sources, non-toxic and non-genetically modified. Suitable for soil remediation.

Applications

Field crops

Glass houses

Flower farming

Storage, Handling and Disposal

Please store product at room temperature, with low humidity and away from direct sunlight. Storing in high temperature or high humidity for extended periods will harm the product and affect its efficiency significantly.

Do not use on food surfaces, do not inhale possible dust, wash hands thoroughly after handling.

Dispose container according to local regulations.

Directions for use

This product can be distributed with seeds, spread on the field or applied in liquid form after allowing it to mature for at least 12 hours in non-chlorinated water. Directions for use differ according to the crop and quantities are adjusted proportionally to the available culturing area and soil analysis. The dosage can be increased in severe cases and nutrient deficiency of the soil.

Physical properties

Colour	light brown
Appearance	powder
Odour	yeast-like
Relative density	0.60 – 0.65 gr/cm ³
Bacterial cultures	<1 wt%
pH range	6.0 – 9.0
Temperature range	5°C – 60°C
Carrier content	>99 wt%
Solubility	soluble in water
Degradability	biodegradable
Shelf-life	3 months

Key Benefits – Results

- Boosts growth with added stimulants
- Increases soil nutrients
- Increases overall soil health
- Improves crop yield and performance
- Reduces fertilizer costs
- Increases moisture retention in soil
- Stores and releases natural fertilizers
- Maintains soil ecosystem balance
- Competes with harmful soil bacteria
- Degrades organic matter in soil
- Allows better absorption by plants
- Non-toxic and naturally occurring product
- Easy application

Available packaging

Bulk: 1kg, 2kg, 5kg, 10kg, 250kg