

Kopros[®] H

Geolife[®] technology

For the well-being of your horses, a natural solution for a good litter management. For 1 or 2 horses, on max. 25m²



Bioma[®]



A Swiss company with more than 30 years of international presence.

BIOMA is a company active in the production and marketing of "Chemical free" and "GMO free" solutions for the food industry, oenology, agriculture, environmental bioremediation, zootechnics and animal and human well-being.

Our products optimize all biological processes through indigenous microbiology and make it possible to reach an optimal balance in the targeted biomass. We seek to minimize the environmental impact within each structure.

The purpose of BIOMA solutions is to optimize production while guaranteeing economic sustainability.



GMO-free



Chemical-free



Risk-free

Geolife[®] technology **An innovative manufacturing and patented process.**

Geolife[®] is a technology for the extraction and stabilization of organic compounds allowing the activation of our products. This technology makes our products unique, easy to use and safe for the user, animals and the environment.

Kopros[®] H

Complex biological catalyst for the activation of the composting process of horse manure



Kopros[®] H is ideal for helping to form or maintain a thick, soft and stable bedding for your horse, e.g. straw pellets, wood shavings or compost bedding. Once applied, the micro-organisms start a process of decomposition of organic matter by digesting dung and urine and continue their actions over the following weeks. The application should be repeated every month to ensure continuous development.

However, if your stable is made up of traditional straw bedding which is changed frequently, you and your horse will not benefit fully from the properties of Kopros[®] H. In this case, we advise you to apply it directly to the manure pile to accelerate the composting process and reduce odour nuisance.

BENEFITS



Better bedding hygiene



Drastic reduction of ammonia



Significant reduction of odors



Improvement of the animal/work environment



Reduction of manure volume



Better agronomic quality of manure



Our results: Results of the equestrian center in Ependes/FR

33% cost reduction with Kopros® H

	2016		2017	
N° of horses	60		60	
Straw	300 t/year	CHF 79'200		
Straw pellets			180 t/year	CHF 49'500
Kopros® H			6 Kit	CHF 3'600
Total		CHF 79'200		CHF 53'100

Reduction of manure storage and recovery

	2016	2017
N° of horses	60	60
Manure	3000 t/year	
Compost		700 t/year
Cost of manure removal	CHF 35'000	
Earning money from the sale of compost		CHF 15'000

16 boxes for competition horses, 35 boxes for school horses and retired horses, 1200 m² covered ring for training and lessons.

- Removal of bad odors.
- The animals live in a healthier environment: increased productivity/sports performance, better psycho-physical balance, veterinary costs reduction, etc.
- Improvement of the living environment of the animals and the working environment of the people.
- Improvement of the organic matter contained in the manure, reducing the time of mineralization and complete humification, thus limiting the use of chemical and organic fertilizers in the soils.
- Contributes to facilitate the cohabitation with the municipalities/residents by considerably reducing the ammonia gas emissions.

Our results:

MANURE

- volume of manure **(-40%)**
- + profit** from manure:
- high quality compost
- neutral compost
- 100% natural

COMFORT

- + Increases** comfort in the stable



- Thick, soft and stable bedding
- Constant temperature
- Absence of dust
- Activates the organic breakdown process
- Manure is easy to sort
- Drastic reduction of ammonia



- Quieter
- Cleaner
- Tends to grow longer
- Healthier and happier

Results in gures - Ependes/FR equestrian center (2016 vs 2017)



-33%
straw



-50%
working hours



-75%
hard work



+50%
hygiene



-66%
manure storage



+20%
comfort



-33%
disposal costs
of manure



+Profit
from the sale
of compost

Processing and conservation:

Closed packaging, can be stored for 2 years in a dry environment between 10° C and 43° C, protected from sunlight.

Opened packaging, can be stored for 3 months at room temperature and protected from sunlight (if properly closed and protected from humidity).

Product composition:

Dried and selected cultures of microorganisms on cereal and talc substrate.

Compliance:

The Kopros® range can be used in organic farming according to FiBL Switzerland, Ecocert and the American NOP (National Organic Programme).

- Kopros® H: FOAG 5509

Product registrations are subject to the country-specific legislation.



European
Commission
Horizon 2020

Nitrobio

Manufacturer

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