

PIGS ON STRAW INFORMATION SHEET

PRODUCT INFORMATION

For control of ammonia, odours and cleaning out of straw based pig yards

PRODUCT DESCRIPTION

Dry product containing synergistic blend of specially selected natural organisms fortified with enzyme catalysts. These organisms have been isolated from the environment as being particularly effective in dealing with the organic materials that cause the odours etc. in pig yards.

PERFORMANCE

Deep litter pig pens give problems with odours and ammonia emissions (especially in the spring and summer) which can affect pig performance and annoy neighbours in proximity to the unit. Also cleaning of the floor can be problematical where the manure binds the straw to the concrete. Case histories will show the benefit to farmers in controlling and improving:-

- a) Atmosphere within the building;
- b) Pig performance;
- c) Local environment;
- d) In the time taken to clean yards.

BENEFITS

- Biological activity will reduce the formation of odours and ammonia within the litter.
- Biological activity to enzymatically alter odour compounds to non-odour compounds.
- Additional micro-organisms that “feed on” and reduce the level of ammonia.
- Cleaner atmosphere helps pig health and performance.

- The action of manure with straw can lead to adhesive qualities between the manure and pen’s floor, this bond is broken by the biological degradation of the manure between the individual straws.
- The Epizym products tolerate low levels of antibiotics, hypochlorites, zinc and copper, and will remain active.

COST EFFECTIVE

- Better environment helping to improve pig health and food conversion ratios.
- Reduces time taken to clean pens and thus allows other important tasks to be performed.
- Better working conditions for staff in the pig yard.
- Improves local public relations through lower odours and ammonia.

PRODUCT CALCULATOIN

- 1) Calculate area to be treated.
- 2) Product rate is:
1kg of EPIZYM- PIGS/220sqm. – (1lb/1000sqft).

APPLICATION PROCEDURES

Apply EPIZYM-PIGS on day 15 after the pigs go into the yard (this allows some manure to build up as a food source).

Rehydrate by stirring EPIZYM-PIGS into luke warm water (hand hot) at 1kg to 10 litres (1lb to 1 gallon). Leave for 30 to 45 minutes and strain off the liquid into a knapsack sprayer (or watering can fitted with a coarse rose).

If further dilution is required to ensure an even coverage, add water just prior to spraying.

Apply 2/3 of liquid to dunging area (normally 1/3 of the pen). Apply the balance evenly over the rest of the litter.

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SHELF STABILITY

For long term stability, EPIZYM-PIGS is supplied as a dehydrated powder. To activate the micro-organisms and enzymes, mix with warm water immediately before use.

HEALTH & SAFETY

- Contains natural micro-organisms
- Harmless to humans, plants and animals
- Contains no toxic or hazardous chemicals, acids, caustics or solvents
- Biodegradable

CAUTION

- Avoid using with biocides and other detergents, as this will negate the effects.
- Do not use on absorbent surfaces.

STORAGE

Keep in a cool dry place. Do **NOT** allow the product to become damp or wet in storage.

All information given by Epizym Limited and its authorised representatives is given in good faith and to the best of its knowledge based on Epizym Limited's procedures in effect. Each user of the product must make their own determination of the suitability and amount of product required for a particular application as Epizym Limited provides no warranty or guarantee and shall accept no liability as to the results obtained from the use of the product.

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