

MANURE MANAGEMENT MADE EASY



penergetic[®] 9

Slurry Activator

2¢ a day per cow

- Prevent crust formation
- Curtail noxious odours
- Make slurry homogenous
- Prevent nutrient loss

penergetic[®] k

Compost Treatment

- Compost manure solids
- Accelerated aerobic process
- Reduce odours and insects
- Cost effective & nutrient rich



A Sustainable Approach to Manure Management

Dairy farmers are some of the most important environmental stewards in protecting the country's land and water resources. They accept responsibility for managing their dairy wastes in a manner which increases agronomic benefits while aiming to reduce the risk of over-application, runoff and leaching. Yet, since nutrient management is usually viewed as a "cost" which impacts on profitability, the approach taken to waste management needs to be both cost effective and have beneficial results.

Swiss-based PENERGETIC International AG developed a proprietary approach to livestock waste management, over ten years ago, that is economical, easy to use, requires no capital expenditures and has proven itself effective in dairy operations around the world.

- ◆ Mitigate blocked effluent channels
- ◆ Prevent a floating layer forming in tanks/lagoons
- ◆ Address bottom sedimentation problems
- ◆ Produce homogenous & free flowing slurry
- ◆ Overcome the emission of unpleasant odours
- ◆ Control harmful insects and insect larvae
- ◆ Limit the need to stir or aerate stored slurry
- ◆ Reduce the loss of ammonium nitrate from slurry
- ◆ Curtail plant scorching during land application
- ◆ Protect ground and surface waters



Who Should be Interested?

Whether you have under 50 cows or over 1,000, the penergetic approach can increase the efficiency of your manure handling system: liquids, slurry & solids. Used in small quantities, penergetic g and k include no harsh chemicals, require no additional energy consumption, are environmentally friendly (OMRI listed) and are intended to "save" not cost you money.

[Note: "g" stands for "guile" (German for slurry) and "k" is for "kompost" (German for compost).]

Penergetic g

By stimulating a more complete breakdown of the slurry by rotting (aerobic process), instead of the more common and less desirable putrefaction & decay (anaerobic process), penergetic g works to:

Penergetic k

For manure solids, generated in a loafing barn, freestall barn or as a result of the separation of solids from liquids, treatment with penergetic k is recommended. Applied at a rate of 40 g per m³, penergetic k can be applied in the barn, stalls or directly on the manure pile.

By stimulating an aerobic process, it activates a thorough breakdown of manure, limits nutrient loss, mitigates odours and creates a more homogeneously consistent compost mix - all at an accelerated pace.



For more information contact:

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