



Manure Degradar

Data Sheet



Convert your horse or cow manure to rich fertiliser in 30 – 60 days!
(3 billion workers in every gram!)



Description

Manure Degradar is a powdered blend of selectively adapted micro-organisms blended with crude enzymes

and emulsifiers specifically designed to liquefy, digest and deodorise agricultural wastes.

Manure Management and Composting

Manure is a valuable resource on an organic farm. Livestock are inefficient in extracting nutrients from animal feeds; Typically, 75-90 per cent of major nutrients that are fed to livestock pass directly through the animal into the manure. The extent to which these nutrients can be returned to the soil and made available to subsequent crops will depend on the way the manure is stored and handled.

Standards for organic production allow the use of manure that has been stacked and aged for at least six months unless it has been brought in from off the farm, in which case composting is required. Raw manure can also be used but only on perennials or crops; not for human consumption. Raw and aged manure should be spread when the soil is warm enough (i.e., when plants are growing) for the micro-organisms to be active.

Benefits & Advantages

- Digests cellulosic fibres, proteins, fats and residual carbohydrates in animal wastes.
- Improves consistency of waste for pumping.
- Retards odour generation in animal wastes.
- Maximizes fertilizer value of animal waste material.
- Creates rich fertilizer full of beneficial nutrients the traditional way.

Organic farmers rarely apply raw manure to their fields; they use composted manure. The composting process imitates the decomposition of organic matter on the surface layer of the soil to turn raw manure into humus. Composted manure slowly releases its nutrients into the soil, enhancing the soil microbiological life, whereas the highly-soluble nutrients in raw manure are quickly leached away and can damage both the soil biology and the crop.





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Application Data



General Application to Manure

Mix 10 grams of powder with 5 litres (1 gallon) of warm water and leave for 20-30 minutes to allow activation of the product. Apply the dilution to the dung (manure) and after 6 weeks, results should be obtained. (the higher the bacterial count, the quicker the result).

Odour Control for confinement areas for swine, cattle and poultry; barns; holding tanks; manure pits; drainage systems and waste lagoons.



Confinement Areas

Soak each 10 grams of product in a minimum of 1 Litre of hand warm water for approximately 30 minutes. Spray all areas of waste accumulation. Apply weekly. When washed down, these areas will then seed pits. Specific application rate may be varied depending on amount of waste and tolerable odour level; however, entire confinement area should be sprayed with each application.



Lagoons

Dosage rate is dependent on size of lagoon. Initial seeding dosage is 100 Gram of Manure Degradar for every 2500 to 3000 Litre of waste applied weekly for one month. Reduce to 50 Gram/ 3000 Litres of waste per week thereafter. Application should be made through a spray system, slurring each 100 Gram of product in 2 Litres of water and soaking 30 minutes before spraying.



Waste Pits

Bacterial action breaks up gelatinous or solid matrix in waste pits. Soak 100 Gram in 2 to 4 Litres of water and spray through a suitable, clean agricultural sprayer. Cultures must be sprayed evenly over the entire surface to be effective in liquefying surface scum. Initial dosage of 100 grams per 1000 Litres should be applied weekly until improvement in odour and consistency is determined (2-3 Weeks). Dosage may then be reduced to 100 grams per 2500 - 3000 Litres dosed on a monthly basis. Dosage rate may be varied for specific applications.

Application	Frequency	Rate per Volume	Comments
Small Garden	Once a week for 4 weeks	10 gr./ for up to 1 cubic metre (1000 litre) of Animal Manure	Turn once a Week and reapply on a weekly basis until desired effect is achieved.

Travena Ltd, 8 Priory Gardens, Derby, DE21 4TG, Tel: 0845 2579123, Fax: 0871 7890112, www.travena.co.uk