

## New Formula *Slurry Treatment*

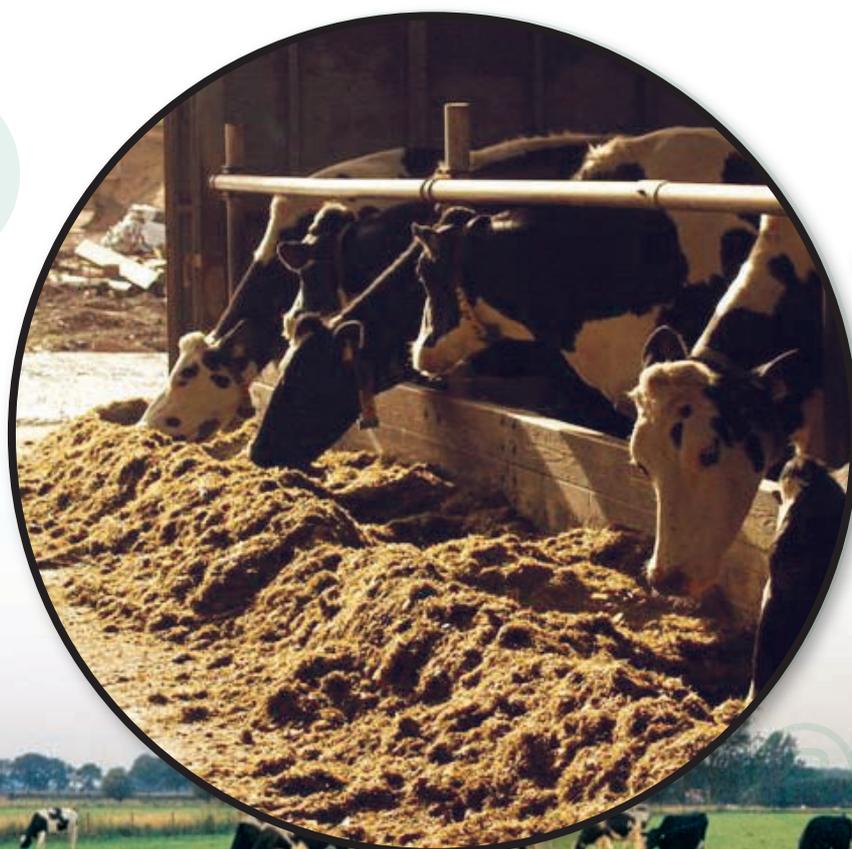
# N-Hance +

A **ready-to-use** product to improve the nitrogen efficiency of your slurry.

N-Hance + changes the condition of slurry to such an extent that anaerobic fermentation (maturing in poor oxygen conditions) takes place.

The fermentation results in an improved quality manure for the soil and the crops with the following effects:

- ✓ **Shifting of mineral nitrogen to organically bound nitrogen leading to improvements in nitrogen use efficiency.**
- ✓ **Less pungent manure with more protection for roots.**
- ✓ **Improved 'Life' in the soil.**
- ✓ **Less ammonia and mercaptans in the housing.**
- ✓ **Less caking/crust formation.**
- ✓ **More homogeneous manure.**



# N-Hance +

N-Hance + is a **ready-to-use** product that can be added directly to all kinds of slurry. Used in conjunction with EM-1® a natural microbial solution, the acidity of the slurry is neutralised and promotes biodiversity in the soil.

## Initial starting application:

Dilute 2 litres of **N-Hance +** in at least 10 litres water and spread this over the manure in the pit per 100m<sup>3</sup> slurry. After 1 week, inoculate the manure with 20 litres activated Effective Micro-organisms (EM-A) to each 100 m<sup>3</sup> manure in the pit.

## Maintenance dosage for cattle:

Use 1 litre **N-Hance +** weekly, diluted with approximately 10 litres lukewarm water for each 50 livestock units (LSU); spread this solution over the slats. If you are starting with an empty pit, inoculate the manure with 20 litres of EM-A per 50 livestock units.

## Dosage for pigs and chickens:

Use 1 litre **N-Hance +** weekly, diluted in 10 litres lukewarm water for every 25 m<sup>3</sup> manure in the pit. If you are starting with an empty pit, inoculate the manure with 20 litres of EM-A per 50 livestock units.

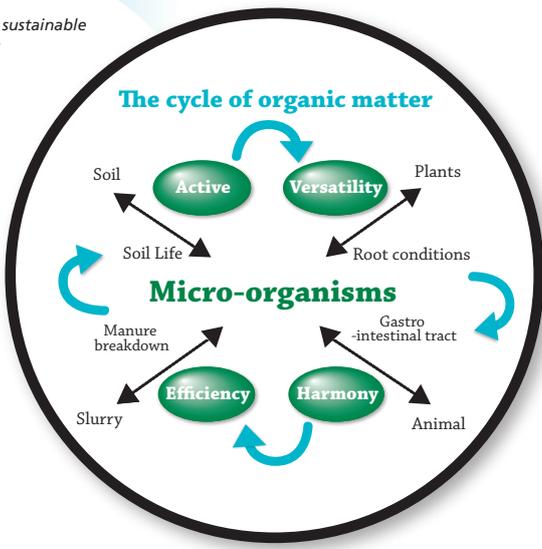
## Dosage for porkers:

Apply by pouring 10 mls **N-Hance +** over the slats of each pig pen. After 1 week, inoculate the pit with 1 litre EM-A per cubic metre of manure.

Shake the contents thoroughly before use; opened containers of **N-Hance +** should be well sealed and used up within one month. Store in a frost-free, cool, and dark place.



Promoting sustainable agriculture

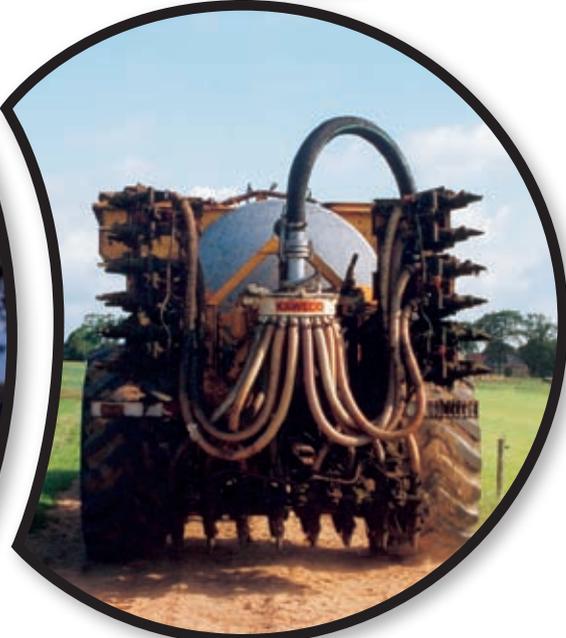


The new **ready-to-use** product for all types of slurry treatment.

With more than 15 years experience in treating various kinds of manure and soil management this product has been developed to promote sustainable agriculture allowing farmers to reduce costs and facilitate amenities. Farmers throughout the UK & Ireland are discovering the benefit of N-Hance and EM Effective Micro-organisms to improve the nitrogen efficiency and cycle of soil-plant-animal-manure.

The following results are reported:

- ✓ Less odour 82.6%
- ✓ Change in colour 30,4%
- ✓ Easier to mix 89.1%
- ✓ Less caking 58.7%
- ✓ Fewer flies 13.0%
- ✓ Foam formation 43.5%
- ✓ More nitrogen for plants 28.3%



Improve the nitrogen efficiency of your slurry with **N-Hance +** and see the optimum effect on life in the soil.

**Example of Nitrogen saving:**

1 high producing cow produces approx. 30m<sup>3</sup> manure per year. In 30 weeks this results in 17.3 m<sup>3</sup> manure.

100x cows = 17,3 x 100 = 1730m<sup>3</sup> manure.

Manure treated with N-Hance releases 1 kg more nitrogen.

This makes a saving of 1730g Nitrogen per year on fertilisers. After calculating against the cost of N-Hance/Nitrogen this is a saving of approx. £300



# N-Hance +

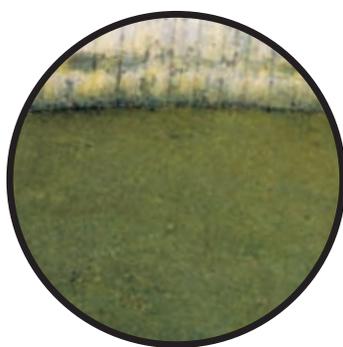
Users report that there is a clear reduction in odour resulting in improvements to mixing and applying manure. This in turn leads to a better animal housing climate and less nuisance to neighbours.

Users also report that the manure can be mixed more easily resulting in time and cost savings. Manure that has a homogeneous composition often leads to less crust and separation and is easier to manage. Moreover, a homogeneous product is easier to spread during application. In order to achieve a good effect and results, the treatment should be repeated regularly.

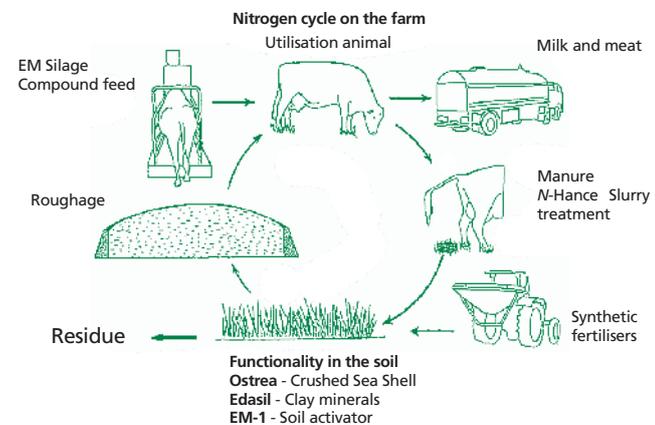
This means that **N-Hance +** should be spread over the slats on a weekly basis. **N-Hance +** and EM work best when they are used together. This encourages fermentation and mineralisation of your organic manure.

Untreated manure

Treated manure



## The EM System



Your dealer:

### EM Effective Micro-organisms Ltd

e-mail: [info@effectivemicro-organisms.co.uk](mailto:info@effectivemicro-organisms.co.uk) • internet: [www.effectivemicro-organisms.co.uk](http://www.effectivemicro-organisms.co.uk)

