

#### International Animal Health Products

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# PRO(N8)URE<sup>®</sup> IFS In Sync with Nature

Efficacy
Safety
Sustainability
Eco-Friendly

Maximise their feed, naturally

The concept behind the **Pro(N8)ure**<sup>®</sup> In Feed Solution (IFS) is to provide a number of options that are naturally efficacious, safe, sustainable and environmentally friendly.

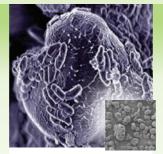
Pro(N8)ure - IFS (In Feed Solution) has the ability to withstand steam, high temperatures and high pressure as used by commercial feedmills to make pellets or mash, loose mixes, premixes and supplements including poured or pressed lick blocks (molasses, salt etc).

The ingredients used in Pro(N8)ure are selected on the basis that they meet or exceed these criteria while combining 3 essential elements:



#### **1. PROBIOTICS**

Probiotics are live microhials which benefit the host animal by improving the intestinal microbial balance essential for a healthy digestive tract. Everyday use helps maintain a balanced digestive system, optimising digestion of feed and enhancing your animals' health, naturally. These microbes are safe, non-toxic and residue free.



2. PREBIOTICS

Prebiotics are food ingredients that reach the large intestine unaffected by the digestive process and feed the good bacteria within the gut helping them to grow and flourish. Prebiotics. for example resistant starch (and this is not the only one), lowers the pH, reduces ammonia, phenols and other potentially harmful compounds and helps to keep the digestive tract healthy.



### 3. MULTI-STRAIN ENZYME

Many plant based feed ingredients contain substrates with Anti-Nutritional Factors (ANF's) that reduce animal growth. A Multi-Strain Enzyme is preferable because it improves the digestibility of these ANF's by de-grading fibre, proteins, starch, energy and releasing phosphorous into feed to optimise digestion and maximise feed performance while fully capturing nutritional value in meat, milk or egg production.

These 3 elements form a natural microflora management tool for improved digestion, resulting in better performance and good health and WITHSTAND:

Steam • High temperatures • Pelleting • Extrusion • Poured or pressed blocks

Each of the Pro(N8)ure ingredients (either singularly or collectively) are compatible with vitamins, minerals, amino acids, coccidiostats, medications, acidifiers, flavours, colours etc.

This combination forms a natural microflora management tool for improved digestion, resulting in better performance and good health of all livestock.

As examples we have included Pro(N8)ure - IFS in the following IAH products:



Livamol Feed Optimiser Pellets for Cattle\*



Livamol Feed Optimiser Pellets for Horses\*



Manomix Pellets for all animals

\*See brochure for details or visit our website: www.iahp.com.au



## Just some of the benefits noted in the literature of the actives within Pro(N8)ure - IFS



- Supporting your animals' natural good bacteria within the gut by lowering the pH, reducing ammonia, phenols and other potentially harmful compounds
- Improved digestion and feed efficiency in all livestock <sup>(2&4)</sup>
- Reducing pathogenic pressure in the gut (1)
- Improved productivity, average daily gain and final body weight in pigs (2)
- Improved productivity, nutrient digestion and increased milk production. (4)
- A significant increase in fat and protein in milk, reduced mortality of lambs deaths associated with diarrhoea caused by *E.coli*<sup>(3)</sup>
- Increased rate of rumen development in calves and increased growth performance by improving average daily gain (AGD) and feed conversion efficiency (FCE) as well as by advancing the weaning age of calves <sup>(4&5)</sup>
- A promising alternative to antibiotics in feed <sup>(6)</sup>
- Maybe useful for improving the adverse effects of heat on egg production and gut health of laying hens <sup>(7)</sup>
- Improved response to vaccination in broilers <sup>(8)</sup>

References: 1. Kampf, D 2012. 2. EFSA 2010. 3. Kritas et al 2006. 4. Sun et al 2010. 5. Sun et al 2011. 6. Guo et al 2006. 7. Deng et al 2012. 8. Molnar et al 2011.



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