



## PROTEXIN®

PROTEXIN® IS A MULTI-STRAIN PROBIOTIC CONTAINING LIVE BENEFICIAL BACTERIA.

**PRESENTATION:** There are different types of PROTEXIN®:

PROTEXIN® POWDER	- In feed formula containing 60 million colony forming units (CFU)/g
PROTEXIN® SOLUBLE	- Water soluble formula containing 180 million CFU/g
PROTEXIN® PASTE	- Oral paste formula containing 180 million CFU/g
PROTEXIN® LIQUID	- Oil based formula containing 180 million CFU/mL

**ACTIVE CONSTITUENTS:** Each g or mL contains: *Lactobacillus acidophilus*, *Lactobacillus delbrueckii* subspecies *bulgaricus*, *Lactobacillus plantarum*, *Lactobacillus rhamnosus*; *Bifidobacterium bifidum*; *Enterococcus faecium*; *Streptococcus salivarius* subspecies *thermophilus*.

**PROPERTIES:** PROTEXIN® is a blend of live viable microbes which benefits the host animal by improving the intestinal microbial balance. Everyday use of PROTEXIN® helps maintain a balanced digestive system, thus optimising digestion of feed and enhancing your animals' health, naturally. These microbes are safe, non-toxic and residue free.

PROTEXIN® may be used during periods of stress (stresses disrupt the normal intestinal balance), e.g. overcrowding, pregnancy and lactation, scouring and diarrhoea, temperature extremes, transportation, training and exercise, and medication; and following animal husbandry procedures or practices such as antibiotic use, birth, castration, debeaking/dehorning, diet changes, loss of appetite, surgery, vaccination, weaning and worming. PROTEXIN® is compatible with feed ingredients including anthelmintics, coccidiostats, minerals and vitamins, and some antibiotics.

### Indications for use (Australia):

- An aid during periods of intestinal dysfunction in all animals, including treatment and control of scouring or diarrhoea, exclusion and suppression of pathogens such as *E. coli*, *Salmonella* spp. and *Aeromonas* spp.
- Post-antibiotic therapy in all animals for the re-establishment of gut microflora following antibiotic usage.
- Improved weight gains and feed conversion in growing pigs and cattle.
- Productivity improvements and reduced mortality in poultry.
- Aids in the establishment of gastrointestinal microflora of physiologically immature animals, e.g. day old chicks, neonatal calves, pigs, foals, lambs and kids, puppies and kittens.

### Indications for use (New Zealand):

- An aid during periods of intestinal dysfunction in all animals.
- Post-antibiotic therapy in all animals for the re-establishment of gut microflora following antibiotic use.
- Improved weight gains and feed conversion in growing pigs and cattle.
- Productivity improvements and reduced mortality in poultry.
- Aids in the establishment of gastrointestinal microflora of physiologically immature animals, e.g. day old chicks, neonatal calves, pigs, foals, lambs and kids, puppies and kittens.

### DOSAGE AND ADMINISTRATION:

#### (Australia)

**RESTRAINT:** PROTEXIN® should not be used in conjunction with Penicillins, Cephalosporins, Tetracyclines, Avoparcin, Gentomycin, Lincomycin, Streptomycin, Tiamulin or Tylosin, but may be used immediately following these antibiotics.

#### (New Zealand)

**RESTRAINT:** Using concurrently with some antibiotics may compromise beneficial effects. PROTEXIN® efficacy may be reduced if used in conjunction with some antibiotics. Please contact International Animal Health Products for advice regarding the use of PROTEXIN® in conjunction with antibiotics.

#### (Australia & New Zealand)

**Individual Dose:** Use at stress levels for the first 5 days then at the maintenance dose level. **In-Feed:** Refer to label for instructions.

PRODUCT ►	P. POWDER			P. SOLUBLE**		P. PASTE		P. LIQUID	
	INDIVIDUAL DOSE (per head per day)		IN FEED* (kg/tonne)	INDIVIDUAL DOSE (per head per day)		INDIVIDUAL DOSE (per head per day)		INDIVIDUAL DOSE (per head per day)	
	Maintenance	Stress		Maintenance	Stress	Maintenance	Stress	Maintenance	Stress
<b>HORSES:</b>	10 g	20 g	1.0	10 g	20 g	10-20 g	10 mL	20 mL	
<b>FOALS/PONIES:</b>	5 g	10 g	2.0	5 g	10 g	5-10 g	5 mL	10 mL	
<b>CATTLE:</b>	2 g	4 g	0.5-1.0	2 g	4 g	2-4 g	2 mL	4 mL	
<b>CALVES:</b>	1 g	2 g	0.4	1 g	2 g	1-2 g	1 mL	2 mL	
<b>SHEEP/GOATS:</b>	2 g	4 g	1.2	2 g	4 g	2-4 g	2 mL	4 mL	
<b>LAMBS/KIDS:</b>	1 g	2 g	1.4	1 g	2 g	1-2 g	1 mL	2 mL	
<b>PIGS:</b>	1-2 g	2-4 g	0.5-0.6	2 g	4 g	2-4 g	2 mL	4 mL	
<b>PIGLETS:</b>	1 g	2 g	1.4	1 g	2 g	1-2 g	1 mL	2 mL	
<b>DOGS:</b>	1-3 g	2-6 g <sup>♦</sup>	1.5	1-3 g	2-6 g <sup>♦</sup>	1-3 g to 2-6 g	1-3 mL	2-6 mL <sup>♦</sup>	
<b>PUPS/KITTENS:</b>	1 g	2 g	1.0-3.0	1 g	2 g	1-2 g	1 mL	2 mL	
<b>CATS:</b>	1 g	2 g	1.5	1 g	2 g	1-3 g to 2-6 g	1 mL	2 mL	
<b>POULTRY:</b>									
<b>CHICKS</b>					1 g/L**				
<b>BROILERS/LAYERS</b>			0.5-1.5		500 g/500 L**				
<b>CAGED BIRDS:</b>					1 g/L**			1 mL/500 g feed	

\*Use as a guide only. Rates may vary depending on daily feed intakes. ♦ (Small-2 g, Medium-4 g, Large-6 g). \*\*Add P. Soluble to drinking water – make fresh daily. For other animals contact International Animal Health Products. **NOTE:** A level measure holds around 2 g (small), 25 g (large) (P. POWDER, P. SOLUBLE) & the finger pump delivers 1.5 mL (P. LIQUID).

**WITHHOLDING PERIODS: MEAT: NIL; MILK: NIL; EGGS: NIL**

**TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): ESI not required (Australia)**

**POISONS SCHEDULE: EXEMPT (Australia)**

### REGULATORY STATUS:

**Australia:** AUSTRALIAN PESTICIDES & VETERINARY MEDICINES AUTHORITY  
**New Zealand:** EXEMPT

**PACK SIZES:** PROTEXIN® POWDER: 125 g, 250 g, 1 kg, 5 kg, 20 kg, 25 kg  
PROTEXIN® PASTE: 30 g, 100 g (syringe)  
PROTEXIN® SOLUBLE: 125 g, 250 g, 500 g, 2.5 kg, 25 kg  
PROTEXIN® LIQUID: 125 mL, 250 mL, 1 L, 5 L, 25 L

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