

# NEUMO 200®

Oxytetracycline premix

**REG. SAGARPA Q-2083-044**

## FORMULA

Each kg contains Oxytetracycline 200 g  
Excipient c.b.p.1000 g

## INDICATIONS

For the treatment of diseases caused by germs sensitive to the action of oxytetracycline.

## PRESENTATIONS

Sack with 25 Kg.

## ANTIBACTERIAL SPECTRUM

It is a broad-spectrum antibiotic that is very active against gram-positive bacteria, it has an outstanding action on mycoplasmas and chlamydiae.

Very sensitive bacteria:

- Mycoplasma gallicepticum
- Mycoplasma meleagridis
- Chlamydia psittaci
- Clostridium sp
- Haemophilus sp
- Pasteurella multocida
- Hemolytic Streptococcus B

Moderately Sensitive Bacteria:

- E. coli
- Salmonella sp
- Corynebacterium

## DESCRIPTION

Once absorbed, oxytetracycline binds with plasma proteins by 20%, this being a low binding percentage in relation to other tetracyclines (up to 65%).

It has a half-life of approximately 7 to 11 hours and due to its lipophilic characteristics it is distributed through all the fluids and organic tissues, crosses placenta and fetal circulation.



### COMPARATIVE TABLE

	NEUMO-200	CLORTETRACICLINA
Changes in pH	Stable	Unstable
High temperatures	Stable	Unstable
Intestinal absorption	60-70%	30 %
Plasma protein binding	20%	65%
Chelation formation	Low	High
Average life	7-11 hrs	4-6 hrs.

### ADVANTAGES NEUMO-200 vs. PURE SALES

NEUMO 200	PURE SALES
Guaranteed% purity	Generally doubtful
Thermostable	Not thermostable
Slightly hygroscopic	Very hygroscopic
Antistatic	No (sticks in the mixer)
Homogeneous mixture	Not homogeneous

## DOSE

Generally, Pneumo 200 can be used for pigs, poultry and cattle in the following 3 ways:

### 1) Preventive levels:

The product can be delivered in depressive states or with low levels of defenses, in order to prevent illnesses following the stress states.

### 2) Healing levels:

Treatment of diseases susceptible to the action of oxytetracycline.

### 3) Growth promoter:

In birds, pigs and cattle. When adequate levels of Pneumo-200 are continuously administered, according to the supply tables, increases in growth and production are obtained, improving feed conversions.

## USE IN SWINES.

In pigs, the premix acts as a growth promoter when administered continuously. Also in the prevention of respiratory diseases and as a treatment for leptospirosis, mycoplasmosis and bacterial respiratory problems.

DOSE OF PNEUMO 200	INDICATION	PERIOD
250-300 g/ton	Swines, as a promoter to increase weight gain and feed efficiency	Continue
1 Kg/ton	Treatment of diarrhea of piglets, bacterial enteritis, and salmonellosis.	10-15 days
1Kg/ton	To maintain food intake and weight gain in the presence of atrophic rhinitis	Continue
2-3 Kg/ton	Pigs between 15-100 Kg treatment of leptospirosis, enzootic pneumonia, respiratory infections	Leptospirosis 1 month Enzootic pneumonia and respiratory infections. 10-15 days

## POULTRY USE.

TAKE CONCENTRATION THE CALCIUM CONTENT OF THE RATION FOR THE OPTIMUM USE OF OXYTETRACICLINE.

DOSE	INDICATIONS	TIME
2-2.5 Kg/ton	Prevention and control of chronic respiratory disease	7-10 days
2-3 Kg/ton	Treatment of infectious synovitis.	10-15 days
250-3200 g	As a growth promoter	Continuous during fattening
1 Kg /ton 2-3 Kg/ton	Prevention of avian cholera. Treatment.	Continuous 10-15 days
250-500g/ton	To increase egg production, fertility and incubability and quality of the shell.	Continuous or 2 weeks per month.
500-1000 g/ton	For the prevention of early mortality in chickens	The first two weeks
2-3 Kg/ton	Salmonellosis treatment	10-15 days
2-3 Kg/ton	For the control of mycoplasmosis in breeders and layers	7 days once a month, from breaking posture to the end of posture
2-3 Kg/ton	For the treatment of gangrenous dermatitis in broiler chicken and laying hen.	10-15 days
2-3 Kg/ton	For the control of infectious coryza in laying hens	10-15 days (Simultaneous parenteral treatment).
250-300 g/ton	In turkeys to increase weight gain egg production and hatchability	Continuous
1 Kg/ton	In turkeys for the control of hexamintiasis, blue crest and nonspecific enteritis	10-15 days
500-1000 g/ton	In turkeys for the prevention of early mortality.	The first 2 weeks of life.

Note: at a dose of 1 kg / ton or more, remove the medicated feed 5 days before slaughter. Doses less than 1 Kg / ton do not require withdrawal period.

Program	Preventive Kg/Ton	Grams assets	Curatives Kg/Ton	Grams assets
Fattening chicken	0.5 - 1.0 Kg (From 7 to 14 days)	100-200 g	1.5 – 2.5 Kg (From 10 to 15 days)	300 - 500 g
Fattening pigs	0.5 - 1.0 Kg (From 8 to 21 days)	100-200 g	1.5 – 2.5 Kg (From 8 to 10 days)	300 - 500 g
Breeding sows	1.5 Kg (From 8 to 10 days post-mount)	300 g	2.0 – 2.5 Kg (From 8 to 10 days 15 - 5* - 15 days)	400 - 500 g
Posture birds	0.5 - 1.0 Kg (From 7 to 14 days)	100-200 g	1.5 – 2.5 Kg (From 10 to 15 days)	300 - 500 g

Days without medication

## USE IN CATTLE.

In this species it is possible to use Pneumo-200 as:

### 1. PROMOTER OF FATTENING OR MILK PRODUCTION

In this case, it is used continuously, calculating 5 g. of finished product per head per day mixed with the concentrate or in the pasture.

### 2. AS PREVENTIVE OF DISEASES DURING PERIODS OF STRESS

In this case the product can be administered when the cattle land, or during the cold months or when carrying out some handling of it,

They are dosed between 5-10 g. per head per day for a period between 7-10 days.

### 3. FOR THE TREATMENT OF INFECTIOUS PROBLEMS

(Calculate 5-10 mg / Kg weight) as:

- Bacterial pneumonia.
- Fever of boarding.
- Hemorrhagic septicemia
- Bacterial diarrhea.
- Pododermatitis.

The dose to use of finished product in these cases is 10 gr per head for 7-10 days. Mixed in the concentrate or spread over the pasture.

<b>TYPE</b>	<b>WEIGHT Kg</b>	<b>G.DE I.A./ head</b>	<b>PERIOD IN DAYS</b>	<b>APPLICATION</b>
VIENTRES	MADURAS	1 g	21-28	5 Kg/ton supplement.
Breastfeeding calf	90	75 mg	210	40g/ton
Weanling calf	150-200	75 mg	30	200g/ton
Growth	200-300	75 mg	170	600g/ton
Fattening	300-400	75 mg	120	
Estabulated arrival	250-400	2 g	7-10	consumption 5 Kg by /ton
Stabulated finished	400-500	1 g	60-90	

In case of giving concentrate or a rationed diet per day, calculate the consumption per day of the animal, calculate how many heads are fed with a ton multiply the number of heads per grams of active ingredient, and multiply the result by 5 to obtain how much finished product should be added per ton of food.

### **ROUTE OF ADMINISTRATION**

Oral mixed with food.

### **WARNINGS**

Do not use this product 4 days before the slaughter of animals intended for human consumption. Keep out of reach of children.

Store in a cool, dry place, protected from light.

**CONSULT THE VETERINARY PHYSICIAN  
YOUR PURCHASE REQUIRES A MEDICAL PRESCRIPTION**