

Nawaject-IMM

Injector

be Aware
be Secure
against



Prevalence of
clinical Mastitis in
Dairy animals in
Pakistan is 24.6%
(FAO, 2014)



NAWAN
LABORATORIES (PVT.) LTD.



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Injector

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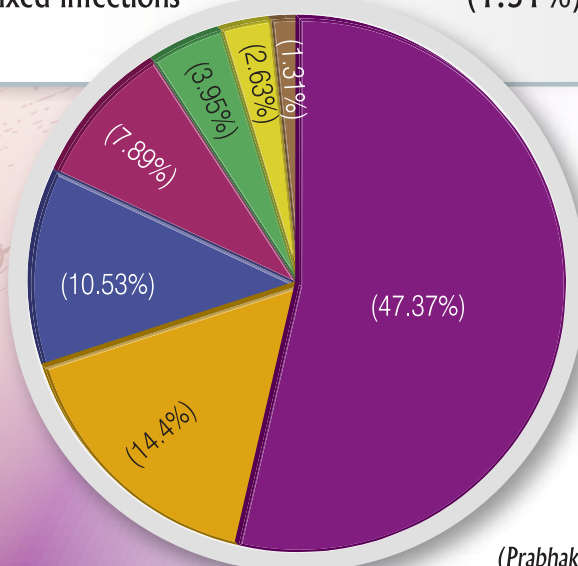
DESCRIPTION

Nawaject for intramammary infusion into the dairy cow is a product which provides a wide range of bactericidal activity against Gram-Positive and Gram-negative organisms.

Nawaject is a stable, non-irritating suspension containing 300mg of Cloxacillin Sodium, 200mg of Neomycin Sulphate & 10mg of Prednisolone Acetate per disposable syringe.

MASTITIS CAUSING BACTERIA

○ Staphylococcus aureus	(47.37%)
○ Streptococcus agalactiae	(14.4%)
○ E. coli	(10.53%)
○ Pseudomonas spp.	(7.89%)
○ S. pyogenes	(3.95%)
○ S. dysgalactiae	(2.63%)
○ Mixed infections	(1.31%)



Combination of Intramuscular or Intravenous with Intramammary infusion over 3 days period resulted in the highest mastitis cure rate.

(Anderson et al., 1982)

(Prabhakar et al., 1995)



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EFFECTIVENESS

In non-lactating mammary gland Nawaject provides bactericidal levels of the active antibiotic for a prolonged period of time. This prolonged activity is due to the low solubility and slow release gel base technology adopted in manufacturing of Nawaject intramammary tube.

Nawaject contains broad spectrum antibiotic which are effective against all major infections mastitis pathogens *Staphylococcus aureus*, *Streptococcus agalactiae*, *E. coli*, *Pseudomonas spp.*, *S. pyogenes*, *S. dysgalactiae* and *Mycoplasma* etc.

Mastitis therapy success depends upon certain factors like correct diagnosis, the drug selected, appropriateness of the route of administration, stage at which treatment is initiated, severity of udder pathology, supportive treatment, elimination of predisposing factors.

(Du Preez et al., 2000)

REASONS FOR TREATMENT FAILURE

- Lack of inadequate contact between bacteria and antibiotic.
- Protection within Leukocytes.
- Poor drug diffusion.
- Microbial resistance to antibiotic.
- Stopping treatment too early.



MASTITIS CONTROL

- More Milk Production
- Better Milk Composition
- Safe & Healthy Animal
- More Profit



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PRODUCT DESCRIPTION

COMPOSITION:

Each 4 gm syringe contains:
Cloxacillin Sodium U.S.P.: 300 mg
Neomycin Sulphate B.P.: 200 mg
Prednisolone Acetate U.S.P.: 10 mg
Mfg Nawar Specs.

INDICATIONS: Use Prophylactically and therapeutically for mastitis in cows & buffaloes. Nawaject is effective against gram-positive and gram-negative bacteria.

DOSAGE: Prophylactically administer one Nawaject syringe in each teat after the final milking before dry off. As treatment inject one tube in infected teat for 3 consecutive days.

WITHDRAWAL PERIOD: Meat: 30 days pre slaughter withdrawal required following administration. Milk: 4 days milk withhold following calving.

STORAGE CONDITIONS: Store below 30°C in a dark and dry place away from children.

PRECAUTIONS:

Protective gloves should be worn when infusing animals. Avoid skin exposure with the product.

Packing:
Available in 12 syringes box.

HOW TO USE IT



1 After milking is complete, thoroughly clean and disinfect the end of the teat (e.g. with cotton wool soaked in methylated spirit)



2 Hold the barrel of the syringe firmly in one hand and gently twist and pull the protective cap in a straight line to remove it. DO NOT BEND THE NOZZLE. Take care not to contaminate the nozzle.



3 Insert the nozzle fully into the teat canal and apply steady pressure on the syringe plunger until the full dose has been delivered. Holding the end of the teat with one hand, gently massage upwards with the other to aid dispersion of the antibiotic into the quarter.



4 Finally immerse the teats in a teat dip.

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علامات: گائے اور بھینس میں ساڑواور تھنوں کی ہملہ بیماریوں میں حفظ ماقدم اور علاج میں استعمال کریں۔ نواجیکٹ گرام مثبت اور گرام منفی بیکٹریا کے خلاف انتہائی موثر ہے۔ **خوراک اور طریقہ استعمال:** جانور کو دودھ سے خشک کرنے کے وقت ہر تھن میں ایک نواجیکٹ ٹیوب دیں۔ ساڑو کے علاج کے لئے: متاثرہ تھن میں ایک ٹیوب روزانہ کی بنیاد پر تین دن کے لئے استعمال کریں۔ **دودھ کا عرصہ:** گوشت: ۳۰ دن دودھ: ۴ دن **ہدایات:** ۳۰ ڈگری سے کم درجہ حرارت پر خشک اور نہشتا تاریک جگہ پر بچوں کی پہنچ سے دور رکھیں۔

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