

BOVAX[®] 3V



Inactivated trivalent vaccine
for the prevention of bovine
respiratory infections



- *High immunising capacity*
- *Total absence of pathogenicity*
- *No risk of abortion in pregnant cows or decrease in fertility or productivity*
- *Immunisation also against Pasteurella, a frequent cause of bacterial complications of primitive viral infections*
- *Polystyrene pack to ensure better storage of the product*



**AGRIPROM
PAKISTAN**
(Pvt) Ltd.

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BOVAX® 3V

Trivalent inactivated vaccine against respiratory diseases in cattle due to the IBR and PI₃ viruses and Pasteurella multocida

Efficacy

- ✓ It induces high and prolonged antibody levels.
- ✓ It antagonises the primary agents of respiratory infections (viruses) and secondary agents (the bacteria responsible for superinfections), amongst which the most dangerous is *Pasteurella multocida*.
- ✓ The adjuvant used is a highly purified saponin, which reduces local reactions to a minimum and possesses high immunostimulant properties.

Safety

BOVAX® 3V IS AN INACTIVATED VACCINE:

- ✓ It does not cause persistent infection due to the vaccine strain of IBR virus, as happens when animals immunized with live attenuated vaccines.
- ✓ There is no risk of spread of the vaccine strains at the farm.
- ✓ May be used in animals of any age or production category.
- ✓ Does not cause decreases in fertility or productivity, side effects which can accompany immunisation performed with attenuated strains.
- ✓ Does not cause vaccination stress, consequently eliminating the risk of secondary infections.



Serous nasal discharge and sialorrhoea



Abortion induced by IBR virus

In case vaccination is introduced in the farm for the first time, inject all the subjects at the same time, with a booster after 2-4 weeks, then follow the programmes recommended.

If the animals are moved to a different farm, it is advisable to perform basic vaccination programme, namely the first two vaccinations or at least the first vaccination, prior to transport.

خصوصیات

سانس کی تین مہلک بیماریوں گل گھوٹو، پیرا انفلوئنزا، آئی بی آر کے خلاف قوت مدافعت پیدا کرتی ہے۔

استعمال

خوراک: 5ml فی جانور زیر جلد انجیکشن کریں اور انجیکشن لگانے سے پہلے بوتل کو اچھی طرح ہلایں۔

ویکسینیشن پروگرام

گوشت والا جانور: پہلا انجیکشن فارم پر پہنچنے پر دو سر 11 انجیکشن پہلے انجیکشن سے 2-4 ہفتے بعد اور ہر 6 ماہ بعد بوسٹر ڈوز لگوائیں۔

دودھ دینے والے جانور: (کٹا کٹی / وچھا وچھی) پہلا انجیکشن پیدا ہونے کے تین ہفتے بعد

دوسرا انجیکشن پہلے انجیکشن سے 2-4 ہفتے بعد اور ہر 6 ماہ بعد بوسٹر ڈوز لگوائیں۔

احتیاط

ویکسین کو فریج میں دو سے آٹھ ڈگری سینٹی گریڈ تک رکھیں اور ہر گز برف بننے سے بچائیں

ویکسین کو سورج کی روشنی سے محفوظ رکھیں۔

COMPOSITION

Each 5 ml dose of vaccine contains:
inactivated culture of infectious bovine rhinotracheitis (IBR) virus: 10⁷ DICT₅₀,
inactivated culture of parainfluenza 3 virus: 10⁷ DICT₅₀, inactivated culture of *Pasteurella multocida*: 15x10⁹ CFU.
Adjuvant: alhydrogel saponin (Quil A).

INDICATIONS

Active immunization against infectious bovine rhinotracheitis (IBR), parainfluenza 3 and pasteurellosis in cattle.

ADMINISTRATION

Subcutaneous.

DOSAGE

The vaccine should be administered by subcutaneous injection at a dosage of 5 ml.

In farms where treatment is being initiated treat all animals at the same time.

Administer booster 2-4 weeks later.

Beef cattle:

- first vaccination on arrival, followed by a booster injection 2-4 weeks later;
- second booster after about 6 months.

Dairy and breeding cattle:

Calves:

- first vaccination at 3rd week of life, followed by a booster 2-4 weeks later; further boosters every 6-8 months.

Heifers and cows:

vaccinations every 6-8 months.



Produced according to Good Manufacturing Practices of European Union (EU-GMP), the best certified quality system for veterinary biologicals

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پیکنگ: 250 ml