



NAROVAC Anti-Tick Vaccine Factsheet

What is the NAROVAC Anti-Tick Vaccine

NAROVAC Anti-Tick Vaccine is Uganda's first patented anti-tick vaccine, developed using locally common tick species. It offers a targeted solution for controlling ticks and reducing tick-borne diseases in livestock.

How it Works



Stimulates the animal's body defence system to improve its ability to fight against ticks.



Blood from a vaccinated animal disrupt the tick's feeding and egg laying system weakening it to death.



Tick populations decline over time.

Benefits of Using NAROVAC Anti-Tick Vaccine

1

Economic benefits

The NAROVAC reduces the cost of tick control through reduced chemical use and associated expenses, mortalities and improved productivity.

2

Social benefits

Improved livestock welfare, reduced farmer stress.

3

Environmental benefits

NAROVAC contributes to reduced use of chemicals thereby contributing to environmental conservation

4

Tick Resistance

The use of NAROVAC delays and will eliminate tick resistance

5

Public health benefit

The use of NAROVAC completely eliminates the risk of chemical poisoning in animals and handlers.



How is it Administered

o NAROVAC® (ATVI) is a ready to use vaccine without the need for reconstitution

o NAROVAC® (ATVI) should be administered by a licensed veterinarian or an animal health worker under the supervision of a licensed veterinarian.)

Vaccination Schedule

Injections	Days/ months	NAROVAC dosage
1 st Dose	Day 0	1 ml
2 nd Dose	4 (after 30 days)	1 ml
3 rd Dose	24 (six months after the second dose)	1 ml



NAROVAC is Safe for animals and humans

Research shows that NAROVAC is safe for both animals and humans.

Milk, meat, and other products from vaccinated animals are safe for consumption.

NAROVAC does not affect animals' fertility, pregnancy, or other body functions and processes (body temperature, digestion, respiratory rate, or heart rate).



NAROVAC reduces tick infestations

Proper use and application of NAROVAC results into a progressive reduction in tick infestation on livestock within the environment, reducing tick infestation.

NAROVAC is used alongside other tick control measures

NAROVAC should be integrated with other tick control methods.



NAROVAC is Safe for animals and humans

The development of NAROVAC Anti-Tick Vaccine was conducted under strict regulatory oversight by:

- The National Drug Authority (NDA)
- The Uganda National Council for Science and Technology (UNCST)
- The National Biosafety Committee (NBC)
- Institutional Biosafety Committees (IBCs)
- Institutional Animal Care and Use Committees (IACUCs)
- Department of Animal Health (MAAIF)
- Independent clinical inspectors

The necessary biosafety requirements were followed throughout the Vaccine development process.

The NAROVAC targets three common tick species



Blue Tick



Brown Ear Tick



Bont Tick

NAROVAC Distribution

It is distributed and sold to farmers at an affordable price through the National Veterinary Extension Service Delivery System and authorized public-private partnerships.

For more information, contact:

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