



THE COST OF LIVESTOCK TICKS

What Are Ticks?

Ticks are blood-sucking parasites that attach to animals.

Ticks are one of the most harmful external parasites in livestock production.



Why Should You Be Concerned About Ticks?



Ticks are the leading transmitters of cattle and other livestock diseases e.g.,

- East Coast Fever (Theileriosis)
- Anaplasmosis
- Babesiosis (Redwater)
- Heartwater disease



Tick bites and Tick-Borne Diseases can;

- Weaken animals
- Cause stunted growth
- Kill animals
- Reduce meat and milk production
- Affect quality of hides and skin products



Losses caused by ticks

- High veterinary treatment costs
- Over **UGX 3.8 trillion** lost every year
- Up to **50% cattle mortality** in untreated herds
- Degraded soil and water quality due to chemical overuse and spillage
- Chemical control of ticks may cause loss of useful organisms such as bees and beetles



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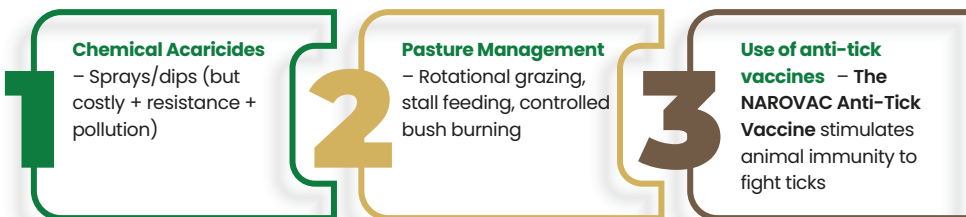


50% cattle
mortality

Tick Burden in Uganda

- **14 million** cattle at risk
- **30% production losses** per animal products
- **20%** of farm costs go to tick control
- **70%** of farmers report tick resistance to acaricides

How Are Ticks Controlled?



Protect Livestock. Promote Livelihoods.

Use the NAROVAC Anti-Tick Vaccine to:

- Reduce tick populations
- Cut treatment costs
- Improve animal health
- Save your income

Fight ticks the smart way

Vaccinate with NAROVAC!