

**Title: Expression of interest for Licensing Animal Feed supplement Technologies**

**ICAR-NIANP technologies developed on anti-methanogenic feed supplements**

1. "Tamarind seed husk enriched complete feed block for reducing enteric methane emissions from ruminants". (Patent Granted)
2. "Non-conventional oil for reduction of enteric methane emissions in ruminants". (Patent Granted)
3. "Brewery waste for reducing enteric methane emissions from ruminants".
4. "Biowaste of seaweed obtained after supercritical fluid extraction for reducing enteric methane emissions in ruminants" (patent Applied)

The above mentioned technologies are feed supplements developed and evaluated at ICAR-NIANP towards reducing the enteric methane emissions from the ruminants are available for licensing on non-exclusive basis. The technologies are effective in reducing the enteric methane emissions from livestock to the tune of 15-18%. The technologies are available on as is basis and the upscaling and exploration of the raw materials is sole responsibility of the client. ICAR-NIANP shall provide the method and extent of addition of the supplements in the livestock ration for achieving the enteric methane emissions. The terms for licensing would be provided after receiving the expression of interest and submission of the client business profile.

**Prospective clients of the Technology:** ruminant feed manufacturers with the facility for making the concentrate feed and complete feed block making facility for the technology at SI No 1.

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