

3. UTILIZATION OF CRUDE GLYCEROL OBTAINED IN BIODIESEL PRODUCTION AS AN ALTERNATE TO GLYCOGENIC FEED SUPPLEMENT FOR DAIRY COWS

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Budget : Rs. 55.58 Lakhs
Funding : DST GoI
Duration : 3 years

This is a collaborative project between NDRI (Southern Regional Station Bengaluru) and KSCST, Indian Institute of Science sponsored by DST Government of India during 2017-18. The total project cost is Rs. 55.58 lakhs and the duration is for 3 years. The objectives of the project is to evaluate the application of glycerol (obtained as a by product in biodiesel production from non edible oil seeds), as a nutritional supplement for enhancing the lactation in dairy cows.

Progress:

The process of glycerol purification has begun and 4 samples for initial trials has been prepared. The experiments will be carried out at NDRI. The tender document for procurement of Transesterification unit and High Performance Optical Double Beam Atomic Absorption Spectrometer has been prepared and would be shortly released for e procurement.