



MOHD AZRUL LOKMAN

Dr.

EDUCATION



BSc., MSc.(UMT)



PhD. (Kasetsart)

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EXPERTISE

Field

Tropical Agriculture

Expertise

Animal Husbandry

Specialization

Ruminant Health and Parasitology
Natural Product for Animal
Livestock Product Quality



RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the exploration and utilization of local terrestrial and marine plants as natural feed, supplementation and non-chemical treatment for livestock diseases in line to produce a good quality of meat and milk products for consumers. This field of research required detail understanding of pharmaceutical and nutraceutical concepts of natural products and their secondary metabolites compounds' efficacy to be used on livestock. To promote natural products to be implemented in field by local farmers, a complete information on toxicological data consisting of safety feeding regime and side effects on animal's body and their internal organs should be studied. Laboratory validation on *in vitro* efficacy trial should be followed by *in vivo* feeding trial on farm. Farm and animal management are also the important factors that should be observed to evaluate their influence on livestock diseases. To extend my research, I also have explored the effects of utilization of natural products in animals feed on meat and milk quality by observing their post-harvest parameters.

PROFESSIONAL MEMBERSHIP

- 🕒 Malaysian Society of Parasitology and Tropical Medicine
- 🕒 Malaysian Society of Animal Production
- 🕒 Malaysian Natural Product Society

NETWORKING & RESEARCH COLLABORATION

- 🕒 Kasetsart University, Thailand
- 🕒 Chiang Mai University, Thailand
- 🕒 Gadjah Mada University, Indonesia

PUBLICATION

- 🕒 Scopus ID :
- 🕒 Researchgate : Mohd Azrul Lokman
- 🕒 Google Scholar : Azrul L. M.