

MONITORING AND CONTROL OF ANIMAL DISEASES (MYA/5/009) D3 New

CORE FINANCING

YEAR	Experts		Group Activity	Equipment	Fellowships		Scientific Visits		Group Training	Sub-Contracts	Misc. Comp.	TOTAL
	m/d	US \$	US \$	US \$	m/d	US \$	m/d	US \$	US \$	US \$	US \$	US \$
1997	2/0	26,400	0	50,000	9/0	28,350	0/0	0	0	0	0	104,750
1998	2/0	27,900	0	50,000	9/0	29,700	0/0	0	0	0	0	107,600

First Year Approved: 1997

OBJECTIVES: To develop facilities and techniques for accurate and rapid diagnosis of animal diseases, particularly foot-and-mouth disease (FMD); to conduct a national disease survey and effectively monitor disease control programmes, particularly FMD; and to assist in reactivation of the existing vaccination plant for effective control of FMD.

BACKGROUND: Animal diseases such as foot-and-mouth disease (FMD), brucellosis and trypanosomiasis are a major constraint to development of the agricultural sector since buffalo and cattle provide not only milk and meat but also draught power for most of the farmers as well as for timber production and rural transport. FMD outbreaks usually coincide with the work peak in farming seasons and therefore lead to huge economic losses. Brucellosis causes low reproductivity and poor milk and meat production. Monitoring and control of animal diseases, especially FMD, are therefore of very great importance. Under the project MYA/5/007, RIA and ELISA techniques were introduced in the Livestock Breeding & Veterinary Department of the Ministry of Livestock Breeding & Fisheries. These techniques were found to be much more effective for virus typing the diseases than conventional methods such as CFT. Outbreaks of FMD can be controlled by compulsory procedures for early identification, notification, isolation, restriction and quarantine of infected animals, but these must be accompanied by effective vaccination campaigns. The production of vaccine could be self-sustainable through the charges for vaccination. The Department's diagnostic capabilities need to be further strengthened during 1997-98. Renovation and reactivation of the existing vaccination facilities established with the assistance of FAO and a foreign donor are an integral part of the project.

NATIONAL COMMITMENT: Staff already trained in RIA and ELISA techniques; laboratories and a vaccination production facility with basic infrastructure; vehicles for sample collection; operating costs and continuing support.

AGENCY INPUT: Expert services, equipment and training.

PROJECT IMPACT: Improved control of animal diseases, especially FMD, will bring great benefits to farmers and to the economy. The LBVD will acquire the capability to monitor and control the diseases.