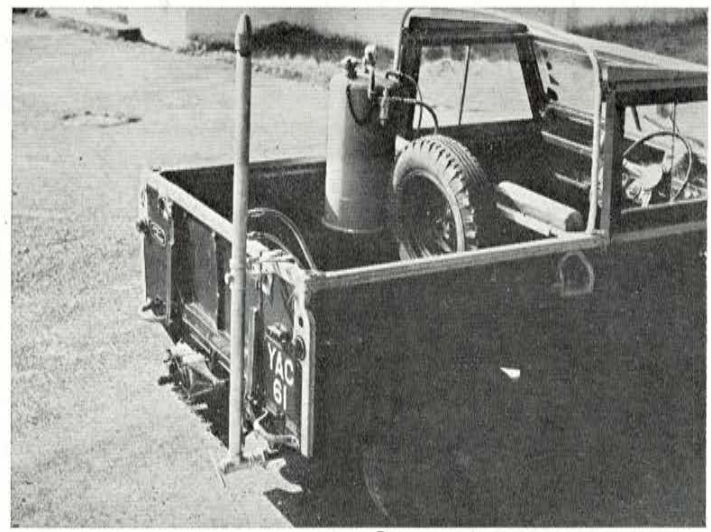
EXHAUST NOZZLE SPRAYER
for DESERT LOCUST CONTROL

As approved by the Rover Co. Ltd. for use with the—

LAND-ROVER

This the latest exhaust sprayer for ultra low volume application of persistent insecticides has been developed by Desert Locust Survey. It has been used to such good purpose by them that at the 8th Session of the F.A.O. Technical Advisory Committee on Desert Locust Control held in Rome on June 10th—June 15th 1958 a general recommendation was made for its use.



The sprayer here shown, made by Evers & Wall Ltd., conforms entirely to the latest Desert Locust Survey specification and has been tested and approved on behalf of that organisation by Mr. H. J. Sayer the designer of the equipment.

In addition the equipment made by Evers & Wall Ltd. is the only exhaust nozzle sprayer approved by the Rover Co. Ltd. for use on Land Rovers.

The Specification overleaf briefly describes this unique and specialised equipment.

The power from the exhaust pressurises the concentrated chemical in a tank and forces it to the nozzle. The special exhaust nozzle amplifies the velocity of the exhaust gasses and becomes therefore a highly efficient atomiser projecting fine particles of concentrated chemical into the air where drift technique takes over.

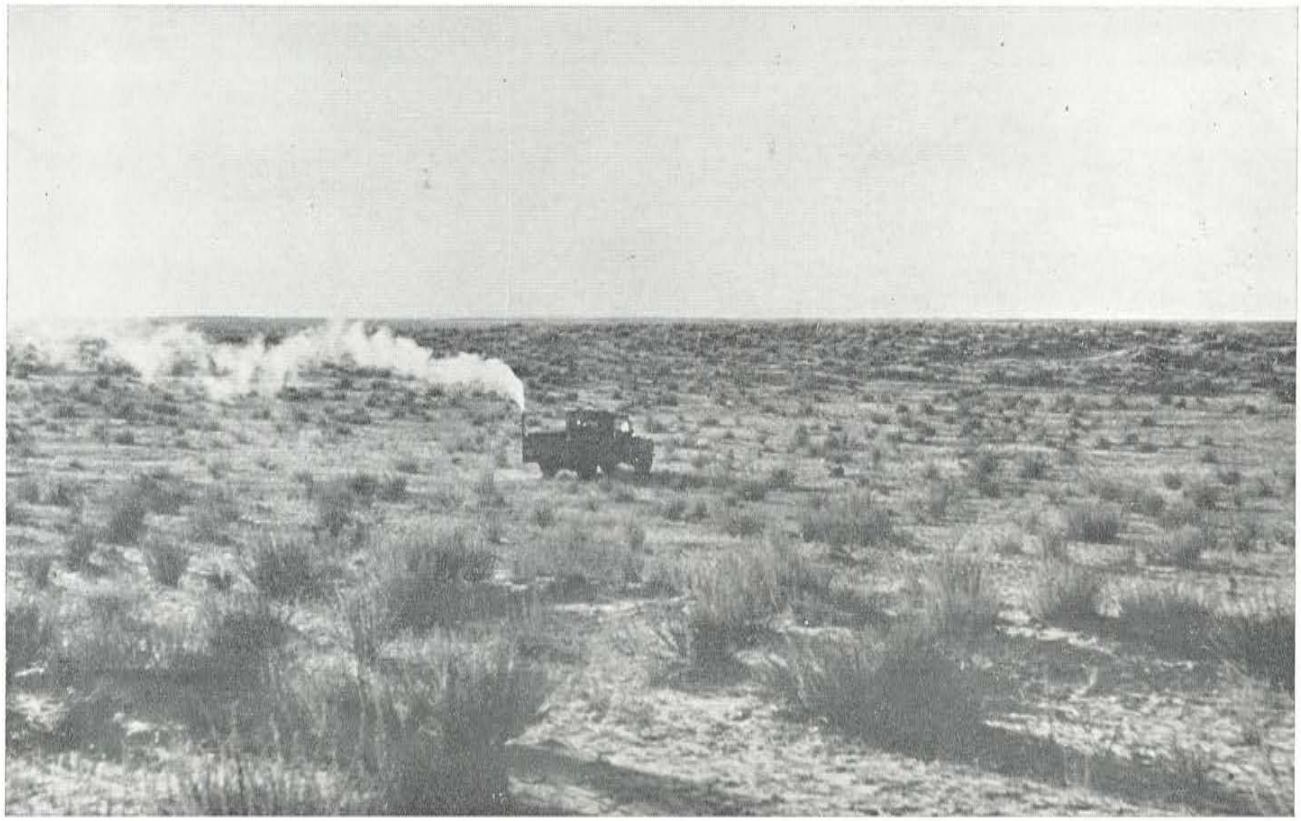
There are obviously other uses for this remarkable equipment in all parts of the world where such drift technique is required. To name only one, the control of mosquitoes in the swamp areas.

Manufactured by and obtained from

EVERS & WALL LTD.

LOWESDEN WORKS,
LAMBOURN,
Tel. Lambourn 188/189. BERKSHIRE, ENGLAND.

SPECIFICATION AND DETAILS



Exhaust sprayer in action against the Desert Locust, using Shell Dieldrin insecticide oil spray in Libya during 1957.

(Photograph reproduced by kind permission of the Shell Petroleum Co. Ltd.)

When used in the appropriate manner, namely drift spraying at a vehicle speed of 5 m.p.h. in a 5-10 m.p.h. (8-15 k.p.h.) wind the sprayer gives an average deposit of about ¼ pint to the acre (.35 litres to the hectare) for a swathe of 120 yards (110 metres.)

An involatile 20% dieldrin/oil solution applied in this manner to either typical sparse desert vegetation or to bush has been shown to be sufficient to control all instars and fledglings of the desert locust.

SHIPPING DETAILS.

Total packed weight per unit 122½ lbs. (55.75 Kg.)
Case measurement 3′ x 1′5″ x 1′10″

LAND ROVER EXTRA REQUIRED

NIL.