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TEMEPHOS (ABATE) AS A REPLACEMENT LARVICIDE FOR OIL FOR THE CONTROL
OF ANOPHELES MACULATUS, THE MAIN VECTOR OF
MALARIA IN PENINSULAR MALAYSIA

by

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CORRIGENDUM

1. Page 3, para 3.3.1, last line should read:
"..... 300 m which worked out to 16 gal/73 litres per acre
or 40 gal/182 litres per hectare."
2. Page 3, para 3.3.3, the last three lines should read:
"The average rate of application was about 1 kg of granules
per 300 m of stream which gave a dosage of about 0.3 ppm active
ingredient (approximately 0.072 kg a.i. per acre or 0.18 kg a.i.
per hectare.)"
3. Page 5, para 5.2.1, last line should read:
"If temephos proves effective at fortnightly applications,
then the cost of the larvicide would be halved."
4. Page 8, table 1, head line - Average no. of A. maculatus/ 50
days to be corrected to:
"Average no. of A. maculatus 50/dips."
5. Delete Table 2, page 9 and substitute new Table 2.



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TABLE 2. COST COMPARISON BETWEEN TEMEPHOS (50% EC AND 1% SAND GRANULES)
AND OIL AS OBTAINED FROM TRIALS CONDUCTED AT SG BERANANG
ESTATE, NEGRI SEMBILAN DURING 1974

Larvicide	Temephos 500E (50% EC)	Temephos 1% sand granules	Oil "Shell Malariol GD"
DILUTION	1:1000	Nil	Nil
Approximate length of trial stream	1000 m	1530 m	1200 m
Average amount of larvicide/300 m	10 litres (dilute)	1 kg	10 litres
Dosage per acre per hectare	0.036 kg a.i. 0.09 kg a.i.	0.072 kg a.i. 0.18 kg a.i.	16 gal/73 litres 40 gal/182 litres
Unit cost of larvicide US\$	56.00/US gal ¹	1.16/kg ¹	0.64/imp. gal ²
Cost of larvicide per acre US\$	\$ 1.12	\$ 8.35	\$ 10.24
Cost of larvicide per hectare US\$	\$ 2.80	\$ 20.88	\$ 25.60
Cost ratio	1	7.5	9.1

¹ As obtained from the suppliers on 1 May 1976.

² Government contract price in 1975 - Mal. \$ 1.55/imp. gal in bulk
Mal. \$ 1.66/imp. gal in 45 gal drums
Average Mal. \$ 1.60 = US\$ 0.64.