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## LARGE SCALE MALARIA CONTROL CAMPAIGNS USING RESIDUAL INSECTICIDES

by

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The attached table summarizes the most interesting comparable data contained in this study. It also gives figures relating to the malaria control operations which certain governments have undertaken with the assistance of WHO, whether jointly with UNICEF or not.

As the document shows, only those countries have been taken into consideration where malaria control using residual insecticides has taken place on a fairly large scale. In the countries or provinces indicated in the first part of the table, control has been or will be carried out in all parts of the territory in the near future. Thus already territories whose total population reaches about 350 million are numbered among those where malaria is being mastered; in a large part of these regions the disease has already ceased to be a public health problem. It can be seen that 47.5 million people have been directly protected during the last year for which figures are available. To this number must be added 1.5 million people protected with the co-operation of WHO and often of UNICEF. Consequently, there are almost 50 million inhabitants of different parts of the world, particularly in rural areas, who have been shielded against the scourge of malaria.

PAYS COUNTRY	Population	Population des zones paludéennes (a) of malarious areas	Population protégée directement Population directly protected
I			
Madagascar	4.300.000	-	1.000.000
Ile Maurice	440.000	324.000	324.181
Rhodésie du Sud	2.000.000	-	-
Transvaal	4.200.000	1.350.000	(1.000.000)
Argentine	13.000.000	1.500.000	(1.500.000)
Bolivio	3.800.000	1.900.000	(58.257)
Brésil	48.000.000	20.000.000 (b)	(20.000.000)
Etats-Unis	131.400.000	27.000.000	-
Guyane britannique	320.000	325.000	325.000
Mexique	23.500.000	-	375.000
Pérou	8.100.000	3.000.000	385.000
Venezuela	4.000.000	-	863.500
Ceylan	7.300.000	-	2.664.000
Bombay prov.	30.000.000	-	5.500.000
Delhi prov.	310.000	-	( 310.000)
Grèce	7.000.000	5.000.000	3.981.417
Italie	46.000.000	4.000.000	4.000.000
Portugal	8.500.000	-	34.000
Yougoslavie	15.800.000	5.200.000	5.200.000
	<u>357.770.000</u>		<u>47.520.355</u>
II			
		Opérations entreprises avec Projects being carried out with	
UNRWAPRNE	-	-	843.020
Pakistan	-	-	231.916
Afghanistan	-	-	45.000
Inde	-	-	402.519
Thaïlande	-	-	40.145
			<u>1.562.600</u>

Notes : Les chiffres entre parenthèses correspondent à des estimations faites par  
c) à titre expérimental on a aussi appliqué des doses inférieures de DDT.

Bracketed figures are estimates made by the author : a) before applying pro  
purposes lower doses have been sprayed in some areas, sprayings being or

Traitées : sprayed Membres, pièces Maisons Rooms Houses	Date	Traitements par an Spraying per year	DDT par unité de surface DDT per unit of surface	Isomère gamma par unité de surface Gamma isomer per unit of surface
574.000	165.000	Sep. 50	2	DDT, BHC, Chlordane (mixture) (mélange)
376.998	-	Fév. 49	2	100 x 200 mg. x sq.ft;
(72.834)	66.712	avr. 50	2	? 46 mg. x sq.ft.
-	350.000	1949	2 à 3	100 mg. x sq.ft.
-	-	Fin 50	2	g. 2.0 x m <sup>2</sup>
-	23.921	Fin 49	2	g.
-	(3.000.000)	Fin 50	2	g. 1.5 à 2.5 x m <sup>2</sup>
-	1.000.000	1949	1	200 mg. x sq.ft.
-	-	1948	1 à 2	160 mg. x sq.ft.
-	-	1948	1 à 2	g. 1.6 à 2.6 x m <sup>2</sup>
370.849	-	1949	1	g. 2.3 à 2.4 x m <sup>2</sup>
-	168.472	1948	2,2	g. 2.0 x m <sup>2</sup>
-	498.880	1949	7,1	50 mg. x sq.ft.
-	-	Fin 50	3	60 mg. x sq.ft.
-	-	1948		
-	689.124	1949	1	g. 1,80 x m <sup>2</sup>
2.850.000	-	1948	1	g. 1,50 x m <sup>2</sup> (Théor)
-	-	1949	1	g. 2.- x m <sup>2</sup> ou 120 mg. x m <sup>2</sup>
-	-	1949	1	g. 1.- x m <sup>2</sup>
assistance de l'OMS (et souvent du FISE) and often with UNICEF's assistance				
-	-	1949	1 à 2	g. 2.0 à 2.5 x m <sup>2</sup> -
159.342	27.728	1950	1 (c)	)
50.324	8.446	1950	1 (c)	(
(d)		1950	1 (c)	) g. 2.0 x m <sup>2</sup> (c) -
31.397		1950	1 (c)	(

ur: a) avant l'emploi des méthodes actuelles de lutte; b) d'après Williams, 1938;  
tant les applications ou dans des circonstances particulières; d) traitements en cours.  
methods of malaria control; b) according to Williams, 1938; c) for experimental  
ot repeated according to circumstances; d) spraying operations still on.