

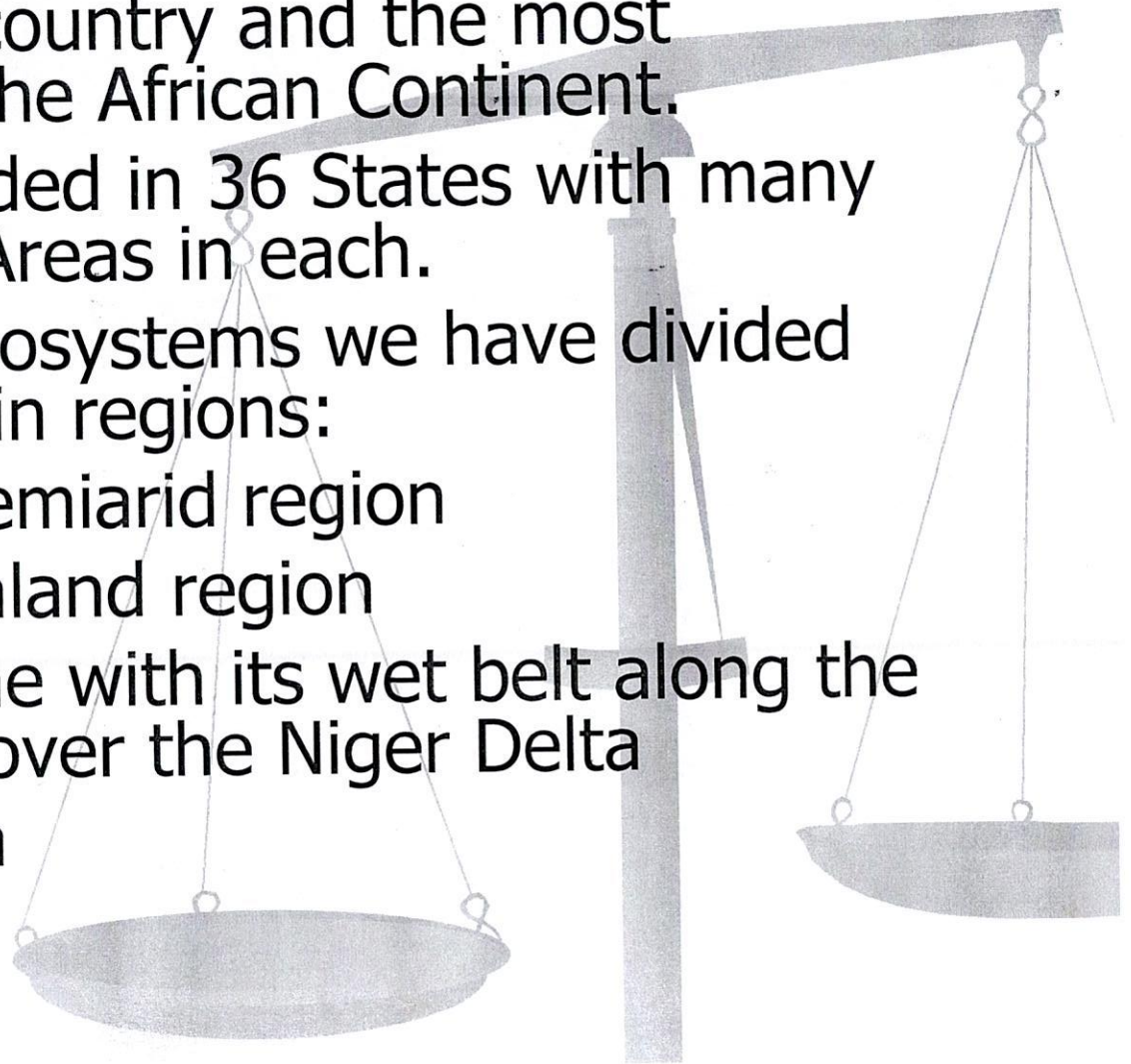
Estimates of the Cost of a Malaria Control Program in the Federal Republic of Nigeria

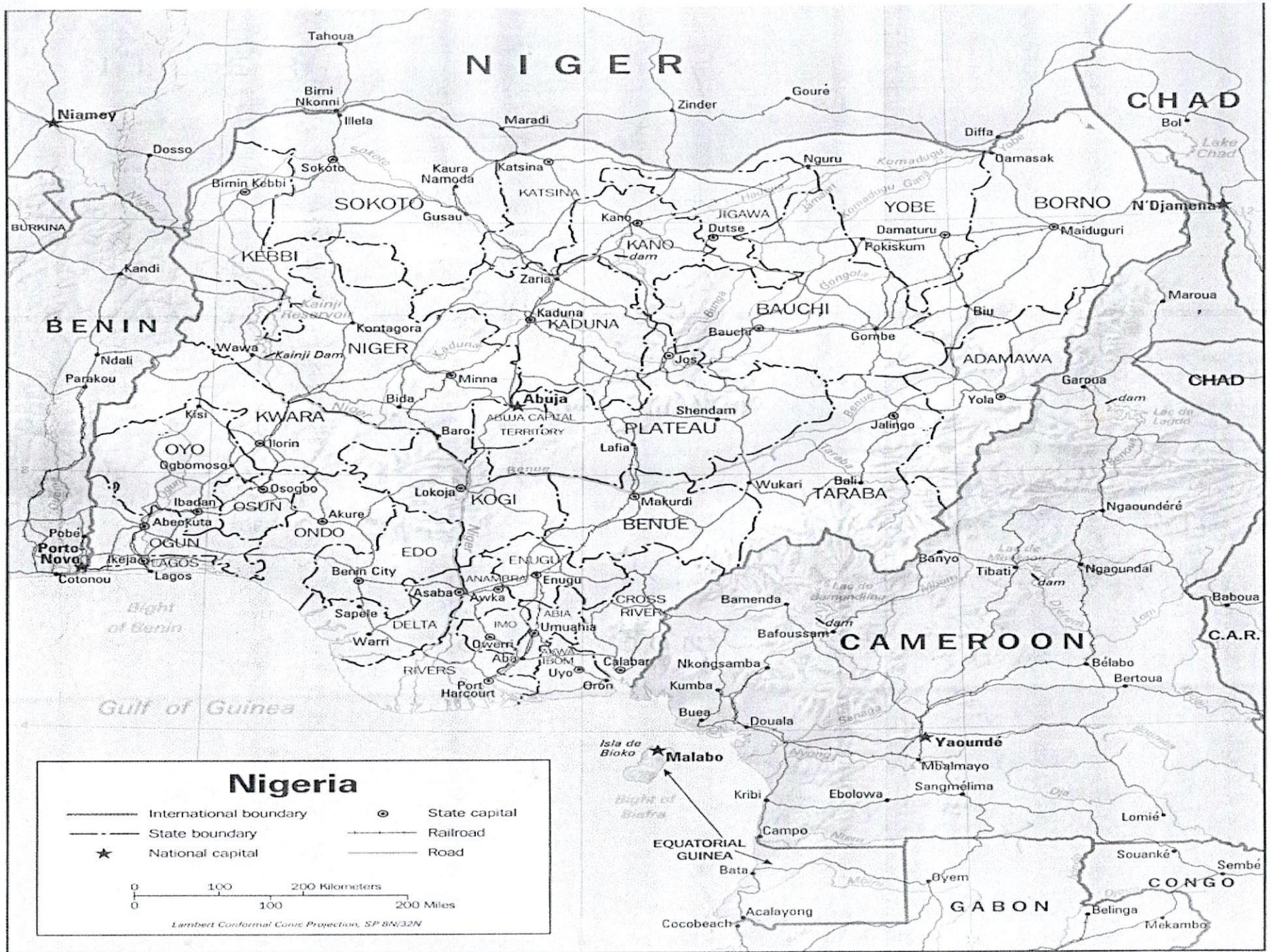
Labiofam, 2009



Main characteristics of Nigeria

- Nigeria is a huge country and the most populated one in the African Continent.
- It is politically divided in 36 States with many Local Government Areas in each.
- For its different ecosystems we have divided Nigeria in four main regions:
 - 1- The northern semiarid region
 - 2 The Central highland region
 - 3- The coastal zone with its wet belt along the bay of Benin and over the Niger Delta
 - 4- The Niger Delta





NIGER

CHAD

Niamey

Tahoua

Bimi Nkonni

Illela

Maradi

Zinder

Goure

Diffa

Damasak

Bol

Lake Chad

SOKOTO

KATSINA

YOBE

BORNO

N'Djamena

BURKINA

BENIN

KEBBI

KANO

JIGAWA

Damaturu

Maiduguri

Kandi

Kaura Namoda

Gusau

Kano

Nguru

Damasak

Bol

NIGER

KADUNA

KADUNA

BAUCHI

ADAMAWA

CHAD

Ndali

Wawa

Kontagora

Zaria

Bauchi

Gombe

Biu

Maroua

Parakou

Kwara

Minna

Abuja

PLATEAU

Jalingo

Gargaa

CHAD

Kisi

OSUN

Baro

ABUJA CAPITAL TERRITORY

Lafia

Shendam

Yola

CHAD

OYO

OSUN

ONDO

KOGI

BENUE

Wukari

Bali

CHAD

Ibadan

Osogbo

Akure

Lokoja

Makurdi

Bali

Taraba

CHAD

Porto Novo

OGUN

EDO

ENUGU

ENUGU

Banyo

Tibati

CHAD

Abeokuta

Benin City

Asaba

ANAMBRA

Enugu

Banyo

Tibati

CHAD

Porto Novo

LAGOS

DELTA

ABIA

ABIA

Bamenda

Bamenda

CHAD

Ikeja

Sapele

Warri

Imo

Umuahia

Bafoussam

Bafoussam

CHAD

Porto Novo

LAGOS

RIVERS

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ABIA

Nkongsamba

Nkongsamba

CHAD

Cotonou

Benin City

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ANAMBRA

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Porto Novo

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DELTA

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ABIA

Mbamayo

Mbamayo

CHAD

Cotonou

Benin City

Asaba

ANAMBRA

Enugu

Mbamayo

Mbamayo

CHAD

Porto Novo

LAGOS

DELTA

ABIA

ABIA

Sangmelima

Sangmelima

CHAD

Cotonou

Benin City

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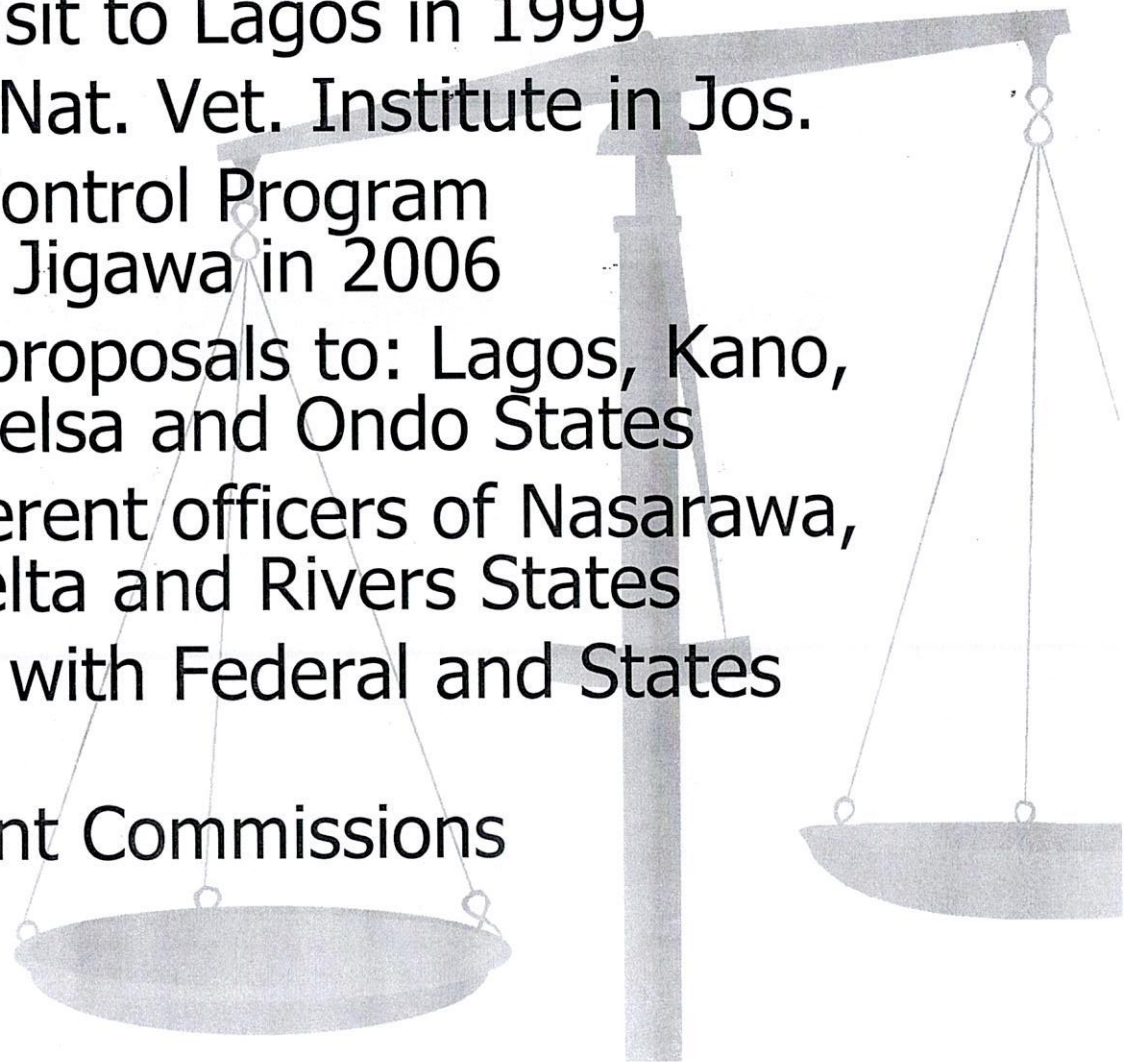
ABIA

- Population: Around 135 061 160 (2007)
- Territorial extension: 923 778 Km²
- Density: 148 inhab./Km²



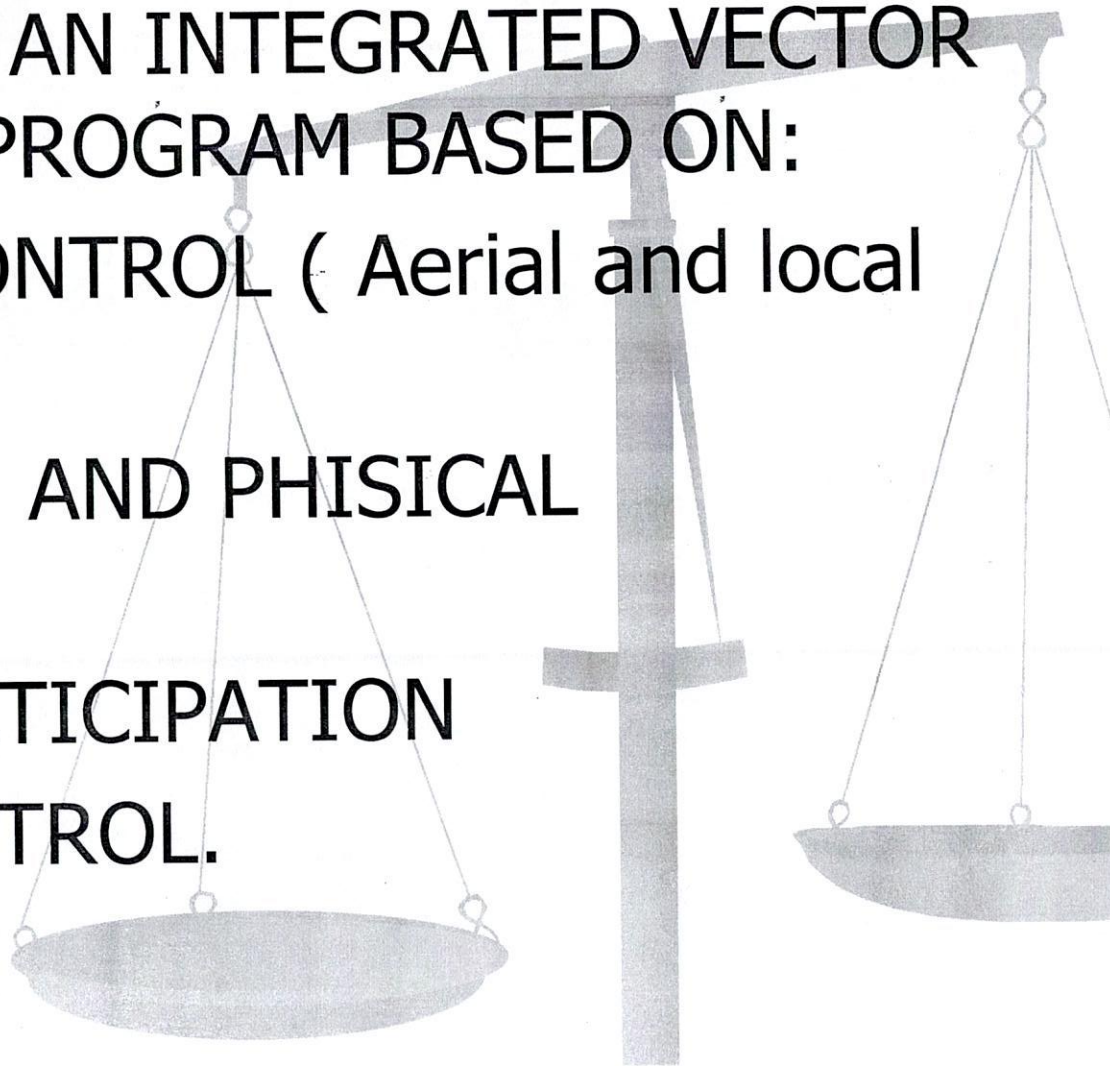
MAIN ACTIONS of LABIOFAM

- A first technical visit to Lagos in 1999
- Contacts with the Nat. Vet. Institute in Jos.
- A partial Malaria Control Program implementation in Jigawa in 2006
- Definite Program proposals to: Lagos, Kano, Ekiti, Kaduna, Bayelsa and Ondo States
- Contacts with different officers of Nasarawa, Kebbi, Plateau, Delta and Rivers States
- Different contacts with Federal and States officers
- Participation in joint Commissions



PROPOSAL OF LABIOFAM IN NIGERIA.

- TO ESTABLISH AN INTEGRATED VECTOR MANAGEMENT PROGRAM BASED ON:
- BIOLOGICAL CONTROL (Aerial and local treatment).
- ENVIRONMENT AND PHISICAL MANAGEMENT.
- COMUNITY PARTICIPATION
- ◆ CHEMICAL CONTROL.



ROUGH ESTIMATED BUDGET FOR A MALARIA CONT. PROG. FOR 1 YEARS

<u>No.</u>	<u>STATE</u>	<u>Quant. Tech.</u>	<u>Tech. Ass.</u>	<u>Biolarvic.</u>	<u>Loc. Pers.</u>	<u>Other res.</u>	<u>Cont.-10%</u>	<u>TOTAL</u>
NORTHERN REGION								
1	Kebbi	5	126 000,00	900 000,00	25 000,00	225 000,00	120 000,00	1 396 000,00
2	Sokoto	12	300 000,00	1 500 000,00	70 000,00	350 000,00	220 000,00	2 440 000,00
3	Katsina	5	126 000,00	870 000,00	25 000,00	225 000,00	120 000,00	1 336 000,00
4	Kano	8	214 000,00	1 100 000,00	35 000,00	300 000,00	180 000,00	1 829 000,00
5	Jigawa	7	180 000,00	900 000,00	27 000,00	200 000,00	130 000,00	1 437 000,00
6	Jobe	5	126 000,00	850 000,00	25 000,00	225 000,00	120 000,00	1 346 000,00
7	Borno	5	126 000,00	890 000,00	25 000,00	225 000,00	120 000,00	1 386 000,00
8	Zamfara	5	126 000,00	840 000,00	25 000,00	225 000,00	120 000,00	1 336 000,00
Sub Total		52	1.324 000,00	7. 850 000,00	257 000,00	1.975 000,00	1.130 000,00	12.506 000,00

ROUGH ESTIMATED BUDGET FOR A MALARIA CONT. PROG. FOR 1 YEARS

<u>No.</u>	<u>STATE</u>	<u>Quant. Tech.</u>	<u>Tech. Ass.</u>	<u>Biolarvic.</u>	<u>Loc. Pers.</u>	<u>Other res.</u>	<u>Cont.-10%</u>	<u>TOTAL</u>
CENTRAL REGION								
9	Niger	8	200 000.00	1 300 000.00	40 000.00	300 000.00	200 000.00	2 040 000.00
10	Kwara	7	194 400.00	890 000.00	30 000.00	258 400.00	150 000.00	1 522 800.00
11	Ekiti	2	50 000.00	396 000.00	20 000.00	120 000.00	50 000.00	636 000.00
12	Kaduna	7	194 400.00	920 000.00	30 000.00	258 400.00	150 000.00	1 552 800.00
13	F.C. T.	4	95 000.00	440 000.00	30 000.00	225 000.00	100 000.00	890 000.00
14	Nasarawa	7	194 400.00	950 000.00	30 000.00	258 400.00	150 000.00	1 582 800.00
15	Plateau	7	194 400.00	970 000.00	30 000.00	258 400.00	150 000.00	1 602 800.00
16	Bauchi	7	194 400.00	920 000.00	30 000.00	258 400.00	150 000.00	1 552 800.00
17	Adamawa	8	200 000.00	1 250 000.00	40 000.00	300 000.00	200 000.00	1 990 000.00
18	Taraba	8	200 000.00	1 300 000.00	40 000.00	300 000.00	200 000.00	2 040 000.00
19	Gombe	8	200 000.00	1 500 000.00	40 000.00	250 000.00	200 000.00	2 190 000.00
		73	1.917 000,00	10,836 000,00	360 000,00	2.5787 000,00	1.700 000,00	17.600 000,00

ROUGH ESTIMATED BUDGET FOR A MALARIA CONT. PROG. FOR 1 YEARS

<u>No.</u>	<u>STATE</u>	<u>Quant. Tech</u>	<u>Tech. Ass.</u>	<u>Biolarv.</u>	<u>Loc. Pers.</u>	<u>Othes Res.</u>	<u>Conting. 10%</u>	<u>TOTAL</u>
SOUTHERN REGION								
19	Oyo	6	150 000.00	1 500 000.00	50 000.00	300 000.00	150 000.00	2 150 000.00
20	Osun	6	150 000.00	1 600 000.00	40 000.00	250 000.00	130 000.00	2.130 000.00
21	Ogun	6	150 000.00	1 800 000.00	40 000.00	250 000.00	170 000.00	2.370 000.00
22	Lagos	8	200 000.00	1 700 000.00	60 000.00	900 000.00	300 000.00	3 200 000.00
23	Ondo	7	175 000.00	1 500 000.00	40 000.00	320 000.00	200 000.00	2 310 000.00
24	Edo	6	150 000.00	1 200 000.00	40 000.00	250 000.00	100 000.00	1.700 000.00
25	Kogi	6	150 000.00	1300 000.00	40 000.00	250 000.00	200 000.00	3.600 000.00
26	Benue	6	150 000.00	1500 000.00	40 000.00	250 000.00	120 000.00	2.020 000.00
27	Enugu	6	150 000.00	1400 000.00	40 000.00	250 000.00	180 000.00	1.980 000.00
28	Anambra	6	150 000.00	1 650 000.00	40 000.00	250 000.00	150 000.00	2.200 000.00
Sub-total		63	1.575 000,00	11. 740 000,00	430 000,00	3.270 000,00	1.700 000,00	23.660 000,00

ROUGH ESTIMATED BUDGET FOR A MALARIA CONT. PROG. FOR 1 YEARS

<u>No.</u>	<u>STATE</u>	<u>Quant.</u> <u>Tech</u>	<u>Tech. Ass.</u>	<u>Biolarv.</u>	<u>Loc. Pers.</u>	<u>Othes Res.</u>	<u>Conting.</u> <u>10%</u>	<u>TOTAL</u>
NIGER DELTA								
29	Rivers	4	100 000.00	3 000 000,00	50 000.00	900.000.00	220 000.00	4 270 000.00
30	C. Rivers	4	100 000.00	2.500 000,00	50 000.00	900.000.00	250 000.00	3 800 000.00
31	Akwa-Ibom	4	100 000.00	2.000 000,00	50 000.00	900.000.00	250 000.00	3.300 000.00
32	Imo	4	100 000.00	1.900 000,00	50 000.00	900.000.00	250 000.00	3.200 000,00
33	Abia	4	100 000.00	1 150 000.00	50 000.00	900.000.00	250 000.00	2 450 000.00
34	Delta	3	60 000.00	3.100 000,00	40 000.00	900 000.00	300 000.00	4.400 000,00
35	Bayelsa	3	60 000.00	2.200 000,00	40 000.00	900 000.00	290 000.00	3 490 000.00
Sub Total		26	620 000,00	10. 230 000,00	330 000,00	6.300 000,00	1.810 000,00	24. 910 000,00

TOTAL ROUGH ESTIMATES BY REGIONS (USD) FOR 1 YEAR:

- 1- Northern (8 States)- \$12. 506 000.00
- 2- Central (11 States)- \$17. 600 000.00
- 3-Southern (10 States)- \$23. 660 000.00
- 4 Niger Delta (7 States)- \$24. 910 000.00

Big Total- \$78 676 000.00 USD

