



Malaria Control Program, Benso Oil Palm Plantation(BOPP), PLC

Vector Control Working Groups

Kigali, Rwanda

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Benso Oil Palm Plantation(BOPP) PLC in brief



- 1976 JV between Ghana Government and Unilever (40:60).
- 6,799 hectare concession
- 1,650 ha smallholder scheme (providing inclusiveness and sustainable incomes for 438 people/families from the communities)
- 2004 listed on the GSE.
- 2011 Wilmar acquires Unilever's shares and assumes management control

Benso Oil Palm Plantation(BOPP) PLC in brief



- Population on the estate - 3,805 (Dec. 2022)
- Almost all employees live on the estate
- BOPP has a health facility on site manned by a qualified health team
- CSR is a constant item on the company's budget expenditure

Decision To Engage in Malaria Control



- Informed by management's desire to maintain a healthy workforce/dependants
- Malaria accounts for 30-45% of OPD cases at the company's clinic
- A leading cause of lost work days

Our Malaria Control Program



- Launched in 2017 with the aim of reducing the Malaria burden on the estate by 50% within 5 years
- Sensitization on Malaria, sanitation improvement, distribution of Insecticide Treated Nets, early testing, treatment and follow up of Malaria cases. Technical support by PSMP, AgaMal Ltd and IVCC
- IRS included in 2021 to strengthen the program

IRS Operations

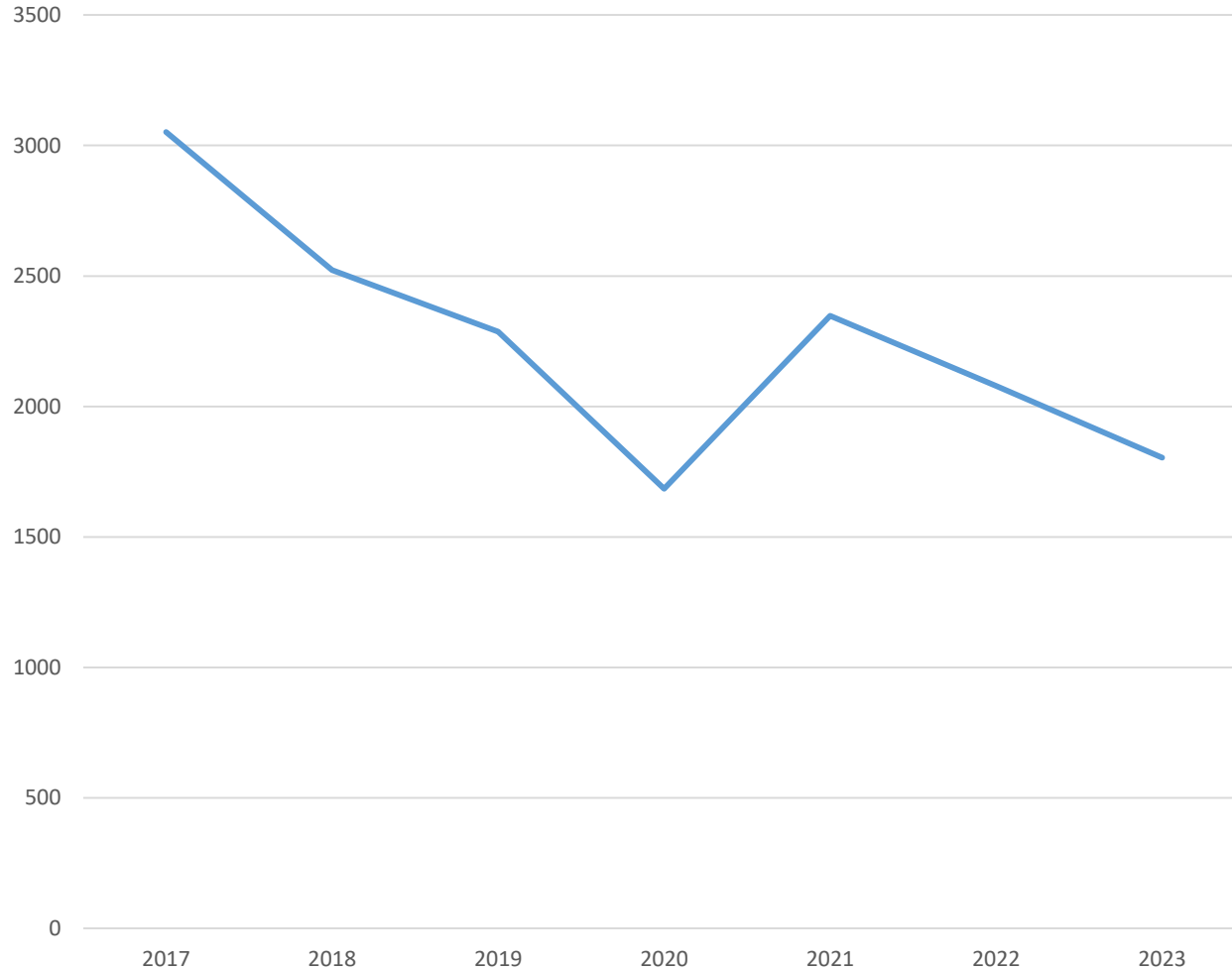


- Training of Spray Operators
- Orientation of beneficiaries
- Implementation of Indoor Residual Spraying(selection of insecticide based on NMEP's Insecticide Resistance Plan, Environmental/Safety Compliance)
- Spray Quality Test
- End of spraying and Demobilization
- Residual Efficacy Test (7 -8 months post IRS)
- Technical support by AgaMal Ltd and IVCC
- IRS carried out in 2021-2023

5 YEAR MALARIA TREND ANALYSIS, BOPP ESTATE



5 YEAR MALARIA TREND, BOPP ESTATE
(2017-2023)



MALARIA CASES 2017-2023							
YEAR	2017	2018	2019	2020	2021	2022	2023
TOTAL	3,052	2,522	2,287	1,684	2,348	2,078	1,804

- ↓13.2% of Malaria cases on the estate in 2023
- ↓ 20% in Malaria cases on the estate 3 years post IRS compared to 3 years prior IRS

Successes And Experiences



- Increased confidence in the workforce/dependants about management's commitment to promote and improve their health
- Increase in the level of awareness of the malaria burden amongst the workforce and dependants
- 3,805 people on the estate protected by IRS
- Added benefit of reduction in domestic insects

Successes And Experiences Cont'd



- 20 % reduction in OPD cases of Malaria amongst workers and dependants post IRS as compared to 3 years prior (reduced absenteeism, health protection and improved productivity)
- Built local capacity to carry out IRS (in a position to provide support to other entities who want to undertake IRS)
- Need for a multiprong approach in the fight against Malaria

IRS Team with Management



Workers' Residence - Mill Village





THANK YOU