

June 11, 2020

Kansai Paint Co., Ltd.

**The Mosquito-repellent paint “Kansai Anti-Mosquito Paint” was featured in SDGs-themed online English lecture and writing correction service for junior and senior high school students**

Kansai Paint Co., Ltd. (Head Office: Osaka, Japan, President Kunishi Mouri), has continued initiatives to spread mosquito-repellent paint “Kansai Anti-Mosquito Paints (AMP)” to African Regions, with the assistance of Japan International Cooperation Agency (JICA). Our AMP initiative was featured in "Smart Lecture Correction, Writing Method - Advanced-", online English lecture and writing correction services (Keirinkan). We would like to announce that starting in this semester, it has been used at educational sites throughout Japan.

AMP is a paint that focuses on the mosquito's habit of staying on the wall. When a mosquito touches the wall coated AMP; its nervous system is paralyzed, reducing the ability to bite or fly far and eventually it is knocked down. This feature is expected to contribute to the prevention of infectious diseases that spread especially through mosquitoes such as malaria.

Malaria is transmitted by mosquitoes and spreads, 216 million people cases annually worldwide, with approximately 440,000 deaths annually (2016). The worst affected areas are the sub-Saharan African nations, which have caused devastating damage to infants and pregnant women, especially under five years of age, and has become a serious international issue.

Keirinkan's service "Writing Method -Advanced-" has corresponded to The Sustainable Development Goals (SDGs). In one of the columns in the textbook feature our initiative to supplement the background knowledge of the goal, “Good Health and Well-being”. It is played up that we promoted the spread of AMP in The Republic of Zambia, where malaria has become a social issue and introduced our attitudes and efforts toward eliminating malaria.

The following comment is from Keirinkan, the publisher of the service.

"There are various mosquito-repellent measures, but we thought that the idea of mosquito-repellent paint would attract the interest of junior and senior high school students who will be responsible for the future, therefore we adopted it as the column article. Through this service, we would like to help students to look at issues in Japan and the world and broaden their horizons. "

Kansai Paint Group's Mission Statement is "leverage superior technology to contribute to our customers and society, in a sustainable manner, with innovative products and services, through a competent workforce, built on a culture of customer focus, integrity, and respect to our stakeholders." Through our business, we are aiming to be a company that will continuously contribute to society.

What was introduced in this service, was an example of the realization of our corporate philosophy, also it was a great encouragement for our Group. We will continue to strive to contribute to the development of people and society in order to fulfill each and every wish that everyone desires to live a peaceful, comfortable and convenient.

ENDS



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ライティングメソッド

**jica** 蚊が媒介する感染症を塗料の技術で防ぐ

大分大学の総合資料会社、関西ペイントは、感染症の発生にさらされている発展途上国の人口増加を懸念し、さらなる感染症の予防を目的としています。今回は東南アジアの学校に会社を多く持つことから、つい先日まで北米にいた現地関係者が感染症対策を重要とする理由の伝わりに苦労しました。そこで、蚊が媒介して伝染するマラリアやジカ熱、ジカ熱を媒介する蚊を駆除して「カンサイ・アンプモスエース・ペイント」(以下AMP)も開発しました。これは、塗料も無防犯な状態に塗料の添加剤です。

学校の廊下に設置するゼンビヤ用紙では、年間150万人(人口の約33%)がマラリアに、半分以上300人以上が感染しています。英検は、JICAと協力し、2019年からゼンビヤAMPの普及活動を開始し、この年の7月25日-26日、現地の関係者との現地視察・出張の業務を行いました。『これまでマラリアに2回感染したことがあるが、9ヶ月前に産を産後も感染しなかった』、『室内に20-30匹の蚊が、今は1-2匹に減った』と感想がもたらされました。

対の産後期で開発に携わる小野崎さんは「塗料には蚊の繁殖に使用する水分を減らす成分が含まれていますが、人間も虫も同じ呼吸器系を共有する。蚊が媒介する感染症を予防するだけでなく、人間の健康にも配慮する必要があります。また、その保護、室内の空気清浄機も必要なので、同時に実施も考えていたのだと思います」と述べています。現在も実証実験は続いています。サンビヤ産後期ではAMPを認証済に加え、2020年10月1日から販売も許可されるようになります。

蚊を媒介する感染症を塗料の技術で防ぐ | JICA 広報 | jica.go.jp

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