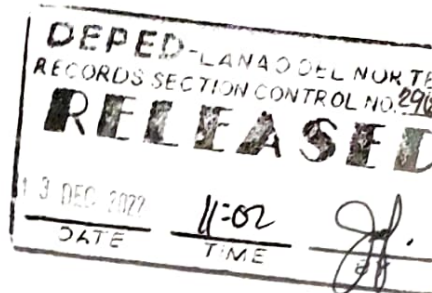




Republic of the Philippines  
Department of Education  
Region X - Northern Mindanao  
**DIVISION OF LANA DEL NORTE**  
Gov. A. Quirbranza Prov't. Gov't. Compound  
Pigcanejan, Tubod Lanao del Norte  
(09)227-6633, (09)341-5109  
lanadnorte@deped.gov.ph



December 12, 2022


**DIVISION MEMORANDUM**

No. 606, s. 2022

*DISSEMINATION OF REGIONAL MEMORANDUM NO. 741, s. re: UTILIZATION OF  
INSECTICIDE-TREATED SCREEN (ITS) BY THE SCHOOLS*

To: ASSISTANT SCHOOLS DIVISION SUPERINTENDENT  
SGOD CHIEF  
ALL SCHOOL HEADS  
SCHOOL HEALTH SECTION PERSONNEL  
ALL OTHERS CONCERNED  
*This Division*

1. This is to disseminate the attached **Regional Memorandum No. 741, S. Re: Utilization Of Insecticide-Treated Screen (Its) By The Schools.**
2. All concerned teaching and non-teaching personnel are hereby enjoined to take due notice of the instructions and information contained therein.
3. Attached are copies of the Regional Memorandum No. 741, s. 2022 and a letter from the Department of Health for reference.
4. Immediate dissemination and compliance of this Memorandum is desired.

  
**EDILBERTO L. OPLENARIA, CESO V**  
Schools Division Superintendent  
Department of Education-Lanao del Norte

ATCH: As stated  
To be indicated in the Perpetual Index  
Under the following subjects:

INSECTICIDE-TREATED SCREENS

SGOD PRAD



November 28, 2022

REGIONAL MEMORANDUM

No. 741, s. 2022

UTILIZATION OF INSECTICIDE-TREATED SCREENS (ITS)  
BY THE SCHOOLS

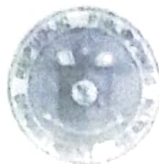
To: Schools Division Superintendents  
Assistant Schools Division Superintendents  
SGOD Chiefs  
School Heads  
School Health Services Personnel  
All Others Concerned

1. This issuance refers to the letter signed by Dr. Jose R. Llacuna Jr., Director IV of DOH10-CHDNM, dated November 15, 2022, which emphasizes the results of the tests on Insecticide Net made of Polyethylene initiated by the Philippine Textile Research Institute of the Department of Science and Technology.
2. The study proved that the Insecticide Treated Screens (ITS) do not impede airflow in relation to the installation and its use in the prevention and control of Aedes-borne viral diseases and will not contradict the Minimum Public Health Standards and other preventive measures against the spread of COVID-19.
3. Attached are copies of the endorsed communication from the DOH10-CHDNM and Physical Testing Laboratory reports for reference.
4. This Office directs the immediate and wide dissemination of this Memorandum.

*[Signature]*  
**DR. ARTURO B. BAYOCOT, CESO III**  
Regional Director

ESSD/ edselyn





Republic of the Philippines  
DEPARTMENT OF HEALTH  
CENTER FOR HEALTH DEVELOPMENT - NORTHERN MINDANAO  
J. V. Serilla Street, Carmen, Cagayan de Oro City  
PAG 2 5581123, 0885555 4950 727400 5587132 5582525 5585431 5580430  
Binner address 5587132  
Website: www.doh.gov.ph



November 15, 2022

DR. ARTURO B. BAYOCOT, CESO III  
Regional Director  
Department of Education Region X  
Zone 1, Upper Carmen, Cagayan de Oro City

100-1334  
11/15/22

Attention: DR. MYRA G. YEE  
Head, Health and Nutrition Unit (HNU)

Dear Dr. Bayocot:

Greetings of peace!!!

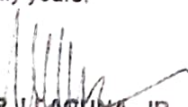
Endorsing to you the copy of the results of the tests conducted on the Insecticidal Net made of Polyethylene conducted by the Philippine Textile Research Institute of the Department of Science and Technology.

This is in response to the request from the representative of the Department of Education during the recently conducted Inter-Agency Task Force Meeting for a proof stating that Insecticide Treated Screens (ITS) do not impede airflow in relation to the installation and use of the ITS in the prevention and control of Aedes-borne viral diseases and would not contradict the minimum public health standards and other preventive measures against the spread of COVID-19.

We are hoping for a favorable response regarding this matter.

Thank you for your support.

Very truly yours,

  
JOSE R. LLACUNA, JR., MD, MPH, CESO III  
Director IV



Republic of the Philippines  
Department of Science and Technology  
PHILIPPINE TEXTILE RESEARCH INSTITUTE

Gen. Santos Ave., Alabang, Taguig City 1631 Philippines  
Tel. Nos. (832) 837-2071 to 8276; 2398; Telex No. (832) 82-1166  
FAX: www.ptri.dost.gov.ph

20 November 2017

**Mr. Mark Spencer C. Nieto**  
Irvine True and Frank Carson Philippines, Inc.  
Unit 415-416 Corporate 101 Bldg., 101 Mother Ignacia Av.  
Quezon City

Dear Mr. Nieto:

We are pleased to furnish you with the results of the tests conducted on the following sample(s):

Type of sample(s)	: Insecticidal Net made of Polyethylene
Date received	: 20 October 2017
Date finished	: 20 November 2017
Test Report Nos.	: 499P-17

This test result's Ref. No. is CN 17-0543P and is indicated in the attached Test Report.

For and in behalf of the Director:

**MAY S. UCO, MA Eco.**  
Chief, Technical Services Division





Republic of the Philippines  
Department of Science and Technology  
PHILIPPINE TEXTILE RESEARCH INSTITUTE

Gen. Santos Ave., Bicutan, Taguig City, 1831 Philippines  
Tel. Nos. (032) 837-2071 to 82 loc. 2369 Telefax No. (032) 837-1159  
<http://www.ptri.dost.gov.ph>

PHYSICAL TESTING LABORATORY  
TEST REPORT

Reference No. : CN 17-0543P  
Date Received : 20 October 2017  
Date Finished : 20 November 2017

Customer: Mr. Mark Spencer C. Nieto  
Irvine True and Frank Carson Philippines, Inc.  
Unit 415-416 Corporate 101 Bldg., 101 Mother Ignacia Ave.  
Quezon City

Subject: One (1) sample of insecticidal net made of polyethylene properly identified.

Sample No.

PTRI SN 0744P-17

Customer's Description

Long Lasting Insecticidal  
Net made of Polyethylene

Test Requested

Test Results

1. Air Permeability, cfm  
ASTM D 737-04 (2012)  
SDL Atlas M021A Air Permeability Tester  
Pressure: 125 Pa  
Test Area: 38 cm<sup>2</sup>  
10 specimens

air total) passed through to the specimen  
(more than 1,300 cfm max. capacity)

2. Breaking Strength, N  
ASTM D 5034-09 (Reapproved 2013)  
Grab Method  
Zwick/Roell Tensile Strength Tester Z005 (CRE)  
5 kN full scale load  
Number of specimens: 5 warp  
8 filling

before washing  
after 5 washing

Warp  
288  
321

Filling  
274  
365

3. Dimensional Change, percent  
AATCC TM 135-2015  
Washing Procedure: 2 (H)B, five cycles  
gentle cycle, cold  
Whirlpool Top-Loading Washer 4GWTW4800  
Line Dry  
Knit Shrinkage Gauge  
PERLA Detergent  
Two specimens

Length  
-7.8

Width  
-8.2



Republic of the Philippines  
Department of Science and Technology  
PHILIPPINE TEXTILE RESEARCH INSTITUTE

Gen. Santos Ave., Alabang, Taguig City 1631 Philippines  
Tel Nos. (832) 837-2071 to 82 loc. 2368 Telefax No. (832) 83 1158  
<http://www.ptri.dost.gov.ph>

# PHYSICAL TESTING LABORATORY

## TEST REPORT

### Test Requested

### Test Results

4. Flame Resistance  
ASTM D 6413-99: Vertical  
SDL-Atlas VFC M233M  
4 specimens  
After 5 washings

Afterflame, s		Afterglow, s		Char Length, mm	
Length	Width	Length	Width	Length	Width
0	0	0	0	167	154

5. Tensile Strength, N  
ASTM D 5035-11(2015)  
1C, 25 mm (1.0 in)  
Zwick Roell Tensile Strength Tester Z005 (CRE)  
5 kN full scale load  
Size of Jaw Faces: 50 mm x 110 mm  
Number of specimens: 5 warp  
8 filling

Warp  
244

Filling  
98.0

Prepared by:

ROME M. COMETA Jr., MTM  
Science Research Specialist II

Reviewed by:

ENGR. ROCELIA A. RAFOLS  
Technical Manager

Approved by:

MAY S. RICO, MA Eco.  
Chief, Technical Services Division

### Notes:

1. This Test Report is applicable only to the samples submitted.
2. This Test Report shall not be reproduced except in full without PTRI's permission.
3. Samples not destroyed during testing will be retained for six (6) months only.

Test Report No.: 490P-17  
Date: 20 November 2017  
Page 2 of 2