

## LIST OF INSECTICIDE TREATED NETS (ITN) THAT MEET GF QA REQUIREMENTS FOR USE AGAINST MALARIA VECTOR

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The list is a consolidated list of insecticide treated nets prequalified by WHO Prequalification Program. It is developed as a tool to assist Principal Recipients (PR) of Global Fund grants in procurement.

## Important Note

This List may be used by Principal Recipients (PRs) of Global Fund grants when considering options with respect to procurement of Insecticide Treated Nets (ITN). The list aims at providing PRs with information that will assist them in their procurement options. Please note that the list is not designed to be a basis for countries to select ITN to replace any applicable and legally required procurement processes. The Global Fund requires its grant recipients to comply with applicable procurement laws and provides the list only for the **identification of products/suppliers that comply with the Global Fund's requirements**. It is important that the product selected is compliant with the GF requirement criteria (refer to **Guide to Global Fund Quality Assurance Policy for Vector Control Products and Related Equipments**: <a href="https://www.theglobalfund.org/media/13767/psm\_ga-vector-control-products-equipment\_policy\_en.pdf">https://www.theglobalfund.org/media/13767/psm\_ga-vector-control-products-equipment\_policy\_en.pdf</a>). Furthermore, the Principal Recipient should not rely solely on the information provided in the list but should obtain evidence of products compliance with the GF requirements. For the above reasons, we strongly encourage users to ensure they are using the most recent version on our website when conducting procurement.

| Name of Active                           | Formulations                                    | Manufacturer              | Commercial Name  | Manufacturing site   | Eligibility Criteria       | Specifications                                 |
|--|---|---------------------------|------------------|--|----------------------------|--|
| Alpha-<br>Cypermethrin                   | Polyethylene<br>incorporating into<br>filaments | A to Z Textiles Mills Ltd | MiraNet LLIN     | A to Z Textile Mills Ltd, Plot No 698, P.O Box 945, Off Dodoma Road, Net World Area,<br>Kisongo Arusha (Tanzania)  | WHO PQT/VC Ref.<br>009-001 | WHO specification 454/LN/3<br>(August 2015)    |
| Alpha-<br>Cypermethrin                   | Polyester coated onto filaments                 | BASF SE                   | Interceptor      | Shanghai Gongtai Textile Co. Ltd; 10 Xingxi road, Taicang City 215400, Jiangsu<br>Province, China<br>Shanghai Gongtai Textile Co. Ltd; 388 West Tong Gang Road, Taicang City 215499,<br>Jiangsu Province, China<br>Sunshine World Net 2003 Co. Ltd. 91Moo 9 Donsai Photharam Ratchaburi 70120,<br>Thailand<br>Decotex, Lot II-2A, Road 13, Tan Binh Industrial Park Tan Phu District, Ho Chi Minh City,<br>Vietnam   | WHO PQT/VC Ref.<br>002-001 | WHO specification 454/LN/1<br>(August 2015)    |
| Alpha-<br>Cypermethrin +<br>Chlorfenapyr | Polyester coated onto filaments                 | BASF SE                   | Interceptor G2   | Shanghai Gongtai Textile Co. Ltd; 10 Xingxi road, Taicang City 215400, Jiangsu<br>Province, China<br>Shanghai Gongtai Textile Co. Ltd; 388 West Tong Gang Road, Taicang City 215499,<br>Jiangsu Province, China<br>Sunshine World Net 2003 Co. Ltd, 91 Moo 9 Donsai, Photharam, Ratchaburi 70120,<br>Thailand<br>Decotex, Lot II-2A, Road 13, Tan Binh Industrial Park Tan Phu District, Ho Chi Minh City,<br>Vietnam District Ho Chi Minh City, Vietnam<br>Shobikaa Impex Pvt Ltd, Survey No 419,421 & 423, Near Athur SIDCO Industrial Estate,<br>Vennaimalai-Post, Manmangalam Taluk<br>, Karur - 639006, Tamil Nadu, India | WHO PQT/VC Ref.<br>002-002 | WHO specification 454+570/LN<br>(July 2019)    |
| Alpha-<br>Cypermethrin                   | Polyethylene<br>incorporating into<br>filaments | Mainpol GmbH              | Royal Sentry 2.0 | Dean Superior Textile, Company Limited Baota Industrial Park, West Zone, Dean<br>County, Jiujiang City, Jiangxi Province 330400 (China)  | WHO PQT/VC Ref.<br>P-00210 | WHO specification 454/LN/4<br>(September 2020) |

| Alpha-Cypermethrin<br>+ Piperonyl<br>Butoxide (Synergist) | Polyethylene<br>incorporating into<br>filaments   | Mainpol GmbH                                |              | Dean Superior Textile, Company Limited Baota Industrial Park, West Zone, Dean<br>County, Jiujiang City, Jiangxi Province 330400 (China)  | WHO PQT/VC Ref.<br>P-09284 | WHO specification<br>454/LN/M/3.2 (2009) +<br>33/LN/M/3 (2012)   |
|---|---|---|--------------|--|----------------------------|--|
| Alpha-<br>Cypermethrin +<br>Pyriproxyfen                  | Polyethylene<br>incorporating into<br>filaments   | Mainpol GmbH                                |              | Dean Superior Textile, Company Limited, Baota Industrial Park, West Zone, Dean<br>County, Jiujiang City, Jiangxi Province (China)  | WHO PQT/VC Ref.<br>P-00211 | WHO specification 454+715/LN<br>(November 2018)  |
| Alpha-<br>Cypermethrin                                    | Polyester coated onto filaments                   | Mainpol GmbH                                | SafeNet      | China Jiujiang Health Tex Industries Company Limited, Baota Industrial Park West Zone,<br>Dean County, Jiujiang City, Jiangxi Province (China),330 400<br>Yuanshi County Yiteng Needle Textile Co.Ltd<br>No. 10 Yuanzhao Road, Yuanshi County, Shijiazhuang City, China 51130  |                            | WHO specification 454/LN/1<br>(August 2015)  |
| Deltamethrin  | Polyester Coated onto filaments                   | Fujian Yamei Industry &<br>Trade Co         |              | Fujian Yamei Industry & Trade Co., Ltd, No. 31, Longyan East Third Road, Xinlu Village, Yanshi Town, Xinluo District, Longyan City, Fujian Province, China.  | WHO PQT/VC Ref.<br>015-001 | WHO specification 333/LN/5<br>(January 2019)   |
| Alpha-cypermethrin,<br>Piperonyl Butoxide<br>(PBO),       | Polyethylene<br>incorporating into<br>filaments   | Fujian Yamei Industry &<br>Trade Co         | Yahe 4.0     | Yahe Industry & Trade Co., Ltd, No. 31, Longyan East Third Road, Xinlu Village, Yanshi<br>Town, Xinluo District, Longyan City, Fujian Province, China.<br>Fujian Defu New Materials Technology co.Ltd, 18 Lianguan Avenue, Lianfeng Town,<br>Liancheng County, Fujian Province, China                                    | WHO PQT/VC Ref.<br>P-04983 | WHO specifications<br>CIPAC 454/LN/M/3.2<br>+<br>CIPAC (N) 33/LN/(M)/3                                 |
| Deltamethrin  | Polyethylene<br>incorporating into<br>filaments   | Life Ideas Biological<br>Technology Co. Ltd |              | Dean Superior Textile Company Limited, Baota Industrial Park West Zone,, Dean<br>County Jiangxi Province (China)   | WHO PQT/VC Ref.<br>026-001 | WHO specification 333/LN/3<br>(September 2015)   |
| Deltamethrin +<br>Piperonyl Butoxide<br>(Synergist)       | Polyethylene<br>incorporating into<br>filaments   | PPP Hollandi DMCC                           | Tsara Boost  | Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan.   | WHO PQT/VC Ref.<br>P-00223 | WHO specification<br>333+33/LN/2 (NETTING)<br>(January 2019)   |
| Deltamethrin +<br>Piperonyl Butoxide<br>(Synergist)       | Polyethylene<br>incorporating into<br>filaments   | PPP Hollandi DMCC                           | Tsara Plus   | Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan.   | WHO PQT/VC Ref.<br>P-00226 | WHO specification<br>333+33/LN/2 (NETTING)<br>(January 2019) and<br>333+33/LN/2 (NET) (January<br>2019 |
| Deltamethrin  | Polyester coated<br>into filaments (or<br>fabric) | PPP Hollandi DMCC                           | Isara Soft   | Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan.   | WHO PQT/VC Ref.<br>P-00225 | WHO specification 333/LN/2<br>(January 2019)   |
| Alpha-Cypermethrin<br>+ Piperonyl Butoxide<br>(Synergist) | Polyethylene<br>incorporating into<br>filaments   | Shobikaa Impex Private<br>Limited           | DuraNet Plus | Shobikaa Impex Private Limited, Plot No. 29,32 to 37, Survey Number 558 & 559,<br>Athur SIDCO Industrial Estate, Vennaimalai post, 639006, Karur district, Tamilnadu<br>(India)<br>Shobikaa Impex Private Limited, SF No.37/A2-<br>Coimbatore Road, Pavithram Village, Thanner Pandal,<br>Karur 639 002 Tamilandu India. | WHO PQT/VC Ref.<br>006-003 | WHO specification<br>454+33/LN/M/3   |
| Alpha-<br>Cypermethrin                                    | Polyethylene<br>incorporating into<br>filaments   | Shobikaa Impex Private<br>Limited           | Duranet      | Shobikaa Impex Private Limited, Plot No. 29,32 to 37, Survey Number 558 & 559, Athur<br>SIDCO Industrial Estate, Vennaimalai post, 639006, Karur district, Tamilnadu (India)<br>Shobikaa Impex Private Limited, SF No.37/A2-<br>Coimbatore Road, Pavithram Village, Thanner Pandal,<br>Karur 639 002 Tamilandu India.    | WHO PQT/VC Ref.<br>006-001 | WHO specification 454/LN/2<br>(September 2019)   |
| Deltamethrin  | Recycled polyester<br>coated into<br>filaments    | Shobikaa Impex Private<br>Limited           | GreenNet     | Shobikaa Impex Private Limited, SF No. 419-430, Near Athur SIDCO Industrial Estate,<br>Vennaimalai (PO), Karur - 639 006, Tamil Nadu, India  | WHO PQT/VC Ref<br>P-00320  | WHO Specification 333/LN<br>(M)3   |

| Permethrin  | Polyethylene<br>incorporating into<br>filaments | Sumitomo Chemical Co Ltd                            | Olyset Net    | Minh Hung Tien Giang Co., Ltd, Kinh 2A Hamlet Phuoc Lap Commune Tan Phuoc<br>District Tien Giang Province (Vietnam)<br>Vector Health International Limited, Net World Area Kisongo Arusha (Tanzania)   | WHO PQT/VC Ref.<br>001-004 | WHO specification 331/LN<br>(April 2014)       |
|---|---|---|---------------|--|----------------------------|--|
| Permethrin +<br>Piperonyl Butoxide<br>(Synergist) | Polyethylene<br>incorporating into<br>filaments | Sumitomo Chemical Co Ltd                            | Olyset Plus   | Minh Hung Tien Giang Co., Ltd, Kinh 2A Hamlet Phuoc Lap Commune Tan Phuoc<br>District Tien Giang Province (Vietnam)<br>Vector Health International Limited, Net World Area Kisongo Arusha (Tanzania)   | WHO PQT/VC Ref.<br>001-005 | WHO specification 331+33/LN<br>(May 2013)      |
| Deltamethrin                                      | Polyester Coated<br>onto filaments              | Tianjin Yorkool<br>International Trading Co.<br>Ltd | Yorkool G1 LN | Yorkool Chemicals (Cangzhou) Co. Ltd, West of Jing 4 <sup>th</sup> Road, South of Chemical<br>Avenue, Coastal Port Economic and Technological Development Zone, Cangzhou,<br>Hebei, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd, Lixian Sub- factory, Sangyuan Industrial Zone,<br>Baoding City, Lixian County, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd., Bazhou Sub-factory, Kuoda Village, Nanmeng<br>Township, Bazhou City, Langfang City, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd., Gaotang Sub-Factory, No. 558 Shifeng West<br>Road, Economic Development Zone, Liaocheng City, Shandong Province, China<br>Sino Africa Medical Devices Co. Ltd<br>Plot 27-31, Second Ring Road, Luzira Industrial Park<br>P.O Box 7321, Kampala, Uganda   | WHO PQT/VC Ref.<br>P-11664 | WHO specification 333/LN/1<br>(September 2020) |
| Alpha-<br>Cypermethrin +<br>Chlorfenapyr          | Polyester Coated<br>onto filaments              | Tianjin Yorkool<br>International Trading Co.<br>Ltd | Yorkool G5 LN | Yorkool Chemicals (Cangzhou) Co. Ltd, West of Jing 4 <sup>th</sup> Road, South of Chemical<br>Avenue, Coastal Port Economic and Technological Development Zone, Cangzhou,<br>Hebei, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd, Lixian Sub- factory, Sangyuan Industrial Zone,<br>Baoding City, Lixian County, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd., Bazhou Sub-factory, Kuoda Village, Nanmeng<br>Township, Bazhou City, Langfang City, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd., Gaotang Sub-Factory, No. 558 Shifeng West<br>Road, Economic Development Zone, Liaocheng City, Shandong Province, China<br>Tianjin Binhai New Area Shimeng Textile Co., Ltd, 200 Meters South of The West Gate<br>of Xiangyangli Community, Xuzhuangzi, Xiaowangzhuang Town, Binhai New Area,<br>Tianjin, China | WHO PQT/VC Ref.<br>P-12507 | WHO specification 454+570/LN<br>(July 2019)    |

| Deltamethrin +<br>Piperonyl Butoxide<br>(Synergist) | Polyethylene<br>incorporating into<br>filaments | Tianjin Yorkool<br>International Trading Co.<br>Ltd | Yorkool G3 LN | Yorkool Chemicals (Cangzhou) Co. Ltd, West of Jing 4 <sup>th</sup> Road, South of Chemical<br>Avenue, Coastal Port Economic and Technological Development Zone, Cangzhou,<br>Hebei, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd, Lixian Sub- factory, Sangyuan Industrial Zone,<br>Baoding City, Lixian County, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co. Ltd., Bazhou Sub-factory, Kuoda Village, Nanmeng<br>Township, Bazhou City, Langfang City, Hebei Province, China<br>Yorkool Chemicals (Cangzhou) Co Ltd., Gaotang Sub-Factory, No. 558 Shifeng West<br>Road, Economic Development Zone, Liaocheng City, Shandong Province, China<br>Sino Africa Medical Devices Co. Ltd   | WHO PQT/VC Ref.<br>021-003 | WHO specification<br>333+33/LN/2 (NETTING)<br>(January 2019) |
|---|---|---|---------------|--|----------------------------|--|
| Deltamethrin  | Polyester Coated<br>onto filaments              | Vestergaard   | PermaNet 2.0  | <ul> <li>Plot 27-31, Second Ring Road, Luzira Industrial Park. P.O Box 7321, Kampala, Uganda</li> <li>A) 10-10 Textile Joint Stock Company multiple sites-Vietnam <ol> <li>Minh Khai Factory-9/ 253 Minh Khai Street Hai Ba Trung, Hanoi Vietnam</li> <li>Co Bi Factory-Vang village, Co Bi commune, Hanoi, Vietnam</li> <li>Phuc Yen Factory- 198 Tran Phuc St., Phuc Thang Ward, Vinh Phuc Province</li> <li>Hoang Linh Factory-Phu Doi Hamlet, Dai Thang Commune, Hanoi</li> <li>Hoang Tung Anh Factory-Kim Xuyen Residential Group, Phuc Yen City, Vinh Phuc Province</li> <li>Hung Luc Factory-Hoang Nong Pine, Lo Giang Village, Dong Hung District, Thai Binh Province</li> <li>Minh Hang Factory-Dong Tien Village, Phuong Duc Commune, Phu Xuyen District, Hanoi</li> <li>Phu Lan Factory-Van Hoi Village, Dai Thang Commune, Phu Xuyen District, Hanoi</li> <li>Phu Cyen Factory No 1 Business Location-Trai Dat Village, Dao Duc Commune, Binh Xuyen District, Vinh Phuc Province</li> <li>Phuc Yen Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province</li> <li>Phuong Nhi Factory -Hanoi-Hamlet 2, Van Phuc Commune, Thanh Tri District, Hanoi</li> <li>Phuong Nhi Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Quang Hung Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Vinh Cuu Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Hung Yen Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province</li> <li>Hun Nghi Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province</li> <li>Long Ha Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province</li> <li>Winmos Company Ltd, Nhon Hoa 1 Hamlet, Due Hoa Thuong Commune, Mung Yen Province</li> </ol></li></ul> | WHO PQT/VC Ref.<br>005-001 | WHO specification 333/LN/1<br>(September 2020))              |

| Deltamethrin +<br>Chlorfenapyr | Polyester coated<br>onto filaments              | Vestergaard           | PermaNet Dual | <ul> <li>A) 10-10 Textile Joint Stock Company Sites -Vietnam <ol> <li>Minh Khai Factory-9/ 253 Minh Khai Street Hai Ba Trung, Hanoi Vietnam</li> <li>Co Bi Factory-Vang village, Co Bi commune, Hanoi, Vietnam</li> <li>Phuc Yen Factory- 198 Tran Phuc St., Phuc Thang Ward, Vinh Phuc Province</li> <li>Hoang Linh Factory-Phu Doi Hamlet, Dai Thang Commune, Hanoi</li> <li>Hoang Tung Anh Factory-Kim Xuyen Residential Group, Phuc Yen City, Vinh Phuc Province</li> <li>Hung Luc Factory-Hoang Nong Pine, Lo Giang Village, Dong Hung District, Thai Binh Province</li> <li>Minh Hang Factory-Dong Tien Village, Phuong Duc Commune, Phu Xuyen District, Hanoi</li> <li>Phu Lan Factory-Van Hoi Village, Dai Thang Commune, Phu Xuyen District, Hanoi</li> <li>Phu C Yen Factory No 1 Business Location-Trai Dat Village, Dao Duc Commune, Binh Xuyen District, Vinh Phuc Province</li> <li>Phuc Yen Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province</li> <li>Phuong Nhi Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province</li> <li>Phuong Nhi Factory Nguyen- Thai-Tan Thanh Village, Kha Son Commune, Phu Binh District, Thai Nguyen Province</li> <li>Quang Hung Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Tu Mai Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Yinh Cur Factory-Dai Wao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province</li> <li>Hung Yen Factory-Muyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province</li> <li>Hung Yen Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province</li> <li>Long Ha Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province</li> <li>Long Ha Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province</li> <li>Trading Phu Lan Factory-Phong Coc Residential Group</li></ol></li></ul> | WHO PQT/VC Ref.<br>P-03228 | WHO specification<br>333+570/LN/(M)3           |
|--------------------------------|---|-----------------------|---------------|--|----------------------------|--|
| Alpha-<br>Cypermethrin         | Polyethylene<br>incorporating into<br>filaments | VKA Polymers Pvt. Ltd | MAGNet        | 9114<br>1/79, Madurai bypass road (NH 7), Sadiya Gounden Pudhur Kakavadi Post, Karur<br>District Tamilnadu, India - 639 003<br>9/939 Cheeran Nagar, China Andankoil Road, Karur 639002, Tamil Nadu, India<br>38, Local Road 830D, Hamlet 5, Ben Luc District, Long a Province, Vietnam.  | WHO PQT/VC Ref<br>014-001  | WHO specification 454/LN/2<br>(September 2019) |

| Alpha-Cypermethrin<br>+ Piperonyl Butoxide<br>(Synergist) |   | V.K.A Polymers Pvt. Ltd  | Veeralin LLIN | 169/1, 170/1 Balarajapuram Village Veerarakkiyam, Karur District Tamil Nadu, India 63<br>9114<br>1/79, Madurai bypass road (NH 7), Sadiya Gounden Pudhur Kakavadi Post, Karur<br>District Tamilnadu, India - 639 003<br>9/939 Cheeran Nagar, China Andankoil Road, Karur 639002, Tamil Nadu, India<br>38, Local Road 830D, Hamlet 5, Ben Luc District, Long a Province, Vietnam. | WHO PQT/VC Ref.<br>014-00  | WHO specification 454+33/LN<br>(March 2016) |
|---|---|--------------------------|---------------|--|----------------------------|---|
| Bifenthrin +<br>Chlorfenapyr                              | Polyethylene<br>incorporating into<br>filaments | V.K.A. Polymers Pvt. Ltd | PRONet Duo    | 169/1, 170/1 and 192/3 Balarajapuram Village, Veerarakkiyam, Karur District, Tamil<br>Nadu, India – 639114<br>1/79 - Madurai By-pass Road (NH-7), Sadiaya Gounden Pudhur, Kakavadi (Po),<br>Kakavadi Village, Karur District, Tamil Nadu, India 639003.<br>9/939 Cheeran Nagar, China Andankoil Road, Karur 639002, Tamil Nadu, India.   | WHO PQT/VC Ref.<br>P-12406 | WHO specification 415+570/LN                |

NOTE:

- In order to get better knowledge on the ITN behavior on flammability, the QA team is currently implementing a randomized surveillance program in testing flammability as per EN 1102 Standards for the ITNs which have not such test in their approved specifications. It is admitted that non-compliance cannot be stated on the basis on the above collected information. However, suppliers maybe asked to consider these results for further improvement of the design of their ITNs.
- 2. YELLOW signifies a new product entry; PINK signifies modification of an existing entry/additional sites.