

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 as well as WHOPES converted. 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 Policies on Procurement and Supply Management of Health**

Products:https://www.theglobalfund.org/media/5873/psm_procurementsupplymanagement_guidelines_en.pdf). 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-Cypermethrin	Polyethylene incorporating into filaments	A to Z Textiles Mills Ltd	MiraNet LLIN	A to Z Textile Mills Limited, Plot No 698, P.O Box 945 , Off Dodoma Road, Net World Area, Kisongo Arusha (Tanzania)	WHOPES Recommendation - PQ Converted. WHO PQ ref. 009-001	WHO specification 454/LN/3 (August 2015)
Alpha-Cypermethrin	Polyester coated onto filaments	BASF SE	Interceptor	Shanghai Gongtai Textile Co. Ltd; No.2, Fada Road Taicang City Jiangsu Province (China) Sunshine World Net 2003 Co. Ltd. 91Moo 9 Donsai Photharam Ratchaburi 70120 , Thailand Decotex, Lot II-2A, Road 13, Tan Binh Industrial Park Tan Phu District, Ho Chi Minh City, Vietnam	WHOPES Recommendation - PQ Converted WHO PQ ref. 002-001	WHO specification 454/LN/1 (August 2015)
Alpha-Cypermethrin + Chlorfenapyr	Polyester coated onto filaments	BASF SE	Interceptor G2	Shanghai Gongtai Textile Co. Ltd; No.2, Fada Road, Banqiao Town, Taicang City Jiangsu Province (China) Sunshine World Net 2003 Co. Ltd, 91 Moo 9 Donsai, Photharam, Ratchaburi 70120, Thailand Decotex, Lot II-2A, Road 13, Tan Binh Industrial Park Tan Phu District, Ho Chi Minh City, Vietnam District Ho Chi Minh City, Vietnam	WHOPES Recommendation - PQ Converted WHO PQ ref. 002-002	WHO specification 454+570/LN (July 2019)
Alpha-Cypermethrin	Polyethylene incorporating into filaments	Disease Control Technologies LLC	Royal Sentry	Dean Superior Textile, Company Limited Baota Industrial Park, West Zone, Dean County, Jiujiang City, Jiangxi Province 330400 (China)	WHOPES Recommendation - PQ Converted WHO PQ ref. 003-001	WHO specification 454/LN/2 (September 2019)

Alpha-Cypermethrin	Polyethylene incorporating into filaments	Disease Control Technologies LLC	Royal Sentry 2.0	Dean Superior Textile, Company Limited Baota Industrial Park, West Zone, Dean County, Jiujiang City, Jiangxi Province 330400 (China)	WHO Prequalification Ref. 003-002	WHO specification 454/LN/4 (September 2020)
Alpha-Cypermethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	Disease Control Technologies LLC	Vector Guard	Dean Superior Textile, Company Limited Baota Industrial Park, West Zone, Dean County, Jiujiang City, Jiangxi Province 330400 (China)	WHO Prequalification Ref. P-09284	WHO specification 454/LN/M/3.2 (2009) + 33/LN/M/3 (2012)
Alpha-Cypermethrin + Pyriproxyfen	Polyethylene incorporating into filaments	Disease Control Technologies LLC	Royal guard	Dean Superior Textile, Company Limited, Baota Industrial Park, West Zone, Dean County, Jiujiang City, Jiangxi Province (China)	WHO Prequalification Ref. 003-003	WHO specification 454+715/LN (November 2018)
Deltamethrin	Polyester Coated onto filaments	Fujian Yamei Industry & Trade Co	Yahe LN	Fujian Yamei Industry & Trade Co., Ltd, No.116 Xikou Village Zhuqi, Minhou district, Fuzhou city Fujian province China Fujian Yamei Industry & Trade Co., Ltd, No. 1 Jingbian Garden Yinjiexu Development Zone Wuxing District HuzhouCity, Zhejiang Province China Fujian Yamei Industry & Trade Co., Ltd, No. 31, Longyan East Third Road, Xinlu Village, Yanshi Town, Xinluo District, Longyan City, Fujian Province, China. LTC YAMEI RWANDA LTD., Prime Economic Zone · Plot Du, Road 4, Kigali (Rwanda)	WHOPES Recommendation - PQ Converted WHO PQ ref. 015-001	WHO specification 333/LN/5 (January 2019)
Deltamethrin	Polyethylene incorporating into filaments	Life Ideas Biological Technology Co. Ltd	Panda Net 2.0	Dean Superior Textile Company Limited, Baota Industrial Park West Zone,, Dean County Jiangxi Province (China)	WHOPES Recommendation - PQ Converted WHO PQ Ref. 026-001	WHO specification 333/LN/3 (September 2015)
Alpha-Cypermethrin	Polyester coated onto filaments	Mainpol GmbH	SafeNet	China Jiujiang Health Tex Industries Company Limited, Baota Industrial Park West Zone, Dean County, Jiujiang City, Jiangxi Province (China),330 400 Yuanshi County Yiteng Needle Textile Co.Ltd No. 10 Yuanzhao Road, Yuanshi County, Shijiazhuang City, China 51130	WHOPES Recommendation - PQ Converted WHO PQ Ref. 018-001	WHO specification 454/LN/1 (August 2015)
Deltamethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	PPP Hollandi DMCC	Tsara Boost	Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan. SunPack Ltd, No.1 Donghua Industrial Park, Yanzheng Road, Changzhou, Jiangsu, China	WHO PQ Ref. P-00223	WHO specification 333+33/LN/2 (NETTING) (January 2019)
Deltamethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	PPP Hollandi DMCC	Tsara Plus	Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan. SunPack Ltd, No.1 Donghua Industrial Park, Yanzheng Road, Changzhou, Jiangsu, China Jin Xun Ye (Huizhou) Textile Company Limited, Xin Shi Ji Industrial Zone, Heshan village, Yuanzhou Town, Bolou County, Huizhou City, Guangdong Province, China.	WHO PQ Ref. P-00226	WHO specification 333+33/LN/2 (NETTING) (January 2019) and 333+33/LN/2 (NET) (January 2019)
Deltamethrin	Polyethylene incorporating into filaments	PPP Hollandi DMCC	Tsara Net	Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan. SunPack Ltd, No.1 Donghua Industrial Park, Yanzheng Road, Changzhou, Jiangsu, China	WHO PQ Ref. P-00224	WHO specification 333/LN/6 (February 2021)
Deltamethrin	Polyethylene incorporating into filaments	PPP Hollandi DMCC	Tsara Soft	Pak Poly Products (PVT). Ltd, 3.5km Kahna Kacha Defence Road, Lahore Pakistan. Jin Xun Ye (Huizhou) Textile Company Limited. Xin Shi Ji Industrial Zone, Heshan village, Yuanzhou Town, Bolou County, Huizhou City, Guangdong Province, China.	WHO PQ Ref. P-00225	WHO specification 333/LN/2 (January 2019)

Alpha-Cypermethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	Shobikaa Impex Private Limited	DuraNet Plus	Shobikaa Impex Private Limited, Plot No. 29,32 to 37, Survey Number 558 & 559, Athur SIDCO Industrial Estate, Vennaiimalai post, 639006, Karur district, Tamilnadu (India) Shobikaa Impex Private Limited, SF No.37/A2-Coimbatore Road, Pavithram Village, Thanner Pandal, Karur 639 002 Tamilandu India.	WHO Prequalification Ref. 006-003	WHO specification 454+33/LN/M/3
Alpha-Cypermethrin	Polyethylene incorporating into filaments	Shobikaa Impex Private Limited	Duranet	Shobikaa Impex Private Limited, Plot No. 29,32 to 37, Survey Number 558 & 559, Athur SIDCO Industrial Estate, Vennaiimalai post, 639006, Karur district, Tamilnadu (India) Shobikaa Impex Private Limited, SF No.37/A2-Coimbatore Road, Pavithram Village, Thanner Pandal, Karur 639 002 Tamilandu India.	WHOPES Recommendation - PQ Converted WHO PQ ref. 006-001	WHO specification 454/LN/2 (September 2019)
Permethrin	Polyethylene incorporating into filaments	Sumitomo Chemical Co Ltd	Olyset Net	Minh Hung Tien Giang Co., Ltd, Kinh 2A Hamlet Phuoc Lap Commune Tan Phuoc District Tien Giang Province (Vietnam) Vector Health International Limited, Net World Area Kisongo Arusha (Tanzania)	WHOPES Recommendation - PQ Converted WHO PQ ref. 001-004	WHO specification 331/LN (April 2014)
Permethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	Sumitomo Chemical Co Ltd	Olyset Plus	Minh Hung Tien Giang Co., Ltd, Kinh 2A Hamlet Phuoc Lap Commune Tan Phuoc District Tien Giang Province (Vietnam) Vector Health International Limited, Net World Area Kisongo Arusha (Tanzania)	WHOPES Recommendation - PQ Converted WHO PQ ref. 001-005	WHO specification 331+33/LN (May 2013)
Deltamethrin	Polyester Coated onto filaments	Tianjin Yorkool International Trading Co. Ltd	Yorkool LN	Tianjin Yorkool International Trading Co.Ltd, Sangyuan Industrial Zone, Baoding City,.Lixian County, Hebei Province, China Tianjin Yorkool International Trading Co.,Shiyou South Road, Kuoda Village, Nanmeng Township, Bazhou City, Hebei Province, China Tianjin Yorkool International Trading Co., The Wind Road South Middle, Gaotang County Economic Development Zone, Liaocheng City, Shandong Province, China Sino Africa Medical Devices Co. Ltd Plot 27-31, Second Ring Road, Luzira Industrial Park P.O Box 7321, Kampala , Uganda	WHOPES Recommendation - PQ Converted WHO PQ ref. 021-001	WHO specification 333/LN/1 (September 2020)
Deltamethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	Tianjin Yorkool International Trading Co. Ltd	Yorkool G3 LN	Yorkool Chemicals (Cangzhou) Co. Ltd, Lixian Sub- factory, Sangyuan Industrial Zone, Baoding City,Lixian County, Hebei Province, China Yorkool Chemicals (Cangzhou) Co. Ltd., Bazhou Sub-factory, Kuoda Village, Nanmeng Township, Bazhou City,Langfang City , Hebei Province, China Yorkool Chemicals (Cangzhou) Co Ltd., Gaotang Sub-Factory, No. 558 Shiefeng West Road, Economic Development Zone, Liaocheng City, Shandong Province, China	WHO PQ ref. 021-003	WHO specification 333+33/LN/2 (NETTING) (January 2019)

Deltamethrin	Polyester Coated onto filaments	Vestergaard	PermaNet 2.0	<p>A) 10-10 Textile Joint Stock Company multiple sites-Vietnam</p> <ol style="list-style-type: none"> 1. Minh Khai Factory-9/ 253 Minh Khai Street Hai Ba Trung, Hanoi Vietnam 2. Co Bi Factory-Vang village, Co Bi commune, Hanoi, Vietnam 3. Phuc Yen Factory- 198 Tran Phuc St., Phuc Thang Ward, Vinh Phuc Province 4. Hoang Linh Factory- Phu Doi Hamlet, Dai Thang Commune, Hanoi 5. Hoang Tung Anh Factory-Kim Xuyen Residential Group, Phuc Yen City, Vinh Phuc Province 6. Hung Luc Factory-Hoang Nong Pine, Lo Giang Village, Dong Hung District, Thai Binh Province 7. Minh Hang Factory-Dong Tien Village, Phuong Duc Commune, Phu Xuyen District, Hanoi 8. Phu Lan Factory-Van Hoi Village, Dai Thang Commune, Phu Xuyen District, Hanoi 9. Phuc Yen Factory No 1 Business Location-Trai Dat Village, Dao Duc Commune, Binh Xuyen District, Vinh Phuc Province 10. Phuc Yen Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province 11. Phuong Nhi Factory -Hanoi-Hamlet 2, Van Phuc Commune, Thanh Tri District, Hanoi 12. Phuong Nhi Factory Nguyen– Thai-Tan Thanh Village, Kha Son Commune, Phu Binh District, Thai Nguyen Province 13. Quang Hung Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 14. Tu Mai Factory-Thuong Duc Residential Group, Dao Duc town, Binh Xuyen District, Vinh Phuc Province 15. Vinh Cuu Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 16. Hung Yen Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 17. Huu Nghi Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province 18. Long Ha Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 19. Trading Phu Lan Factory-Phong Coc Residential Group, Minh Duc Ward, My Hao Town, Hung Yen Province <p>B) Vinmos Company Ltd, Nhon Hoa 1 Hamlet, Due Hoa Thuong Commune, Due Hoa District Long An Province Vietnam</p>	<p>WHOPES Recommendation - PQ Converted</p> <p>WHO PQ ref. 005-001</p>	<p>WHO specification 333/LN/1 (September 2020))</p>
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Deltamethrin + Piperonyl Butoxide(Synergist)	Polyethylene incorporating into filaments+ Polyester coated onto filaments (side panel)	Vestergaard	PermaNet 3.0	<p>A) 10-10 Textile Joint Stock Company multiple sites-Vietnam</p> <ol style="list-style-type: none"> 1. Minh Khai Factory-9/ 253 Minh Khai Street Hai Ba Trung, Hanoi Vietnam 2. Co Bi Factory-Vang village, Co Bi commune, Hanoi, Vietnam 3. Phuc Yen Factory- 198 Tran Phuc St., Phuc Thang Ward, Vinh Phuc Province 4. Hoang Linh Factory- Phu Doi Hamlet, Dai Thang Commune, Hanoi 5. Hoang Tung Anh Factory-Kim Xuyen Residential Group, Phuc Yen City, Vinh Phuc Province 6. Hung Luc Factory-Hoang Nong Pine, Lo Giang Village, Dong Hung District, Thai Binh Province 7. Minh Hang Factory-Dong Tien Village, Phuong Duc Commune, Phu Xuyen District, Hanoi 8. Phu Lan Factory-Van Hoi Village, Dai Thang Commune, Phu Xuyen District, Hanoi 9. Phuc Yen Factory No 1 Business Location-Trai Dat Village, Dao Duc Commune, Binh Xuyen District, Vinh Phuc Province 10. Phuc Yen Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province 11. Phuong Nhi Factory -Hanoi-Hamlet 2, Van Phuc Commune, Thanh Tri District, Hanoi 12. Phuong Nhi Factory Nguyen– Thai-Tan Thanh Village, Kha Son Commune, Phu Binh District, Thai Nguyen Province 13. Quang Hung Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 14. Tu Mai Factory-Thuong Duc Residential Group, Dao Duc town, Binh Xuyen District, Vinh Phuc Province 15. Vinh Cuu Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 16. Hung Yen Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 17. Huu Nghi Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province 18. Long Ha Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 19. Trading Phu Lan Factory-Phong Coc Residential Group, Minh Duc Ward, My Hao Town, Hung Yen Province <p>B) Vinmos Company Ltd, Nhon Hoa 1 Hamlet, Due Hoa Thuong Commune, Due Hoa District Long An Province Vietnam</p>	<p>WHOPES Recommendation - PQ Converted</p> <p>WHO PQ ref. 005-002</p>	<p>WHO specification 333+33/LN/1 (April 2019)-</p>
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Deltamethrin + Chlorfenapyr	Polyester coated onto filaments	Vestergaard	PermaNet Dual	<p>A) 10-10 Textile Joint Stock Company Sites -Vietnam</p> <ol style="list-style-type: none"> 1. Minh Khai Factory-9/ 253 Minh Khai Street Hai Ba Trung, Hanoi Vietnam 2. Co Bi Factory-Vang village, Co Bi commune, Hanoi, Vietnam 3. Phuc Yen Factory- 198 Tran Phuc St., Phuc Thang Ward, Vinh Phuc Province 4. Hoang Linh Factory- Phu Doi Hamlet, Dai Thang Commune, Hanoi 5. Hoang Tung Anh Factory-Kim Xuyen Residential Group, Phuc Yen City, Vinh Phuc Province 6. Hung Luc Factory-Hoang Nong Pine, Lo Giang Village, Dong Hung District, Thai Binh Province 7. Minh Hang Factory-Dong Tien Village, Phuong Duc Commune, Phu Xuyen District, Hanoi 8. Phu Lan Factory-Van Hoi Village, Dai Thang Commune, Phu Xuyen District, Hanoi 9. Phuc Yen Factory No 1 Business Location-Trai Dat Village, Dao Duc Commune, Binh Xuyen District, Vinh Phuc Province 10. Phuc Yen Factory No 5 Business Location-Nhat Chieu Hamlet, Lien Chau Commune, Yen Lac District, Vinh Phuc Province 11. Phuong Nhi Factory -Hanoi-Hamlet 2, Van Phuc Commune, Thanh Tri District, Hanoi 12. Phuong Nhi Factory Nguyen– Thai-Tan Thanh Village, Kha Son Commune, Phu Binh District, Thai Nguyen Province 13. Quang Hung Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 14. Tu Mai Factory-Thuong Duc Residential Group, Dao Duc town, Binh Xuyen District, Vinh Phuc Province 15. Vinh Cuu Factory-Dai Mao Village, Hoai Thuong Commune, Thuan Thanh District, Bac Ninh Province 16. Hung Yen Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 17. Huu Nghi Factory-Minh Duc Industrial Park, 1228 Nguyen Van Linh, Minh Duc Ward, My Hao Town, Hung Yen Province 18. Long Ha Factory-Nguyen Van Linh Street, Di Su Ward, My Hao Town, Hung Yen Province 19. Trading Phu Lan Factory-Phong Coc Residential Group, Minh Duc Ward, My Hao Town, Hung Yen Province Minh Khai Site -9/ 253 Minh Khai Street Hai Ba Trung, District Hanoi Vietnam <p>B) Vinmos Company Ltd, Nhon Hoa 1 Hamlet, Due Hoa Thuong Commune, Due Hoa District Long An Province Vietnam</p>	WHO PQ ref. P-03228	WHO specification 333/LN/(M)3 2009 -
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Alpha-Cypermethrin	Polyethylene incorporating into filaments	VKA Polymers pvt. Ltd	MAGNet	169/1, 170/1 Balarajapuram Village Veerarakkiyam, Karur District Tamil Nadu, India 6 9114 1/79, Madurai bypass road (NH 7), Sadiya Gounden Pudhur Kakavadi Post, Karur District Tamilnadu, India - 639 003 9/939 Cheeran Nagar, China Andankoil Road, Karur 639002, Tamil Nadu, India 38, Local Road 830D, Hamlet 5, Ben Luc District, Long a Province, Vietnam.	WHOPES Recommendation - PQ Converted WHO PQ ref. 014-001	WHO specification 454/LN/2 (September 2019)
Alpha-Cypermethrin + Piperonyl Butoxide (Synergist)	Polyethylene incorporating into filaments	VKA Polymers pvt. Ltd	Veeralin LLIN	169/1, 170/1 Balarajapuram Village Veerarakkiyam, Karur District Tamil Nadu, India 6 9114 1/79, Madurai bypass road (NH 7), Sadiya Gounden Pudhur Kakavadi Post, Karur District Tamilnadu, India - 639 003 9/939 Cheeran Nagar, China Andankoil Road, Karur 639002, Tamil Nadu, India 38, Local Road 830D, Hamlet 5, Ben Luc District, Long a Province, Vietnam.	WHOPES Recommendation - PQ Converted WHO PQ ref. 014-00	WHO specification 454+33/LN (March 2016)

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.
- YELLOW** signifies a new product entry; **PINK** signifies modification of an existing entry/additional sites.