



# Malaria prevention essentials: Mosquito Nets

With about 40% of the world's population at risk of malaria today, prevention by using mosquito nets is an important weapon to avoid this life-threatening disease. Especially at night, when most malaria-carrying mosquitoes bite, a net can be a life-saving barrier between a sleeping person and the mosquito.

By treating a net with insecticide, its effectiveness dramatically improves. A long-lasting insecticide-treated net (LLIN) is factory pre-treated and remains effective during its entire life span.

Roll Back Malaria's goal is to reduce the global malaria burden by 50% in 2010, as compared to 2000. One important condition for reaching this goal is the use of mosquito nets, preferably Long-Lasting Insecticide-treated Nets (LLIN). IDA Foundation can offer you a number of different sizes and types.

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### Untreated mosquito nets

Polyester untreated mosquito nets are available in different sizes and colours. However, for increased effectiveness, we always advise the use of an insecticide, such as deltamethrin, to treat these nets.

### Insecticide-treated nets (ITNs)

Impressive reductions in mortality (on average 20%), especially amongst children, were reported after trials with ITNs in the 80s and 90s. However, when using ITNs, the importance of re-treatment of the nets should be underlined. Depending on the frequency of washing, ITNs may require re-treatment every 6-12 months.

### Long-lasting insecticide-treated nets (LLINs)

LLINs remain efficient for a period of 3-5 years (the entire life span of a net) without requiring re-treatment. LLINs are thus considered the most important tool in malaria prevention for the coming years. Although the initial cost of a LLIN is higher, the net is cheaper in the long run, because it does not need re-treatment for at least the first 3 years. Moreover, re-treatment has proven to be difficult to achieve in Africa. Therefore, donor organisations strongly recommend the use of LLINs in high-burden malaria countries.

### Different types of LLINs

IDA Foundation supplies two different types of LLINs: polyester nets and polyethylene nets. The main differences are described in table below:



	<b>Polyester LLIN</b>	<b>Polyethylene LLIN</b>
<b>Insecticide</b>	Deltamethrin	Deltamethrin
<b>Application Insecticide</b>	Coated around fiber	Incorporated into fiber
<b>Life span</b>	3 to 4 years	4 to 5 years
<b>Fabric</b>	Soft, pliable	Slightly more stiff

For further technical details, please contact IDA Foundation at [info@idafoundation.org](mailto:info@idafoundation.org)



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## Insecticides (for the treatment of mosquito nets)

For treatment of untreated mosquito nets and/or re-treatment of insecticide-treated nets (ITN), deltamethrin insecticide tablets can be used.

IDA Foundation offers you two options:

- a regular tablet (requiring re-treatment once a year or after three washes)
- a long-lasting tablet, converting the net into a LLIN by means of a dipping process.

Deltamethrin is an insecticide which has been WHOPES evaluated and approved (WHO/SIF/64/R2)\*

\* This code refers to the WHOPES registration number for Deltamethrin tablets.

## IDA Foundation's focus on mosquito nets

The supply of mosquito nets forms a crucial part of successful anti-malaria programmes. IDA Foundation has supplied numerous organisations with high-quality nets. Below, you find a list of malaria nets that IDA can supply, including the corresponding prices in euros.

IDA Foundation can, upon request, also pack an untreated - or insecticide treated mosquito net with a deltamethrin insecticide tablet, for easy distribution to your end-users.

For special requests or a quotation, please contact us via [info@idafoundation.org](mailto:info@idafoundation.org)

*Please note that the listed prices are indications and subject to change*

### Untreated nets

		Unit	Price (Euro)
Q86000	mosquito net 130x180x150cm	1pce	2,25
Q86400	mosquito net 190x180x150cm	1pce	2,90

### Insecticide Treated mosquito nets (ITN)

		Unit	Price (Euro)
Q86200	mosquito net 130x180x150cm	1pce	2,85
Q86600	mosquito net 190x180x150cm	1pce	3,35

### Long-lasting insecticide-treated nets (LLIN)

		Unit	Price (Euro)
Q88200	mosquito net 130x180x150cm, polyester	1pce	4,25
Q88300	mosquito net 160x180x150cm, polyester	1pce	4,70
Q88400	mosquito net 190x180x150cm, polyester	1pce	5,05
Q89000	mosquito net 130x180x150cm, polyethylene	1pce	3,95
Q89100	mosquito net 160x180x150cm, polyethylene	1pce	4,35
Q89200	mosquito net 190x180x150cm, polyethylene	1pce	4,70

### Insecticides

		Unit	Price (Euro)
Q86800	deltamethrin tablets (KO-tab 2.5%) for mosquito net treatment	1 tab	0,75
Q86900	KO-tab 1-2-3 kit, consisting of 1 KO-tab (long lasting) + 1 sachet long-lasting binding agent + 1 measuring bag + plastic gloves*	1 kit	2,25

\* *Dangerous goods: please consult IDA Foundation's terms & conditions for supply & shipment*

