

Dubai, United Arab Emirates
Email info@moonnetting.com
Tel +9714 888 0125
Fax +9714 888 0124



MOON
Netting

**No bite,
sleep tight.**

Our story

Malaria is a treatable and preventable disease, yet it kills a child every two minutes. After decades of progress in which the number of malaria cases has almost halved to half a million deaths a year, this positive trend has stalled. This calls for continuous distribution of long-lasting insecticidal nets (LLIN), a highly effective tool to combat malaria, as well as new solutions to arising challenges such as insecticide resistance.

Moon Netting is a new net manufacturer, part of the NRS International group of companies. We employ the latest technology to create more affordable and more efficacious insecticide treated mosquito nets to protect people living in malarious regions.

When the sun sets and the night falls, malaria transmitting mosquitoes go out on a hunt for their blood meal potentially bringing malaria parasites with them. Mosquitoes are the deadliest animals in the world and while their buzzing is annoying, their bites can be life-threatening. Malaria is caused by parasites that are transmitted through the bites of infected female anopheline mosquitoes. Our nets serve as a physical and mosquito killing barrier, providing safe cover and a good night's sleep.

Our product range is called **Tsara**, which means 'to protect' in Hausa, a local language spoken in west Africa. The name was suggested by our Nigerian colleague Chima, whose mother tongue is Hausa.

The product naming process demonstrates the company's culture of inclusiveness, entrepreneurship and commitment, in which we aim to create an equitable organization. Each individual of our diverse and multinational team has the opportunity to contribute to shaping the success of our company.

The right products for malaria control today

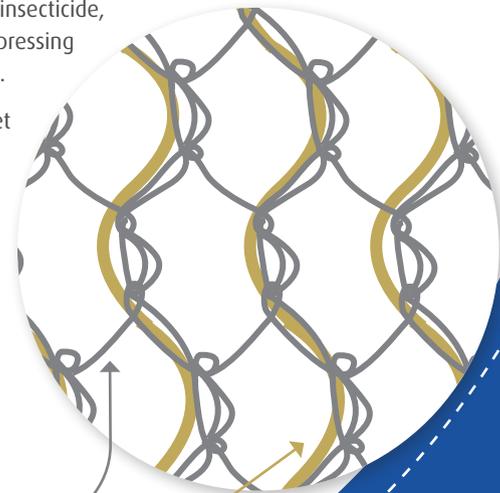
The vector control community is facing increasing challenges in light of emerging complexities in mosquito control and an availability of funding that requires bold thinking if our goal is malaria reduction and elimination. At the same time, we have to ensure and expand coverage of malaria prevention tools, while also addressing an increase in insecticide resistance with new products, all within tightening budgets.

Our **Tsara** net is a value-for-money and durable long-lasting polyethylene (PE) LLIN. The yarn thickness and mesh size are carefully calibrated to provide resistance to wear and provide a good airflow to ensure comfort for those sleeping under it.

Tsara BOOST is our response to the discovery of an increase in insecticide resistance in most areas with malaria control programs. It is a piperonyl butoxide (PBO) deltamethrin combination net designed for the control of mosquito populations in areas with increased insecticide resistance.

The PBO is a co-insecticide, considerably enhancing the effectiveness of the primary insecticide, in our case deltamethrin, by suppressing the mosquito's enzyme defenses.

The **Tsara BOOST** combination net is based on a proprietary dual-insecticide release technology that improves the efficacy as well as the chemical persistence of both actives on the net. The net incorporates the combination on the entire net to provide a maximum level of protection.



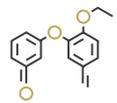
PBO optimized yarn
Deltamethrin + PBO

Production

We use the latest production technology while caring for our people and the planet.



We only use original deltamethrin sourced from Bayer



We have designed a 'built-to-purpose' production facility, customized to our innovative technology requirements



We engage with the local community to create job opportunities



We continuously strive for increased efficiencies in our production and share our experiences in annually published reports.

Sustainability

Sustainability and responsible business practices define our approach to business. We leverage a variety of resources in pursuit of economic, environmental and socially sustainable operations, guided by targets set by the Sustainable Development Goals. With the introduction of our new machines, by design we integrate energy efficiency into our production processes and we strive to minimize our environmental footprint by recycling and repurposing surplus plastic.

As a member of UN Global Compact, we align our value system with a principle-based approach to doing business. This means operating in ways that meet fundamental responsibilities in the areas of human rights, labor, environment and anti-corruption. We are committed to communicating our progress and share our experiences in annually published sustainability reports.



Product specifications

	Tsara PE net	Tsara BOOST PBO net
Material	100% polyethylene, monofilament	100% polyethylene, monofilament
Denier	120 denier, 110 mesh holes	130 denier, 115 mesh holes
Deltamethrin	2.5 g/kg	3 g/kg (120 mg/m ²)
Bursting strength	Min 380 kPa	Min 400 kPa
Synergist	-	Piperonyl butoxide (PBO), 11g/kg(480 mg/m ²)
Weight	37 g/m ²	40 g/m ²
Shapes and sizes	Rectangular and conical, any size	Rectangular and conical, any size
Colors	Multiple	Multiple
Logo	Customizable	Customizable

