

# MORINGA OIL

MORINGA OLEIFERA

## OVERVIEW

Moringa oil has been used for centuries by many different cultures around the world in skincare and traditional medicine practices. The Moringa oleifera tree which produces the oil, is native to the Indian subcontinent. The ancient Egyptians, Greeks, and Romans also used the oil for a variety of purposes, including as a perfume, an ointment for wounds, and as a treatment for skin and hair conditions.

The seeds are cold-pressed to produce a seed oil high in protein and oleic acid. The oil is rich in antioxidants, vitamins, and minerals, and is widely used in the cosmetics and skincare industry due to its moisturizing and nourishing properties. Moringa oil has a light texture and is easily absorbed by the skin.

## FACTS

Region of Origin: Kenya

Supply: Out-grower sourced

Raw material: Moringa seeds

Extraction: Cold-pressing

Harvest: Year round

CAS No: 93165-54-9

EINECS: 296-941-1

INCI: Moringa oleifera

Shelf Life: 2 years



Moringa seeds are dried before being pressed at our Athi River facility.

## APPLICATION



Cosmetics



Food-grade

## THIS FAIROILS PRODUCT IS:



Pure & Natural



Organic



Vegetable Oil



Cold pressed



Fairoils project



Fair trade certified



Refined

# THE FAIROILS PROCESS

Fairoils ethically sources its moringa seed from small-scale farmers at Lunga Lunga, located on the Kenyan Coast, and Taveta, which is inland near the Tanzanian border. Fairoils does not source its moringa seed from commercial farms. Many of these farmers live in areas that are subject to weather extremes, and moringa is a hardy and reliable crop that requires less water than other crops. Fairoils has a central drop-off and collection point for the farmers, and they are paid on delivery.

The farmers collect the pods, which can contain around 20 seeds each. Once the pod splits, the farmers dry the inner kernels further before taking them to one of the established Fairoils collection points. The farmers are paid a fair price per kilo, and they can make a good profit from the tree as it is intercropped along with other subsistence and income crops. Moringa provides additional benefits such as weed control, windbreaks, and erosion management.

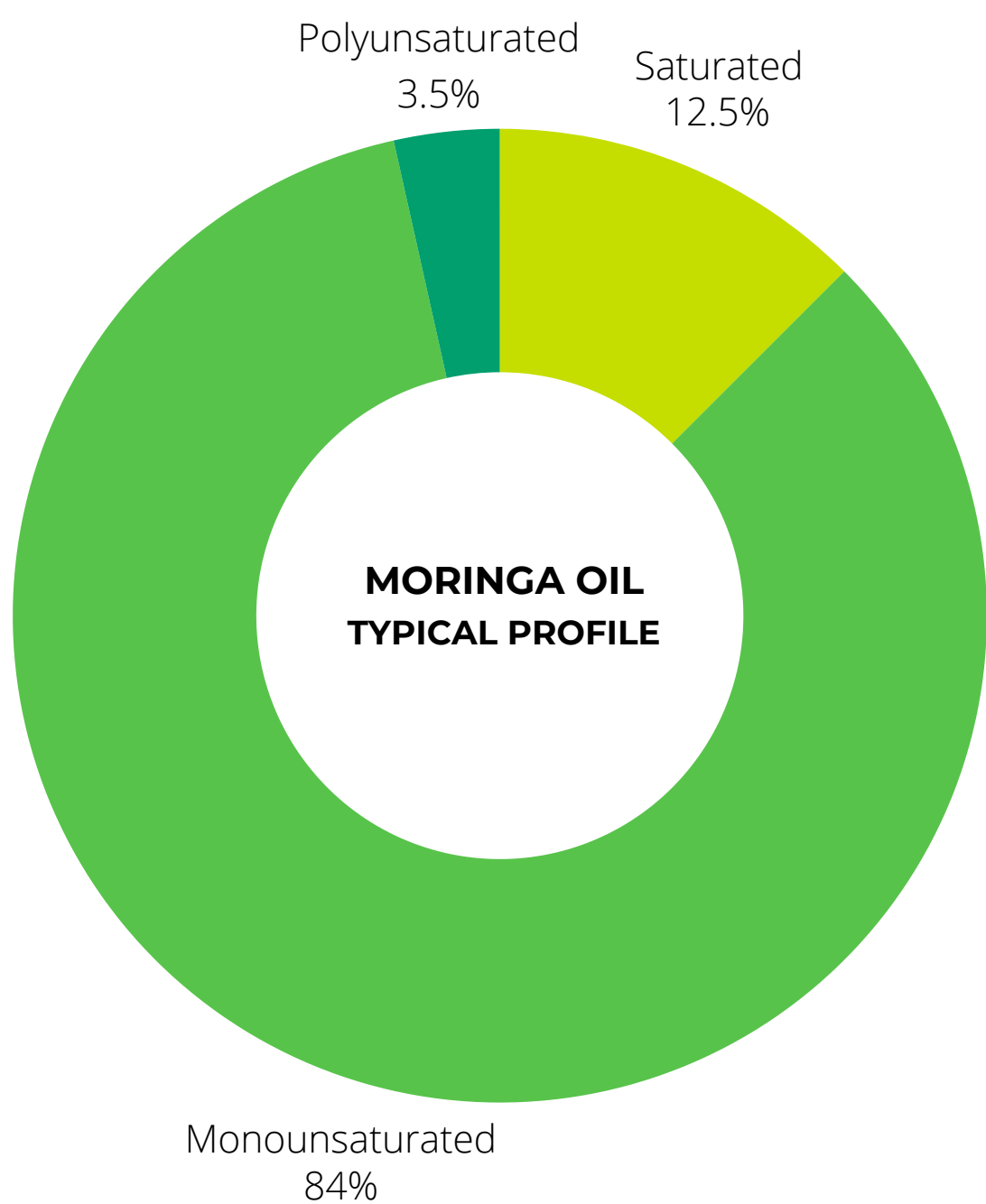
*The World Bank provides funds for community initiatives in this farming community, including drip-kit systems, water tanks and health and clean water initiatives—measures that have a big impact on living standards.*

After collection, the seeds/kernels are transported to Fairoils' Athi River processing facility where they are cleaned, dried further, and then cold-pressed through high-grade expeller presses. Fairoils' moringa seed oil is of high quality due to the entire extraction process – the production line, quality assurance processes, and equipment at the Athi River facility ensure a consistently high-grade oil is produced.

Moringa oil is mainly composed of monounsaturated oil with very high oleic acid levels, which is ideal for dry skin as it can penetrate easily into the epidermis. Additionally, moringa oil is rich in skin-friendly Omegas 3, 6 & 9 and antioxidants such as phytosterols, which can help combat aging and skin damage. Due to the low levels of polyunsaturated fats, Moringa oil is very stable, making it resistant to rancidity and helpful when blended with other oils.



## MORINGA OIL DATA



Category	Description
Appearance - Crude	Greenish-yellow oil
Acidity Value	<10.0mg KOH/g oil
Peroxide Value	<5.0mq O2/Kg oil
Relative Density	0.910 - 0.920g/ml
Saponification Value	175-195

**CERTIFICATIONS**



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