

PEPPERMINT OIL

MENTHA PIPERITA - BLACK MITCHAM

OVERVIEW

Peppermint oil is derived from the leaves of the *Mentha Piperita* plant, which is a perennial herb that has been cultivated since ancient times. It is commonly used as a flavouring in food and beverages, as well as a fragrance in personal care and cosmetic products. The key ingredient of peppermint oil is menthol, which provides a refreshing, crisp, and bittersweet aroma.

Peppermint's key component is menthol which gives it its distinctive 'minty' scent and taste. Fairoils is producing an oil with menthol levels between 42-47% with well-balanced levels of menthone and menthofuran. The high-quality genetics combined with the ideal growing conditions of the Kenyan highlands means peppermint is proving to be a great crop for Fairoils' small-scale farmers.

FACTS

Region of Origin: *Kenyan highlands*

Supply: *Out-grower project*

Raw material: *Peppermint leaves*

Extraction: *Steam distillation*

Harvest: *all year round*

CAS No: 8006-90-4

EINECS: 282-015-4

EC/List Number: 616-900-7

INCI: *Mentha piperita leaf extract*

Shelf Life: *3 years*

APPLICATION



Cosmetics Aromatherapy Flavour & fragrance

INDUSTRY STANDARDS



Pure & Natural



Fairoils project



Ethically sourced



Essential oil



Steam distilled



Peppermint oil is distilled on site at our Mount Kenya facility

THE FAIROILS PROCESS

Fairoils has introduced peppermint to farmer-partners in the Kenyan highlands as part of its small-scale grower programs. This initiative aims to provide farmers with a new cash crop while promoting sustainable agriculture and fair trade practices. Imported from the main peppermint-growing region on the West Coast of the United States, Fairoils introduced two varieties of mentha piperita: *Black Mitcham* and *Todd Mitcham*. Both varieties have thrived in the farming region around Mt. Kenya, where Fairoils already collaborates with over 2,500 small-scale farmers.

Peppermint requires regular watering, so it has been introduced to regions in Kenya with more reliable rainfall. Additionally, many farmers in the Mt. Kenyan region have benefited from Fairoils' supplying dam liners and drip irrigation kits to ensure good crop yields.

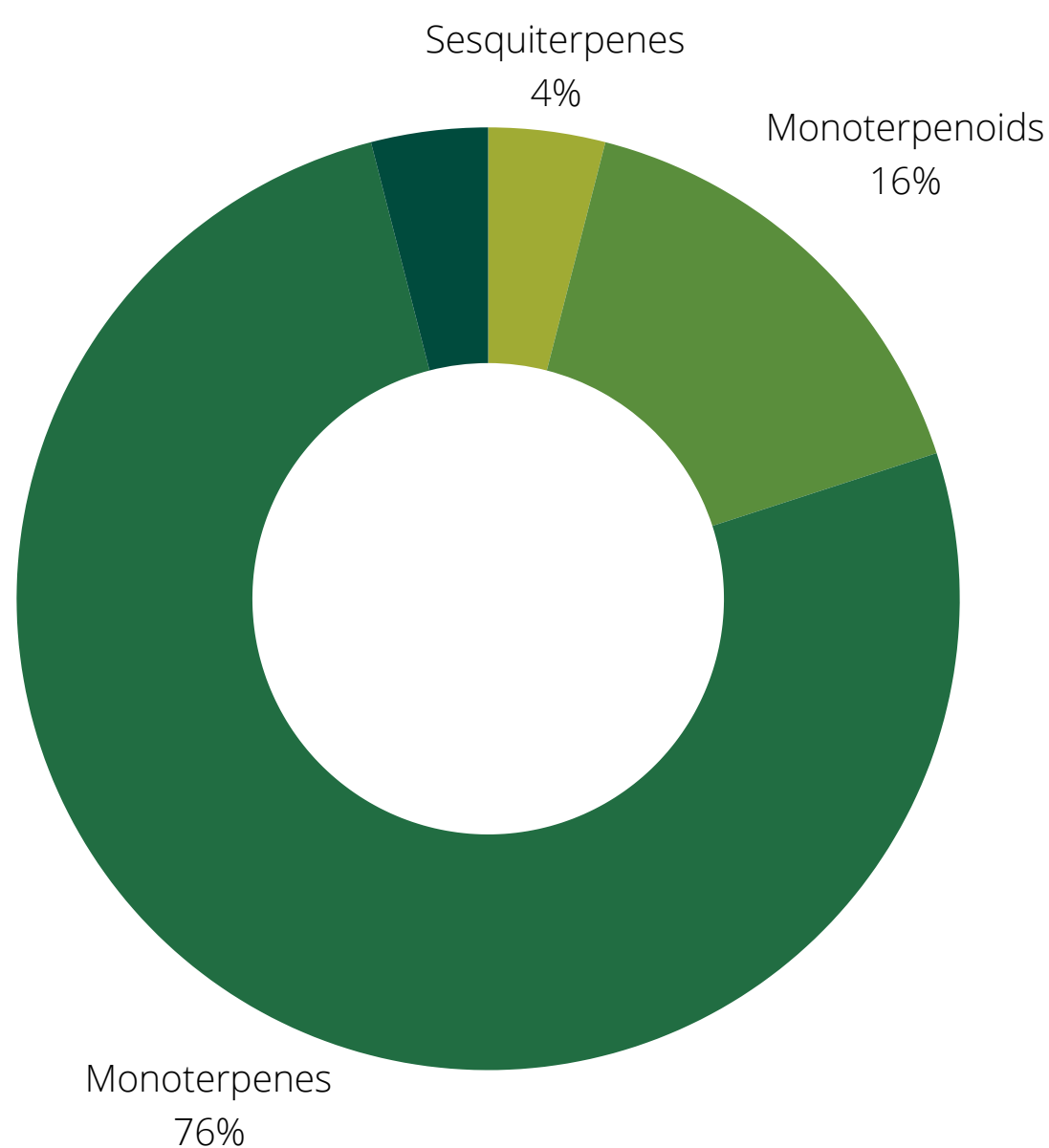
Fairoils' introduction of mentha piperita to Kenyan farmers under the Fairoils small-scale farmer-partner program highlights its commitment to fair trade and sustainable agriculture, providing a new cash crop with up to five annual harvests and supporting over 2,500 farmers and their families.

Fairoils' peppermint offers farmers an additional cash crop that can be integrated into their commercial farming programs. The consistent climatic conditions near the Kenyan equator allow for up to five peppermint harvests per year, providing a steady income - backed up by Fairoils' guarantee to purchase all the biomass produced. Fairoils processes the peppermint leaves into oil at its distillation facility, located at the foothills of Mt. Kenya.

Fairoils selected the Mitcham variety for its superior oil quality, known for both its exceptional taste and aroma. This choice reflects Fairoil's commitment to delivering premium-quality products to its customers while supporting sustainable agriculture with fair trade practices.



PEPPERMINT OIL DATA



Constituent	Major Compounds	Fairoils Spec
Monoterpenes	Menthol Menthone Methyl acetate	42%+ 12-15% 5-10%
Monoterpenoids	Menthofuran Neomenthol Iso-menthone	5-8% 3-4% 1-3%
Sesquiterpenes	Beta caryophyllene Germacrene-D	1-2% 1-2%

CERTIFICATIONS



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