

SUSTAINABILITY, PURITY AND TRACEABILITY INFORMATION

Ahiflower offers a sustainable and scalable answer to the marine omega-3 supply conundrum – how do we meet the essential fatty acid requirements of 8 billion people without depleting our natural resources?

FULLY TRACEABLE, ULTRA-SUSTAINABLE, REGENERATIVELY GROWN.. AND THE RICHEST NATURAL PLANT OMEGA SOURCE

- Each month's supply of Ahiflower oil provides as much omega-rich oil as 300 anchovies.
- Each regeneratively-grown acre of Ahiflower provides as much omega-rich oil as 500,000 anchovies.
- Ahiflower yields more SDA+ALA+GLA per acre than any other oilseed crop and requires significantly less fertiliser or chemical inputs than most other farmed commodity crops.
- Our human dietary omega-3 needs could be met by Ahiflower on only 480,000 acres/year. For perspective, US soybean acres (77% for livestock) were 90 million in 2018.
- Provides valuable on-farm habitat for bees and butterflies

HOW IS AHIFLOWER GROWN?

Ahiflower is grown in partnership with UK farmers using regenerative agriculture principles.

These include:

- Minimise soil disturbance
- Maximise crop diversity
- Keep the soil covered
- Maintain a "living root" in the ground
- Minimal use of synthetic inputs.

These aim to:

- Enhanced soil health and fertility
- Increase farm biodiversity
- Create positive carbon capture impacts

AHIFLOWER IS FULLY TRACEABLE!

As Ahiflower is exclusively produced and supplied by Natures Crops International, a B Corp-certified company, it is possible to trace each batch of Ahiflower back to the very farm it was grown on! There's nothing fishy about Ahiflower.



IS AHIFLOWER CERTIFIED ORGANIC?

Ahiflower oil is not certified organic but it is fully non-GMO and is tested free of pesticides and other potential impurities like heavy metals, PCBs, and PAHs. In order to grow Ahiflower successfully and obtain large enough seed yields to keep the price of Ahiflower oil competitive, conventional weed control is necessary. The crop requires very little, if any, further conventional treatments all the way through harvest of the mature seed. The post-harvest cleaning and oil refining process assures that no trace pesticides can be detected in the finished oil. Remember, certified organic does not mean pesticide-free, only that non-approved pesticides weren't added during cultivation.

WHAT MAKES AHIFLOWER SUSTAINABLE?

Ahiflower's cultivation is inherently sustainable because Ahiflower crops improve soil fertility and pollinator biodiversity over time. Ahiflower is certified non-GMO and provides a new rotational option for conventional wheat and oilseed rape (OSR) growers who must increase the biodiversity of their crop rotations following UK soil conservation regulations. Because Ahiflower derives originally from a native plant species, it does not require heavy applications of water, fertilization, or other agricultural inputs (in contrast to vegetables, wine grapes or cereals used to make beer). Conventionally-grown Ahiflower meets all environmental (soil, air, water, and agricultural input) requirements in the UK's stringent and tightly monitored crop production system. Unlike marine sources of omega-3 fatty acids, which are experiencing supply chain disruptions, Ahiflower oil can be farmed regeneratively—from "soil to oil"—as a rotational break crop by an ever-increasing network of trained, conscientious growers in the UK. As Ahiflower consumption grows globally it will help reduce pressure on marine ecosystems using wild harvested anchovies, sardines, mackerel, etc and/or farmed aquaculture salmon for omega-3 nutrition.

Through providing an effective, sustainable, and regenerative solution to the marine omega-3 supply crisis, Ahiflower supports human, land and ocean health.