

Origin: South Sweden

AAK

ImpAAKtful™ Canola

Regenerative
agriculture
program

Cutting
carbon

Boosting
biodiversity

Strengthening
sustainability
reporting

Sustainability benefits of canola



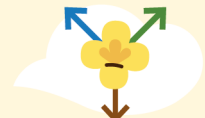
Moderate water footprint
often grown in rain-fed conditions, which can reduce the need for irrigation.



Supports soil health
commonly grown in crop rotations, helping to balance soil nutrients.



Beneficial for pollinators
flowers provide nectar and pollen for bees and other insects.



Low-waste output
delivers multiple value streams: seeds for oil processing, meal for animal feed, and residues returned to the soil.

*But did
you know?*

The overall carbon footprint of canola depends on how it is farmed. Around **90% of greenhouse gas emissions** in this value chain are **Scope 3**, generated at farm level through agricultural practices.

ImpAAKtful takes sustainability further

Launched in 2024, the ImpAAKtful regenerative agriculture program builds on AAK's initiative to enhance the transparency and traceability of its segregated Swedish canola supply chain.

The first step established a digital climate performance platform that enables farmers within the supply chain to voluntarily report primary field-level data. Then, through the ImpAAKtful program, participating farmers can adopt regenerative agriculture practices that help increase yields, reduce CO₂ emissions per metric ton of canola seed, and improve landscape health. Farmers choose the practices best suited to their land and receive financial incentives for implementing them.

Reduced carbon footprint

third-party verified primary data shows ImpAAKtful emissions are **37% lower** than a standard European canola benchmark and **28% lower** than a standard Swedish benchmark.

Source: Agri-footprint

Our Swedish-sourced, canola-based ingredients are **ImpAAKtful** mass balance, allowing customers to use third-party verified primary field-level data to support agriculture-related Scope 3 emissions reporting under frameworks such as SBTi and CSRD.



ImpAAKtful mass balance ingredients:

- LIPEX® PreAct™
- LIPEX® 120
- LIPEX® Bassol C™

Customer engagement opportunity:

ImpAAKtful allows customers to invest directly in regenerative agricultural practices selected by the farmer to increase on-farm biodiversity or reduce emissions.

About *regenerative* agriculture

Regenerative agriculture is an approach to farming that aims to restore soil health, strengthen biodiversity, improve water resilience, and support long-term productivity.

Adopting new practices often involves upfront costs and operational changes. That is why AAK developed the **ImpAAKtful** program in collaboration with farmer cooperatives, with the choice of activities tailored to canola farming.

Each activity is assigned points, and farmers must reach a minimum threshold to qualify for financial rewards that help offset costs and recognize the environmental benefits delivered.



ImpAAKtful *regenerative* *agricultural* *activities*

Precision farming

Uses tools such as variable-rate application to target fertilizers and crop protection inputs more precisely where needed.

Soil coverage activities

Keeps soil covered for longer to help protect against erosion, increase carbon sequestration and support soil function.

Natural habitat: flower zones and hedgerows

Establishes habitat areas such as flower strips and hedgerows to support biodiversity in the farmed landscape.

Crop rotation activities

Introduces more diverse crop sequences to support soil health, break pest cycles, and strengthen farm resilience.

BAT fertilizers / low-emissions fertilizers

Promotes the use of lower-emission fertilizer solutions to help reduce greenhouse gas emissions from crop production.

Fossil-free field operations

Supports a shift away from fossil-based energy in farm operations through lower-emission alternatives.

Reduce tillage

Minimizes soil disturbance to help retain soil structure, reduce fuel use, and support long-term soil health.

And did you know?

Alongside **ImpAAKtful**, AAK has implemented Scope 1 and 2 energy-saving initiatives at the local canola crushing and refining plant in Karlshamn, Sweden, including heat recovery and more efficient motors.

