



Frequently Asked Questions

About Sustainable Oils Camelina

What is Sustainable Oils Camelina?

Sustainable Oils Camelina is a family of patented camelina varieties that have many superior traits. Sustainable Oils camelina exhibits superior agronomic performance including increased drought and frost tolerance, and lower carbon intensity scores, versus other oilseed feedstocks including canola and soybeans.

What makes Sustainable Oils Camelina unique?

Sustainable Oils Camelina has high oil content and has the lowest carbon intensity score of diesel feedstock alternatives. Sustainable Oils Camelina has emerged as the crop feedstock of choice for renewable diesel production. Renewable diesel made from Sustainable Oils Camelina is a high-demand drop-in fuel that meets all specifications for today's engines, on par with diesel produced from petroleum.

Sustainable Oils Camelina varieties are the only camelina approved for the California LCFS (Low Carbon Fuel Standard).

Where in my dryland crop rotation does Sustainable Oils Camelina best fit?

Sustainable Oils Camelina is suitable for planting in the High Plains, the Pacific Northwest and Montana, as a summer fallow replacement crop or double-cropped with soybeans, sorghum or other summer crops to produce two crops in a single season off the same land.

What kind of yield can I expect from Sustainable Oils Camelina?

In dryland rotations, Sustainable Oils Camelina's root system makes efficient use of available soil moisture. With proper management, it can average 1,000 lbs. per acre and with higher rainfall amounts can yield above 1,500 lbs. per acre.≠

What type of soil does Sustainable Oils Camelina need?

Sustainable Oils Camelina is a resilient crop that can handle most types of agricultural soils. As with any other commercial crop, well-drained sandy soils will not hold sufficient moisture to grow a commercially acceptable crop.

Who is Sustainable Oils?

Sustainable Oils, Inc. was formed in 2013, with roots in camelina back as far as 2005 through its previous entity Sustainable Oils, LLC, and now is the world's leading developer of camelina. Sustainable Oils, Inc., owns an industry leading portfolio of intellectual property rights, including patents and production know-how, to produce its proprietary varieties of camelina as a nonfood based ultra-low carbon biofuels feedstock. Sustainable Oils, Inc. headquarters is in Great Falls, Montana.

Sustainable Oils, Inc. is a wholly owned subsidiary of Global Clean Energy Holdings, Inc. Global Clean Energy Holdings is constructing a renewable diesel refinery in Bakersfield, CA, which when completed, will be the only integrated farm-to-fuel renewable diesel production facility of its kind. Global Clean Energy Holdings, Inc. has a multi-year agreement with ExxonMobil to purchase up to 220 million gallons per year of renewable diesel made from Sustainable Oils Camelina.

What climate conditions does Sustainable Oils need?

Sustainable Oils Camelina is making a name for itself as a strong performer even in extreme drought conditions. Since 2020, there were many instances of camelina being the only crop harvested on some farms.

Does Sustainable Oils Camelina work with no-till farming?

Sustainable Oils Camelina's root system makes efficient use of available soil moisture. Camelina grows well in no-till situations.

About the Sustainable Oils Grower Contract

How does the Sustainable Oils contract benefit growers?

New growers who sign a contract to grow Sustainable Oils Camelina can earn a set payment per acre and returning growers can enjoy a fixed price per pound. New grower contracts require a certified stand. Sustainable Oils provides the planting seed for all growers who contract with us.

The Sustainable Oils team is committed to developing a long-term relationship with growers to ensure they can meet demand for renewable diesel made from camelina. As a result, they will work closely with contract growers from pre-plant through harvest to create the best possible environment for a healthy and profitable crop.

Is the demand for Sustainable Oils Camelina locked in for multiple years?

Yes. Sustainable Oils, Inc., is a wholly owned subsidiary of Global Clean Energy Holdings, Inc., which has a multi-year agreement with ExxonMobil to purchase up to 220 million gallons per year of renewable diesel made from Sustainable Oils Camelina.

Sustainable Oils wants to continue its strong relationship with current customers and contract with more growers going forward to increase acres and help improve farmers' profitability.

Is Sustainable Oils prepared to educate growers on how to grow Sustainable Oils Camelina?

Sustainable Oils is committed to developing long-term relationships with contract growers to ensure it can meet the increasing demand for camelina. Sustainable Oil Representatives work closely with growers and provide detailed best management practices to create the best possible environment for a healthy and profitable crop.

If you are interested in learning more about growing Sustainable Oils Camelina on your farm or ranch, please visit www.susoils.com.



About Camelina

How does camelina compare to canola?

Even though camelina is in the same mustard family, it has several advantages over canola. According to Montana State Extension, camelina demonstrates better drought tolerance and greater spring freezing tolerance than canola. It also appears to be resistant to the flea beetles that can ravage canola crops.

What are the advantages of camelina?

Camelina is a high-value rotation option that turns fallow acres or idled winter crop acres into productive acres. It thrives in less-than-ideal climates and can be planted as a summer fallow replacement crop or double-cropped with soybeans, sorghum or other summer crops to produce two crops in a single season off the same land. Sustainable Oils proprietary camelina varieties exhibit superior agronomic performance, improved seed quality and high oil content in challenging dryland growing conditions.

How is camelina used?

Camelina is used primarily to produce low carbon renewable diesel fuel. Its meal also serves as an excellent animal feed for cattle and chickens.

When can you plant camelina?

Camelina is a cool season crop and in Montana is planted typically between Feb. 15 and May 1. In the High Plains Camelina is planted between November 1st and January 15th. In fact, Camelina can be planted while the soil is still partially frozen. Camelina is more resilient to low temperatures than other oilseeds with a minimum germination temperature of 33 degrees Fahrenheit.

What is Camelina?

A small-seeded oilseed crop like flax, mustard or canola. It originated in eastern Europe.

