

What is Your IMPACT on the Environment?

Environmental Awareness Program™



Environmental Impact Report

For the Filta Services provided for **Big Gators Grille**
1000 Wynnton Street, Orlando, FL 32818

For the period **01/01/2012 - 03/31/2012**

Pounds of Oil Saved with Filta Fry Service: **1,245 pounds**

Pounds of Waste Oil Collected & Recycled with Filta Bio Service: **950 pounds**

filtabio

Waste Oil Collected & Converted to Biodiesel

Pounds of Oil Collected: **950**

Gallons of Oil Collected: **127**

No More Waste Oil Bins... Great! But what effect does recycling your oil into Biodiesel, using Filta, have on the environment? See below how the chemicals are reduced.

Benefits of Replacing Diesel with Biodiesel

Chemical	Reduced
PM (Particulate Matter, Soot, Carcinogen)	0.6 lbs
HC (Hydro Carbon, Soot)	0.7 lbs
Fluoro Gas	7.0 lbs
Acids, Soap Producer, Acid Rain	0.6 lbs
Other Gas	2,577.7 lbs

PLANTING... **129 trees**

filtafry

Pounds of Oil Saved: **1,245**

Gallons of Oil Saved: **166**

of 35 pound Jugs: **36**

From farming and processing the crop, to packaging and shipping the oil, the environmental impact of getting oil into your fryers is astonishing. Shown Below, you'll see the reduced environmental impact due to the oil savings from using the Filta Fry service.

Category	Savings
Farming & Processing Savings	
Land	2.4 acres
Water	1.7 million gallons
Pesticides	2.7 lbs
Fertilizer	99.6 lbs
Lime	848.9 lbs
Packaging & Transport Savings	
Plastic	42.7 lbs
Cardboard	28.5 lbs
Diesel	26.7 gallons
Farming & Processing Energy Savings	
Diesel	9.5 gallons
Gasoline	3.0 gallons
Electricity	15.7 kWh
Propane	1.7 gallons
Natural Gas	138.5 cubic ft
Carbon Offset	
From Fuel	797.3 lbs
Like Planting	40 trees

Sources available on request.



See the Environmental Impact of Cooking Oil from YOUR Kitchen



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1-866-51-FILTA (34582)



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As a Filta customer, you can receive regular Environmental Impact Reports™, detailing your contribution to the environment.

CONTACT YOUR LOCAL FILTA REPRESENTATIVE TO LEARN MORE



Did You Know?

I think you'll agree that, aside from money savings, these are good reasons to make your oil last longer.

Land 1

An acre of land only yields around 70 gallons of oil.

Fuel 4

5 gallons of gas and diesel are used to farm each acre.

Lime 2

Get this, 358lbs of lime is applied per acre to counteract acidity, because neutralizing soil acidity makes existing nutrients more available to plants such as soybeans.

All this to produce 500lbs of oil.

The mining of limestone requires the removal of considerable overburden (natural cover, soil, etc.) to gain access to limestone deposits. In addition, large amounts of energy are used to cook the limestone and make it into agricultural lime.

Water 5

Around 26 inches of water is required for soybean to grow. That is an amazing 700,000 gallons per acre or 10,000 gallons of water per gallon of oil!

Pesticides & Fertilizer 3

Over 43lbs of pesticides and fertilizer are needed for every acre of land used for growing soybeans. In the United States, the Environmental Protection Agency (EPA) has recently acknowledged that agriculture is the major source of surface water quality problems in 72% of impaired rivers, 56% of lakes, and 43% of estuaries. The main culprits... pesticides and fertilizer.

Power 6

6.62kWh of electricity and 58 cubic feet of gas are used to extract the oil produced by 1 acre of land.

Production 7

The production of commercial soybean oil is complicated.

The soybeans are first cleaned, cooked, heat shocked, cracked, de-hulled and flaked prior to oil extraction.

This de-hulling is done by cracking the soybeans and a mechanical separation of the hulls and cracked soybeans. Magnets are used to separate any iron from the soybeans. The soybeans are also heated to about 170°f to coagulate the soy proteins to make the oil extraction easier.

The soybeans are cut in flakes mixed with a solvent, normally hexane. The hexane is separated from the soybean oil in evaporators. The evaporated hexane is recovered and returned to the extraction process. The hexane free crude soybean oil is then further purified.

Processing 8

The mechanical production of soybean oil with hydraulic presses is rarely used because it's expensive and gives lower yields. Soybean oil is normally produced by extraction with solvents.

Packaging 9

1.2lbs of plastic and almost 1lb of cardboard are used to create the "jug in a box" packaging.

Turning Waste Oil to Biodiesel 12

OK, it's now been used for cooking, what's the best use for the used oil?

Diesel disperses many carcinogenic particles and greenhouse gases including Sulfur Dioxide, Carbon Monoxide and Carbon Dioxide (Greenhouse Gas).

By using biodiesel instead of diesel, you can reduce these emissions.

Biodiesel Impact 13

For every gallon of biodiesel used in place of diesel, you prevent 16 lbs of Carbon Dioxide alone entering the atmosphere.

Your Fryers 11

You can now see the environmental impact of getting that oil to your kitchen. I think you'll agree that it's a real eye-opener.

You can lessen your impact on the environment by prolonging the useful life of the oil. Our FiltaFry service will extend the life of your cooking oil and, when that oil has reached the end of its life, our technician will collect that waste oil and recycle it with our FiltaBio program

Filta works hand-in-hand with you to help lessen the environmental impact of cooking oil.

Transport Fuel 10

It takes over 2 gallons of diesel to truck each 5 gallon jug of oil to you.



Can you find the 7 Filta logo icons, (including this one) on the inside of this brochure?