



Carbon Cycle, the manufacturer of FoodChar, are leaders in the field of organic carbon-based products.

We bring top-quality organic BioChar carbon products to the market that will improve your daily life as well as that of your loved ones and pets.

Why Biochar?

Join the millions of people around the world who have become interested in the positive effects that BioChar can have on overall health and your quality of daily life. Activated Charcoal (BioChar) is fast becoming one of the most popular natural wellness supplements in the world for both humans and animals. BioChar, as part of the Carbon Cycle, will assist in ensuring our sustainability and future. BioChar is currently a \$590 million industry in Europe projected to reach \$720 million by 2030 and has been projected to grow year on year in the USA by 11.7% to reach the \$454.3 million level by 2030 in the agriculture market alone.

Our Biochar

Specialized formulation for dogs, cats and their best friends humans. A proprietary blend of locally sourced Alien Invasive Vegetation manufactured to the highest standard in our locally developed and manufactured Pyrolysis Reactor. Ensuring that we achieve the finest grade Biochar with the highest purity (80%+) carbon content. All our products have no animal derivatives. 100% Organic and supplied in veggie capsules. Provides immune support, is vegan-friendly, non-GMO, and is a natural detoxifier.



www.carboncycle1.com



FoodChar

PURE
Naturally
Activated
Charcoal

DIETARY SUPPLEMENT FOR PETS

Foodchar acts by binding toxins and pollutants in the digestive tract of your pet which leads to a number of beneficial affects on their health.

This product is intended for use in small amounts to promote gut health and wellbeing.

Foodchar may assist with:

- Natural detox
- Improved Immunity
- Whiter Teeth
- Less Faecal odour
- General well-being of your pet
- Active binding of toxins
- Promote gut health
- Reduction of flatulence
- Assist with diarrhea
- Beneficial to fur health

Bone formation

Foodchar contains calcium, daily supplementation could promote strong bone structure, joint stability and healthy teeth.

Composition

Foodchar is a blend of several types of plant based carbons producing an extremely high quality dust free Biochar. A proprietary blend of Omega-3 rich Fish oils and Flaxseed oil combines to create our top quality Foodchar daily pet supplement.

Analytical constituents

crude ash 12.52 %
calcium 3.47 %
moisture 30%

Presentation:

Black Powder

Ingredients:

Organic Biochar, Fish oil (EPA, DHA), Flaxseed oil (ALA).

Directions:

Cats:

Mix 1 sachet into cat food daily or as required.

Dogs:

Mix into dog food daily or as required:

<20kg:	20-40kg:	>40 kg:
1 sachet	2 sachets	3 sachets

Warning:

Foodchar is not indicated for use in conjunction with any medications as there is a possibility of active substance binding which will reduce efficacy of your pets medication. Only add to dog or cat food 2 hours before or 2 hours after prescription medication.

Storage:

Store in a cool, dry place below 25°C.
KEEP OUT OF REACH OF CHILDREN

This product is not intended to diagnose, treat, cure or prevent any disease.





FAQ:

What is BioChar?

Biochar is charcoal that is produced by pyrolysis of biomass in the absence of oxygen; it is used as a soil amendment. Biochar is defined by the International Biochar Initiative as "The solid material obtained from the thermochemical conversion of biomass in an oxygen-limited environment".

What is alien vegetation?

Alien vegetation refers to plants that are not native in a country and have been brought into a country from another. The Department of Environmental Affairs in South Africa describes invading alien plants as the biggest threat to plant and animal biodiversity.

Is BioChar bad for the environment?

Biochars have made substantial breakthroughs in reducing greenhouse gas emissions and global warming, reducing soil nutrient leaching losses, sequester atmospheric carbon into the soil, increasing agricultural productivity, reducing bioavailability of environmental contaminants.

How often should I use it?

FoodChar:

Can be given to your pet on a daily basis as a micro dose indicated on the packaging. Or weekly as a gut health supplement.

Why should my pet take FoodChar?

Foodchar may assist with:

- Active binding of toxins
- Promote gut health
- Reduction of flatulence
- Assist with diarrhea
- Well-being of your pet
- Reduction of faeces odour
- Beneficial to fur health

How soon after medication should your pet take FoodChar?

Our products should not be taken 2 hours before or after any medication.

Can it cure diarrhoea?

It may assist in alleviating symptoms of diarrhoea.

Can it be used in the treatment of poisoning?

FoodChar is not intended as a treatment for any condition or disease. A healthcare practitioner should be contacted immediately if poisoning is suspected.

Is Foodchar toxic to animals?

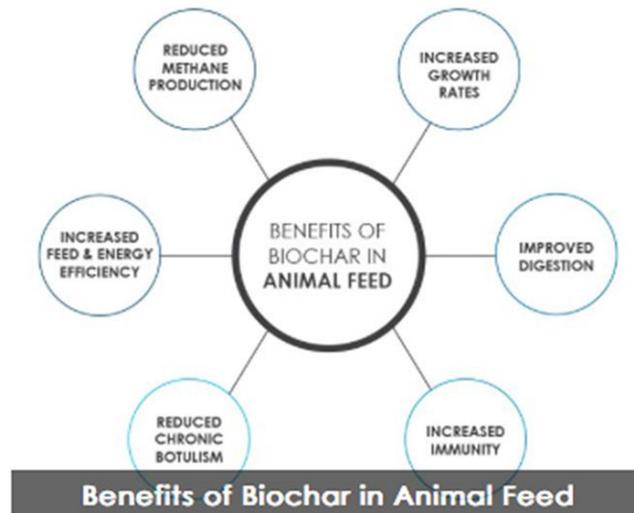
In studies going back as far as 2010 no adverse toxic effects of BioChar in animals has been reported.

Where is Activated Charcoal and FoodChar manufactured?

Our products are manufactured in our state of the art manufacturing facility in Somerset West, Western Cape, South Africa.



BENEFITS OF BIOCHAR AS A FEED ADDITIVE



Uses of Biochar

by Hans-Peter Schmidt

Initially only used in agriculture, the range of uses for biochar now covers a wide range of different fields, giving this plant-based raw material the chance to make the most of its positive properties. Wherever biochar is specifically used even for industrial purposes, the carbon taken from the atmosphere in the form of CO₂ can be stored for long periods or at least used to replace fossil carbon sources.

The cascaded use of biochar in animal farming

1. Silage agent, 2. Feed additive / supplement, 3. Litter additive, 4. Slurry treatment, 5. Manure composting, 6. Water treatment in fish farming

At present some 90% of the biochar used in Europe goes into animal farming. Different to its application to fields, a farmer will notice its effects within a few days. Whether used in feeding, litter or in slurry treatment, a farmer will quickly notice less smell. Used as a feed supplement, the incidence of diarrhoea rapidly decreases, feed intake is improved, allergies disappear, and the animals become calmer. For in-depth articles on the use of biochar in cattle and poultry farming, see: [Treating liquid manure with biochar](#), [Biochar in poultry farming](#), [The use of biochar in cattle farming](#). Over 80 farmers in Germany, Austria and Switzerland are currently (as of January 2013) being surveyed with the aim of creating a statistic on the effects of biochar in the cowshed. The first results are expected in Mai 2013.

CONCLUSION

Biochar's ability to capture and hold minute particles is proving to lend itself to more than just a restorative soil amendment; with benefits such as improved digestion, increased immunity, the promotion of better overall health, and capabilities in improving coop hygiene, biochar is likely to gain a strong foothold in animal husbandry.

FEECO engineers and manufactures custom rotary kilns for the production of biochar, as well as rotary dryers for drying biomass in the production of biochar. For more information, contact us today!

Sources:

1. Gerlach A, Schmidt HP: *The use of biochar in cattle farming*, the Biochar Journal 2014, Arbaz, Switzerland. ISSN 2297-1114 www.biochar-journal.org/en/ct/9 Version of 01 th August 2014.
2. Gerlach H, Gerlach A, Schrödl W, Schottdorf B, Haufe S et al., (2014) Oral Application of Charcoal and Humic acids to Dairy Cows Influences *Clostridium botulinum* Blood Serum Antibody Level and Glyphosate Excretion in Urine. *J Clin Toxicol* 4:186. doi: 10.4172/2161-0495.1000186
3. Leng R A, Preston T R and Inthapanya S 2012: Biochar reduces enteric methane and improves growth and feed conversion in local "Yellow" cattle fed cassava root chips and fresh cassava foliage. *Livestock Research for Rural Development. Volume 24, Article #199*. Retrieved May 24, 2017, from <http://www.lrrd.org/lrrd24/11/leng24199.htm>
4. Gerlach H, Schmidt HP: *Biochar in poultry farming*, the Biochar Journal 2014, Arbaz, Switzerland. ISSN 2297-1114. www.biochar-journal.org/en/ct/10 Version of 01 th August 2014. Accessed: 24.05.2017
5. https://www.bcac.bc.ca/sites/bcac.localhost/files/Ardcorp_Program_Documents/Supplementing%2C

PURE
Naturally Activated Charcoal

Daily Supplement

FoodChar
For optimum pet performance

Carbon Cycle

Biochar • Flaxseed Oil • Fish Oil

EEEEK!
Do you know
what
your cat
just ate?

- ✓ Natural detox
- ✓ Improved Immunity
- ✓ Less Faecal odour
- ✓ Whiter teeth
- ✓ Fresher breath
- ✓ Tummy health




www.carboncycle1.com

Biochar • Flaxseed Oil • Fish Oil

PURE
Naturally Activated Charcoal

Daily Supplement

FoodChar
For optimum pet performance

Carbon Cycle

Biochar • Flaxseed Oil • Fish Oil

"Did you see my 'poop!'"

- ✓ Natural detox
- ✓ Improved Immunity
- ✓ Less Faecal odour
- ✓ Whiter teeth
- ✓ Fresher breath
- ✓ Tummy health

Daily Supplement

FoodChar
For optimum pet performance

Carbon Cycle




www.carboncycle1.com

PURE
Naturally Activated Charcoal

Daily Supplement

FoodChar
For optimum pet performance

Carbon Cycle

Biochar • Flaxseed Oil • Fish Oil

Smelly Poop
can kiss
my mutt

- ✓ Natural detox
- ✓ Improved Immunity
- ✓ Less Faecal odour
- ✓ Whiter teeth
- ✓ Fresher breath
- ✓ Tummy health




www.carboncycle1.com