NECA|bioC®
Vegetable carbon

NECA|bioC® is a pure and natural vegetable carbon. Due to their particularly high inner surface and the pronounced pore structure with up to 350m²/g, excellent properties can be generated.

Whether as a buffering agent, for structure promotion or for binding pollutants or auxiliary substances in various biological processes, this vegetable carbon can be used effectively.

For use in plant, compost and soil applications we recommend our BioHumat®-mixed **NECA|bioC® H+**: Vegetable carbon + Bio-Effector complete in one product!

PURELY BIOLOGICAL
NECA|BIOC®
VEGETABLE CARBON

Application areas
- Plant cultivation
- Animal welfare
- Biogas

NECATEC AG
new carbon + technologies

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Vegetable carbon

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NECA|bioC®

NECA|bioC® is a high-quality, natural and pure vegetable carbon. Due to surface activation by means of water vapour at approx. 920°C, the inner surface is 3-4 times higher than that of ordinary wood or vegetable carbon. Due to this large inner pore system, positive effects are achieved through a balancing and binding effect in various applications. **NECA|bioC®** is produced in highly chemical fluidized bed processes and is no HTC-coal (HTC = Hydro Thermal Carbonization).

The use of NECA|bioC®

- **Crop production and soil production** as structure improver and buffer material
- **Animal welfare** as a feed additive and litter
- **Biogas** as buffer agent to increase the methane yield and the substrate quality
- **Addition of liquid manure and dung** for binding nutrients and increasing the fertilising effect

Features of NECA|bioC®

Carbon:	Charcoal, untreated
Fixed carbon:	>87% TM
Mineral content:	approx. 5-10% TM
Water content:	approx. 25-30%
Grain size:	0,2-4mm predominantly in powder form with unstructured grain components

Benefit now from the following advantages:

Crop production

- ☑ Large buffering effect, the storage capacity for plant-available nutrients and water is increased.
- ☑ Structural improvement of the soil.
- ☑ Less mineral fertiliser required.
- ☑ romotes the build-up of humus.
- ☑ Supports water protection.
- ☑ Binds additional CO_2.

Animal welfare

- ☑ Increases animal health.
- ☑ Fewer odour emissions.
- ☑ Improves the stable climate.
- ☑ Increases the effectiveness of manure.

Biogas

- ☑ Significant buffer effect.
- ☑ Improves efficiency.
- ☑ Replaces mineral zeolites.
- ☑ Binds pollutants.
- ☑ Improves the fermentation residue quality.

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Any questions?
We will be happy to provide you with information on our effective NECATEC products.
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